



About Us

Leviton is a world leader in diversified electrical technologies and the largest privately owned manufacturer of electrical wiring equipment in North America.

Leviton products help customers create sustainable and intelligent environments through their electrical wiring devices, network and data centre connectivity solutions, lighting energy management systems, and security and automation applications.

Operating in over 80 countries and with a portfolio of more than 25,000 products, Leviton are at the forefront of global developments in building technology and are uniquely positioned to support JCC in developing cutting edge LED innovation.

Leviton acquired JCC in 2013 to enhance JCC's position as the UK market leader in LED lighting and strengthen our shared vision to ensure accessibility to the benefits of the latest LED technology.

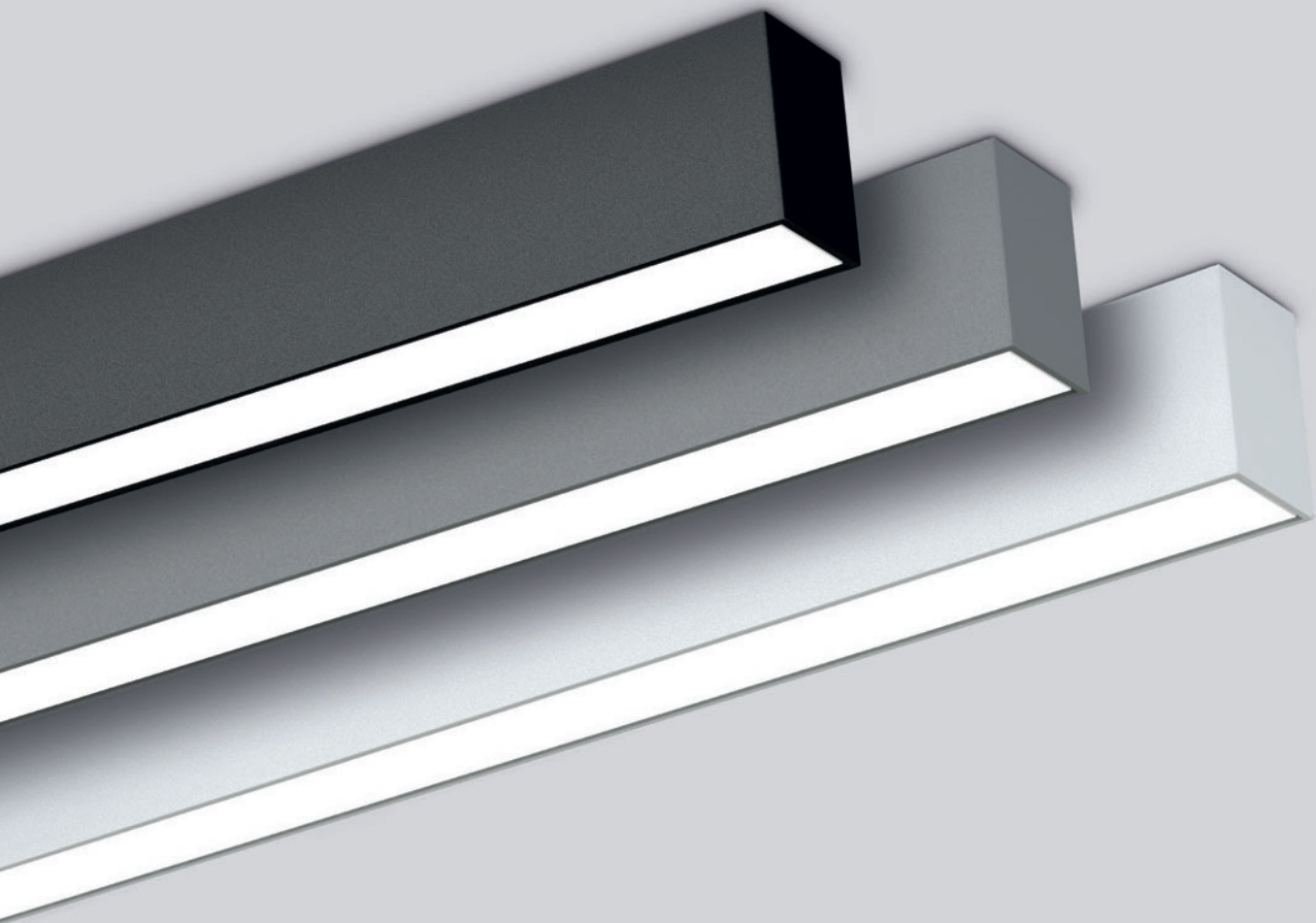
Established in 1989, JCC are market leaders in the development of cutting edge LED lighting technology.

We are driven by our passion to create innovative LED lighting solutions. This ensures that our customers can take advantage of the benefits that the latest LED technology can provide for both domestic, commercial and industrial applications.

We believe that LED lighting is the most effective way that homes and businesses can tackle rising energy costs and the global need to reduce CO₂ consumption.

LED technology provides us with the opportunity to readdress traditional lighting and create innovative solutions that can improve installation times, enrich our homes, increase productivity within the workplace and enhance safety across all environments.





Catalogue 31

With an extensive selection of new product introductions, the 31st edition of our industry leading catalogue continues our commitment to deliver the very latest in LED innovation.

Please contact us for further information and advice on any of the products within our catalogue. To find your local JCC sales representative please see inside back cover.

CUSTOMER SERVICES

+44 (0)1243 838999
customer.services@jcc.co.uk

TECHNICAL SUPPORT

technical.support@jcc.co.uk

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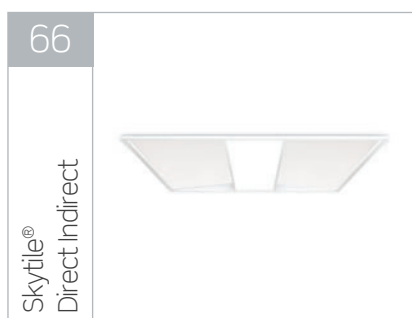
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New Products

A quick reference to some exciting new products in Catalogue 31



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Toughflood™
High Output



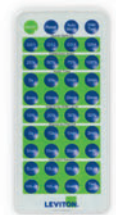
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LED Lanterns



335

Toughbay™
Microwave Remote



Architectural Exterior

The Architectural Exterior range combines performance with aesthetics to create functional and beautiful outdoor spaces. They are designed to match in colour temperature, finish and construction.



Matching 3000K
Colour Temperature



Matching
Anthracite Finish



Die-Cast Aluminium
Construction

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Inground Spike Spotlight



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Glazed Lantern



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Glazed Lantern Mini



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Glazed Post Light



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Glazed Post Box



Request our brochure

For one of our Architectural Exterior range brochures please contact JCC customer services:

t. +44 (0)1243 838999

e. customer.services@jcc.co.uk

Introducing our LED Strip light service



Easy online configurator



Create detailed component lists for easy ordering



Drivers, strip & accessories delivered directly to site

Tailor made LED Strip lighting

The new LED Strip light service offers a bespoke solution through your preferred wholesaler. Use our online configurator to build your kit, then simply provide the order summary to your wholesaler along with your customer's address, and we will deliver everything you need directly to site.

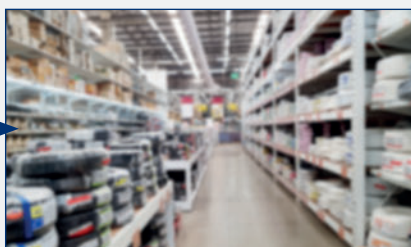
Offering a range of different options, including standard and high output LED Strip; 2700K, 3000K & 4000K colour temperatures, IP20 & IP65 protection and profiles to suit all applications, our LED Strip light service is truly tailor made.

- ① Bespoke service
- ② Variety of options
- ③ Fast turnaround
- ④ Simple online configurator

Quick and easy three step process



1. SIMPLE ONLINE CONFIGURATOR



2. ORDER VIA YOUR WHOLESALER



3. DELIVERED DIRECTLY TO SITE

See p.180 for more information

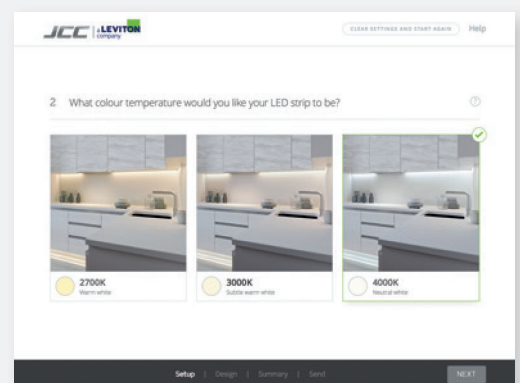


Simple online configurator

Automatically calculate your requirements

Our quick and easy online configurator tool has been created to reduce the challenges associated with ordering LED Strip.

The step-by-step process, combined with the intuitive design, makes it easy to specify your LED Strip lighting requirements whilst automatically calculating the most economical driver available for your configuration. See p.180 for more information.



Build your layout online using our step-by-step online configurator

jcc.co.uk/ledstrip

Complete peace of mind

“Our state-of-the-art lighting design and test facility provides us with precise information on the quality and performance of our products”

- **Michael Rickwood**, Quality Control & Compliance Manager



Assurance of quality and reliability

Our independent testing houses provide certification of light output, power consumption, safety features and product life. We understand the importance of providing proven and tested technology to our customers. Independent testing has been a core part of our product development process for 29 years and underlines our key brand promise to deliver proven LED safety and innovation to our customers.

For us, quality is more than simply a word, it forms the basis of our entire brand and drives our passion for producing market leading LED technology.

State of the art in-house test facilities

In addition to our independent test houses, we have developed an advanced lighting design and test facility at our headquarters in West Sussex.

Our state-of-the-art facility provides us with precise information on the colour, quality and performance levels of our products.

We are committed to providing honest and accurate information. When we state the light output (lumens) we have tested the total fitting and measured the actual light output including any light transmitter, diffuser or optics.



Quality & performance

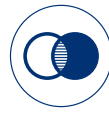
Maximising consistency across all our ranges

All of our products have been specifically designed to ensure they complement one another and provide complete consistency throughout the application.



CONSISTENT QUALITY & PERFORMANCE

Using the latest developments in LED technology and high specification componentry, we ensure excellent continuity between lighting solutions.



COMPLEMENTARY LOOK AND FEEL

Our products have been designed to complement one another with matching finishes and construction techniques.



EMERGENCY VERSIONS

For complete peace of mind during emergency situations, we offer both maintained and non maintained, integrated and external emergency drivers to suit all application requirements.



IMPROVED COLOUR RENDERING INDEX

Typically exceeding a colour rendering index of 80+. This enhances colour to give a true representation of the objects and products on display, a key element in retail lighting.



SPECIFIC COLOUR TEMPERATURES

We align the colour temperature of all of our fixtures to suit their applications and ensure a unified lighting style.



LIGHT UNIFORMITY

All our products are engineered to provide smooth, crisp and even light distribution, reducing dark areas and shadowing.

Industry leading warranties

We believe that a manufacturer's warranty is your assurance of quality and reliability. This is why all of our products are covered as standard by our two year product guarantee. In addition, selected products are also covered by our three, five, seven or ten year extended warranties.

REGISTER YOUR PRODUCT ONLINE

Simply go to jcc.co.uk/warranty and enter your product details.

Fire-rated Downlights

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V50™

High performance colour selectable LED downlight



Selectable colour temperature from the front of the fitting

V50 features a simple 2-way switch that allows users to choose between either 3000K or 4000K colour temperature from below the ceiling. The switch is covered by a silicone gasket that ensures IP65 protection is maintained.

SPRING CLIPS

Strong spring clips ensure the body of the fitting remains securely fixed in place.

TOP AIRFLOW CAP

Top cap allows for mineral wool insulation to be laid directly over the top of the fitting.

PLUG & PLAY REMOTE

Plug and play DC connector allows for the removal of the fixture during wiring, painting and decorating.

SELECTABLE COLOUR TEMPERATURE

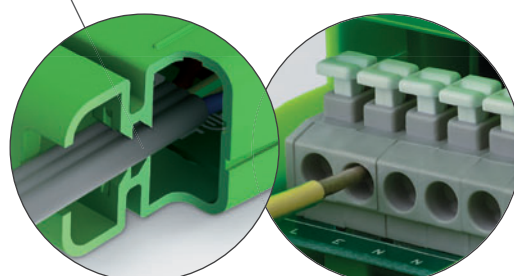
Front facing switch (IP65) allows selection of either 3000K or 4000K colour temperature.

PRESS FIT TERMINAL BLOCK

V50 driver accepts both solid and stranded cables (1.0mm and 1.5mm)

ULTRA STRONG CABLE RESTRAINT

Screw-less terminal block and cable restraint ensures fast installation and secure wiring.



Ultra low profile design

V50's low profile design enables the fitting to be installed in applications that have a shallow 50mm ceiling void. If required the V50 airflow cap can be removed to further reduce the product height.



Detachable bezel in 5 different colours

V50 has a range of five high quality die-cast aluminium bezels suitable for a range of different decorative installations. Bezels can be removed by simply twisting on and off.

BLACK

BRUSHED BRASS

BRUSHED NICKEL

CHROME

WHITE



Fully fire-rated for peace of mind

V50™ products are independently fire tested to provide fire safety that you can trust.

Complies with Part L, B, C and E of the latest building regulations.



30 MINUTE CEILING

600mm joist centre
Single layer
12.5mm plasterboard



60 MINUTE CEILING

600mm joist centre
Double layer
15mm plasterboard



90 MINUTE CEILING

450mm joist centre
Double layer
15mm plasterboard

V50™

Colour selectable fire-rated LED downlight

- Two colour selectable from below the ceiling, 3000K & 4000K
- Ultra-low profile suitable for shallow 50mm ceiling voids
- Fully fire-rated for 30, 60 and 90 minute ceilings
- Strong, protected spring clips
- Fast, push-fit termination with remote driver
- Triac dimmable as standard (recommended dimmer list on JCC website)
- Twist & lock bezel design
- Available as complete fixture (JC1001) or without bezel (JC1001/NB)
- JC1001/NB requires separate bezel (JC1006)
- **NEW** 5 year warranty

✓ JC1001/CH



✓ JC1001/WH



✓ JC1001/BN



✓ JC1006/BR



✓ JC1006/BLK



NEW New product for 2018

5 year ext. warranty*

Dimmable as standard

60° beam angle

See p.18 and p.19 for accessories

Classification

Class 2
IP65 (standard) | 240V
IP20 (tilt) | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Black (**BLK**), Brushed Brass (**BR**),
Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

Construction

Body: Steel
Lens: Polycarbonate
Bezel: Aluminium

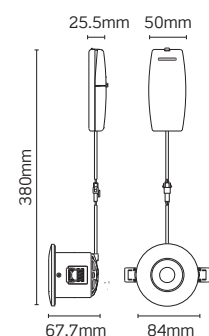
Accessories

Converter plate (see p.18)
Concealer ring (see p.19)

Installation

Cut out Ø: 70mm

JC1001



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC1001/NB	V50 Without bezel	3000K & 4000K	Yes	7.5W	600/650	80
JC1001	V50 With bezel (add suffix)	3000K & 4000K	Yes	7.5W	600/650	80
JC1001/WHEM	V50 emergency with bezel	3000K & 4000K	Yes	7.5W	600/650	80
JC1001/CHEM	V50 emergency with bezel	3000K & 4000K	Yes	7.5W	600/650	80
JC1001/BNEM	V50 emergency with bezel	3000K & 4000K	Yes	7.5W	600/650	80
JC1006	Separate bezel for V50 (add suffix) -	-	-	-	-	-


For Black add /**BLK** suffix, for Brushed Brass add /**BR** suffix, for Brushed Nickel add /**BN** suffix, for Chrome add /**CH** suffix, for White add /**WH** suffix.


*Requires online registration.

NEW New product for 2018

 5 year ext. warranty*

 Dimmable as standard

 60° beam angle


 See p.18 and p.19 for accessories

V50™ Tilt

Colour selectable fire-rated LED downlight

- Two colour selectable from remote driver, 3000K & 4000K
- 20° tiltable and 350° rotatable lens
- Fully fire-rated for 30, 60 and 90 minute ceilings
- Strong, protected spring clips
- Fast, push-fit termination with remote driver
- Triac dimmable as standard (recommended dimmer list on JCC website)
- **NEW** 5 year warranty

Classification

 Class 2
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

Construction

Body: Steel
Lens: Polycarbonate
Bezel: Aluminium

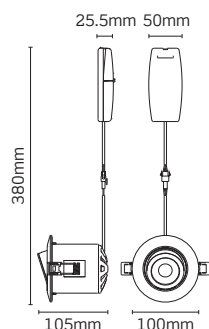
Accessories

Converter plate (see p.18)

Installation

Cut out Ø: 85mm

JC1002



All data sheets and installation sheets available at jcc.co.uk

✓ JC1002/CH



✓ JC1002/BN



✓ JC1002/WH



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC1002	V50 Tilt	3000K & 4000K	Yes	7.5W	600/650	80

For Brushed Nickel add /BN suffix, for Chrome add /CH suffix, for White add /WH suffix.

*Requires online registration.

V50™ Converter Plate

Available for V50 & V50 Tilt

- Allows for the retrofit of V50 and V50 Tilt units where larger downlights were previously installed
- 30, 60 and 90 minute fire-rated
- Suitable for all ceiling types for cut outs 80-120mm in diameter

✓ JC1003/CH



✓ JC1003/BN



✓ JC1003/WH



NEW

New product
for 2018



2 year
product guarantee

Classification

IP65 (Standard)
IP20 (Tilt)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

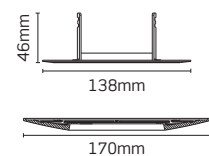
Construction

Body: Steel
Bezel: Aluminium

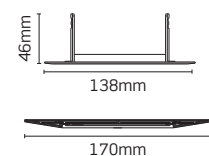
Installation

Cut out Ø: 80-120mm

JC1003



JC1004



Code	Description
JC1003	Converter plate for standard V50 (luminaire not included)
JC1004	Converter plate for V50 Tilt (luminaire not included)

For Brushed Nickel add /BN suffix, for Chrome add /CH suffix, for White add /WH suffix.

NEW New product
for 2018

 2 year
product guarantee

V50™ Concealer Ring

Available for V50

- Covers ceiling cut outs damaged from previous fittings
- For use with ceiling cut outs 80-105mm in diameter with V50
- White finish to match standard ceiling colour
- Ideal for installing V50 into suspended ceilings
- Does not maintain fire rating



Classification

IP20

Finishes

White

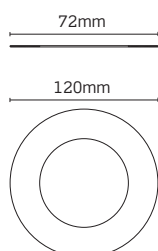
Construction

Body: Steel

Installation

Cut out Ø: 80-110mm

JC1005



All data sheets and installation sheets
available at jcc.co.uk

Code	Description
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JC1005	Concealer ring for V50 - 5 pack (luminaire not included)
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Hybrid9™

The interchangeable integrated LED downlight

Technology in your hands

In contrast to traditional integrated fixtures, Hybrid™ products have been designed to incorporate all of the LED technology within an innovative combined module and bezel. This ensures that customers have complete control of their lighting and the ability to adapt, upgrade or replace at the end of the products' life with ease.

HIGH QUALITY DIE-CAST METAL BEZEL

Bezel comes complete with LED module and is available in brushed nickel, chrome and white finishes.

LED MODULE

Hybrid™ LED modules use the latest driverless technology from leading LED chip manufacturer Seoul Semiconductor.

ENCLOSED CAN

Provides maximum fire safety and protects the heat sink from dust and debris.



LEVLINK™

Hybrid9™ comes complete with our innovative LevLink™ 6 way connector.

Change fittings with ease



STEP 1

Remove previous LED module by rotating anti-clockwise.



STEP 2

Align the three pins with their respective holes within the can.



STEP 3

Secure the LED module in place and rotate clockwise.



10 year
ext. warranty*



Dimmable
as standard



38°
beam angle

Hybrid9™

Interchangeable integrated LED downlights

- Innovative interchangeable LED module
- Provides end users with the flexibility to upgrade lighting
- Push fit 'tool-less' installation
- Features ultra-fast 6-way LevLink™ connector
- Fully fire-rated for 30, 60 and 90 minute ceilings
- Mains driver technology
- IP65, suitable for use in bathrooms (internal use only)
- Triac dimmable as standard (recommended dimmer list on JCC website)

✓ JC99901WH



Classification

⊕ Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

Construction

Body: Steel
Lens: Polycarbonate
Bezel: Aluminium

Installation

Cut out Ø: 76mm

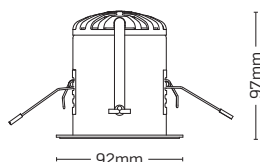
✓ JC99901BN



✓ JC99901CH



JC99901 / JC99903



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC99901	Hybrid9	4000K	Yes	8.5W	750	88
JC99903	Hybrid9	3000K	Yes	8.5W	725	85
SPR99901	Spare module and bezel	4000K	Yes	8.5W	750	88
SPR99903	Spare module and bezel	3000K	Yes	8.5W	725	85

For Brushed Nickel add **BN** suffix, for Chrome add **CH** suffix, for White add **WH** suffix.

*Requires online registration. 10 year for domestic dwellings, 5 year for commercial applications.





Hybrid7™

Interchangeable integrated LED downlights

- Interchangeable GU10 LED module with integral bezel
- Large heat sink ensures greater product reliability
- Fully fire-rated for 30, 60 and 90 minute ceilings
- Triac dimmable as standard (trailing edge only, recommended dimmer list on JCC website)
- IP65, suitable for use in bathrooms (internal use only)
- Spare modules available

✓ JC99701WH



✓ JC99701BN




✓ JC99701CH




 5 year ext. warranty*

 Dimmable as standard

 38° beam angle

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

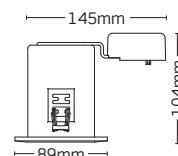
Construction

Body: Steel
Lens: Polycarbonate
Bezel: Aluminium

Installation

Cut out Ø: 72mm

JC99701 / JC99703



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC99703	Hybrid7	3000K	Yes	7.2W	450	63
JC99701	Hybrid7	4000K	Yes	7.2W	500	69
SPR99703	Spare module & bezel	3000K	Yes	7.2W	450	63
SPR99701	Spare module & bezel	4000K	Yes	7.2W	500	69

For Brushed Nickel add **BN** suffix, for Chrome add **CH** suffix, for White add **WH** suffix.

*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk

Hybrid7™ Overbezel

Interchangeable retrofit LED module

 5 year ext. warranty*

 Dimmable as standard


 38° beam angle

- Provides new fascia to old fixtures
- Large heat sink ensures greater product reliability
- Increased bezel size to retrofit over existing bezel
- Only for use with standard JCC Fireguard Twist & Lock fittings (see p.28)
- Triac dimmable as standard (trailing edge only, recommended dimmer list on JCC website)

✓ JC99711WH



Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

Construction

Body: Steel
Lens: Polycarbonate
Bezel: Aluminium

Installation

Fireguard Twist & Lock
(see p.28)

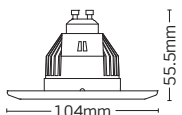
✓ JC99711BN



✓ JC99711CH



JC99711 / JC99713



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC99713	Hybrid7 Overbezel	3000K	Yes	7.2W	450	63
JC99711	Hybrid7 Overbezel	4000K	Yes	7.2W	500	69

For Brushed Nickel add **BN** suffix, for Chrome add **CH** suffix, for White add **WH** suffix.

*Requires online registration.





2 year product guarantee

Fireguard LED

Interchangeable retrofit LED module

- Complies with 2014 Building regulations: Part B, C and E
- Interchangeable LED module with integral bezel
- Fully fire-rated for 30, 60 and 90 minute ceilings
- 30,000 hour life
- Triac dimmable as standard (trailing edge only**)

Classification

Class 2
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

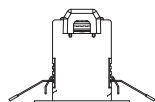
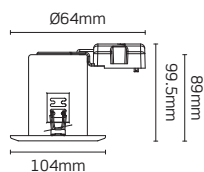
Construction

Body: Steel
Lens: Polycarbonate
Bezel: Aluminium

Installation

Cut out Ø: 74mm

JC94113LED



All data sheets and installation sheets available at jcc.co.uk

✓ JC94113LED3KWH



✓ JC94113LED3KBN



✓ JC94113LED3KCH



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC94113LED3K	Fireguard LED 38° beam angle	3000K	No	7.2W	450lm	63
JC94113LED4K	Fireguard LED 38° beam angle	4000K	No	7.2W	500lm	63

For Brushed Nickel add **BN** suffix, for Chrome add **CH** suffix, for White add **WH** suffix.

*Requires online registration.

**View recommended list on JCC website

Twist & Lock

Fire-rated twist and lock mains downlight

- Twist & Lock lamp retainer for easy lamp removal
- Fire-rated 240V 50W MAX downlights, maintaining the fire-rating of ceilings
- Press-fit terminal, loop-in/loop-out
- Lamp not supplied

✓ JC94113WH



✓ JC94114CH



2 year
product guarantee

Classification

□ Class 2
IP20 | 240V

Lamp

GU10 (not supplied)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

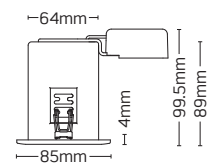
Construction

Body: Steel
Bezel: Aluminium

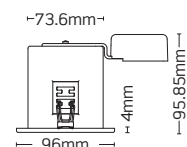
Installation

Cut out Ø:
JC94113 - 74mm
JC94114 - 85mm

JC94113



JC94114



Code	Description	Lamp
JC94113	Fire-rated Twist & Lock	GU10 50W Max
JC94114	Fire-rated 15° tiltable Twist & Lock	GU10 50W Max

For Brushed Nickel add **BN** suffix, for Chrome add **CH** suffix, for White add **WH** suffix.



2 year
product guarantee

Showerlight

Fire-rated enclosed IP65 downlight

- Fire-rated 240V showerlight
- Press-fit terminal, loop-in/loop-out
- IP65, suitable for use in bathrooms
- Lamp not supplied



Classification

⊕ Class 1
IP65 | 240V

Lamp

GU10 (not supplied)

Finishes

Brushed Nickel (**BN**),
Chrome (**CH**), White (**WH**)

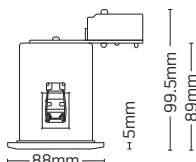
Construction

Body: Steel
Lens: Glass
Bezel: Aluminium

Installation

Cut out Ø: 74mm

JC94110



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Lamp
JC94110	Fire-rated Enclosed IP65 Downlight	GU10 50W Max

For Brushed Nickel add **BN** suffix, for Chrome add **CH** suffix, for White add **WH** suffix.





The image features a dark blue-grey background. On the left side, there are several overlapping circular shapes in varying shades of grey, creating a layered effect. At the bottom left, there is a solid grey square. The word "Downlights" is written in a clean, white, sans-serif font, centered horizontally in the middle of the page.

Downlights





Nebula™

Slim bezel LED downlight

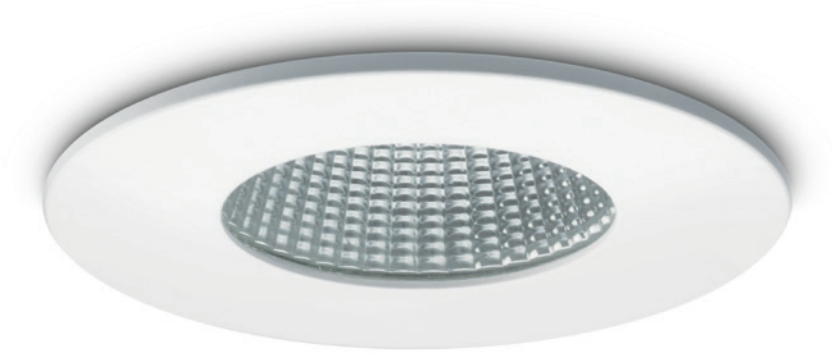
- Up to 90 Lumens per circuit Watt
- IP44 protection against dust and moisture
- IP65 sealable gasket available on 8W, 12W and 15W variants
- Ideal for shallow ceiling voids
- Triac dimmable options available

 5 year ext. warranty*

 Dimmable options available

 40° (8W), 60° (12/15W) beam angle

 Emergency options available



Classification

- Class 2
- Class 1 (EM versions)
- IP44 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

White

Construction

Body: Aluminium
Lens: Glass
Bezel: Steel

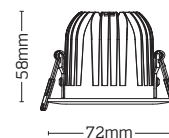
Accessories

IP65 gasket for 8W 5pcs
(**JC95131**)
IP65 gasket for 12W and 15W
5pcs (**JC95130**)

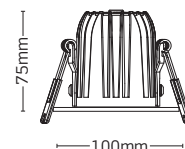
Installation

Cut out Ø: 8W - 64mm
12W/15W - 91mm

JC95101 / JC95102



JC95111 / JC95112 / JC95121 / JC95122



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC95101	Nebula LED Downlight 40° beam	3000K	No	8W	600	75
JC95101DIM	Nebula LED Downlight 40° beam	3000K	Yes	8W	600	75
JC95102	Nebula LED Downlight 40° beam	4000K	No	8W	650	81
JC95102DIM	Nebula LED Downlight 40° beam	4000K	Yes	8W	650	81
JC95111	Nebula LED Downlight 60° beam	3000K	No	12W	900	75
JC95111DIM	Nebula LED Downlight 60° beam	3000K	Yes	12W	900	75
JC95112	Nebula LED Downlight 60° beam	4000K	No	12W	1000	83
JC95112DIM	Nebula LED Downlight 60° beam	4000K	Yes	12W	1000	83
JC95121	Nebula LED Downlight 60° beam	3000K	No	15W	1200	80
JC95121DIM	Nebula LED Downlight 60° beam	3000K	Yes	15W	1200	80
JC95122	Nebula LED Downlight 60° beam	4000K	No	15W	1350	90
JC95122DIM	Nebula LED Downlight 60° beam	4000K	Yes	15W	1350	90
JC95130	IP65 gasket 5pcs	-	-	12W/15W	-	-
JC95131	IP65 gasket 5pcs	-	-	8W	-	-

For emergency versions add **EM** suffix

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Dimmable
options available



40°
beam angle



Emergency
options available

Nebula™ Darklight

Slim bezel tiltable LED downlight

- Recessed LED module for low glare applications
- 35° tiltable
- Slim profile bezel for discrete installations
- Triac dimmable options available



Classification

- Class 2
- ⊕ Class 1 (EM versions)
- IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

White

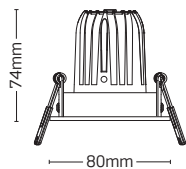
Construction

Body: Aluminium
Lens: Glass
Bezel: Steel

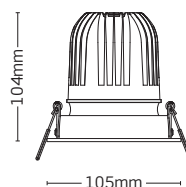
Installation

Cut out Ø: 8W - 75mm
12W/15W - 95mm

JC95201 / JC95202



JC95211 / JC95212 / JC95221 / JC95222



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC95201	Nebula Darklight 40° beam	3000K	No	8W	525	66
JC95201DIM	Nebula Darklight 40° beam	3000K	Yes	8W	525	66
JC95202	Nebula Darklight 40° beam	4000K	No	8W	575	72
JC95202DIM	Nebula Darklight 40° beam	4000K	Yes	8W	575	72
JC95211	Nebula Darklight 40° beam	3000K	No	12W	800	67
JC95211DIM	Nebula Darklight 40° beam	3000K	Yes	12W	800	67
JC95212	Nebula Darklight 40° beam	4000K	No	12W	850	71
JC95212DIM	Nebula Darklight 40° beam	4000K	Yes	12W	850	71
JC95221	Nebula Darklight 40° beam	3000K	No	15W	1050	70
JC95221DIM	Nebula Darklight 40° beam	3000K	Yes	15W	1050	70
JC95222	Nebula Darklight 40° beam	4000K	No	15W	1100	73
JC95222DIM	Nebula Darklight 40° beam	4000K	Yes	15W	1100	73

For emergency versions add **EM** suffix

*Requires online registration.

Nebula™ High Output

Low profile LED downlight

- Slim profile bezel for discrete installations
- Highly efficient, up to 97 Lumens per circuit Watt
- Ideal for shallow ceiling voids
- Triac dimmable as standard

✓ JC95301



✓ JC95305



NEW New product for 2018

5 year ext. warranty*

Dimmable as standard

36° (8W), 60° (10W/13W) beam angle

Classification

Class 2
IP65 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

White

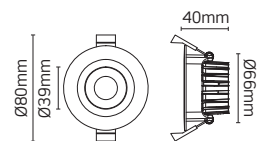
Construction

Body: Aluminium
Lens: Polycarbonate
Bezel: Aluminium

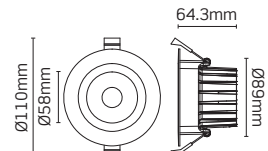
Installation

Cut out Ø: 8W - 68-75mm
10W/13W - 90-95mm

JC95301 / JC95302



JC95303 / JC95304 JC95305 / JC95306



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC95301	Slim Bezel LED Downlight 36° beam	3000K	Yes	8W	770	97
JC95302	Slim Bezel LED Downlight 36° beam	4000K	Yes	8W	840	105
JC95303	Slim Bezel LED Downlight 60° beam	3000K	Yes	10W	820	82
JC95304	Slim Bezel LED Downlight 60° beam	4000K	Yes	10W	890	89
JC95305	Slim Bezel LED Downlight 60° beam	3000K	Yes	13W	950	73
JC95306	Slim Bezel LED Downlight 60° beam	4000K	Yes	13W	1200	92


*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

 Dimmable as standard

 36° beam angle

Nebula™ High Output Tilt

Low profile, tiltable LED downlight

- Slim profile for discrete installations
- Highly efficient, up to 97 Lumens per circuit Watt
- 30° tiltable downlight
- Triac dimmable as standard


✓ JC95401



✓ JC95505



Classification

 Class 2
IP65 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

White

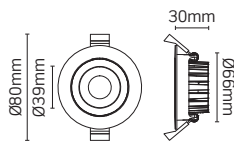
Construction

Body: Aluminium
Lens: Polycarbonate
Bezel: Aluminium

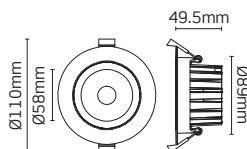
Installation

Cut out Ø: 8W - 68-75mm
10W/13W - 90-95mm

JC95401 / JC95402



JC95403 / JC95404
JC95505 / JC95606



All data sheets and installation sheets available at jcc.co.uk

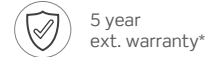
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC95401	Slim Bezel LED Downlight Tilt 36° beam	3000K	Yes	8W	770	97
JC95402	Slim Bezel LED Downlight Tilt 36° beam	4000K	Yes	8W	840	105
JC95403	Slim Bezel LED Downlight Tilt 36° beam	3000K	Yes	10W	820	82
JC95404	Slim Bezel LED Downlight Tilt 36° beam	4000K	Yes	10W	890	89
JC95505	Slim Bezel LED Downlight Tilt 36° beam	3000K	Yes	13W	950	73
JC95606	Slim Bezel LED Downlight Tilt 36° beam	4000K	Yes	13W	1200	92

*Requires online registration.

Coral LED™ 16W

High performance commercial LED downlight

- 2x18W CFL direct replacement
- Structural heat sink removes the need for noisy and inefficient cooling fans
- CRI 90, ideal for retail applications



5 year
ext. warranty*



Dimmable
options available



Emergency
options available



See p.41
for rim options

Classification

⊕ Class 1**

□ Class 2

IP20 (IP65 rim optional) | 240V

LED

4000K | CRI: Ra (90)

Finishes

See rim options on p.41

Construction

Body: Aluminium

Lens: Polycarbonate

Accessories

Rim options (see p.41):

JC5052 N / JC5054 / JC5060

/ JC5368 / JC5110 / JC5118

Installation

Cut out Ø: 212mm

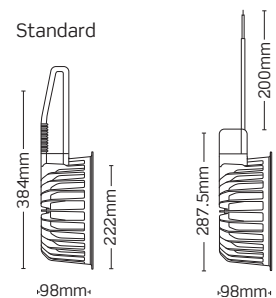
JC5410



-260mm-
-212mm-

Dimmable

Standard



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC5421**	Coral LED	4000K	No	16W	1600	100
JC5421DALI	Coral LED DALI	4000K	Yes	16W	1600	100
JC5421DSI	Coral LED DSI	4000K	Yes	16W	1600	100
JC5421/1-10V	Coral LED 1-10V	4000K	Yes	16W	1600	100
JC5421EM**	Coral LED emergency	4000K	No	16W	1600	100
JC5421EMDALI**	Coral LED DALI emergency	4000K	Yes	16W	1600	100
JC5421EMDSI**	Coral LED DSI emergency	4000K	Yes	16W	1600	100
JC5421EM/1-10V**	Coral LED 1-10V emergency	4000K	Yes	16W	1600	100
JC5410	Coral LED Concealer ring	-	-	-	-	-


*Requires online registration.


All data sheets and installation sheets
available at jcc.co.uk


Coral LED™ 24W


High performance commercial LED downlight

- 2x26W CFL direct replacement
- Structural heat sink removes the need for noisy and inefficient cooling fans
- CRI 90, ideal for retail applications

 5 year ext. warranty*


 Dimmable options available

 Emergency options available

 See p.41 for rim options

Classification

 Class 1**

 Class 2

IP20 (IP65 rim optional) | 240V

LED

4000K | CRI: Ra (90)

Finishes

See rim options on p.41

Construction

Body: Aluminium

Lens: Polycarbonate

Accessories

Rim options (see p.41):

JC5052 N / JC5054 / JC5060
/ JC5368 / JC5110 / JC5118

Installation

Cut out Ø: 212mm

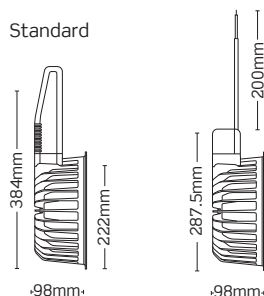
JC5410



~260mm~
~212mm~

Dimmable

Standard



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC5420**	Coral LED	4000K	No	24W	2200	92
JC5420DALI	Coral LED DALI	4000K	Yes	24W	2200	92
JC5420DSI	Coral LED DSI	4000K	Yes	24W	2200	92
JC5420/1-10V	Coral LED 1-10V	4000K	Yes	24W	2200	92
JC5420EM**	Coral LED emergency	4000K	No	24W	2200	92
JC5420EMDALI**	Coral LED DALI emergency	4000K	Yes	24W	2200	92
JC5420EMDSI**	Coral LED DSI emergency	4000K	Yes	24W	2200	92
JC5420EM/1-10V**	Coral LED 1-10V emergency	4000K	Yes	24W	2200	92
JC5410	Coral LED Concealer ring	-	-	-	-	-

Coral LED™ 32W

High output commercial LED downlight

- 2x32W CFL direct replacement
- Structural heat sink removes the need for noisy and inefficient cooling fans
- CRI 90, ideal for retail applications



5 year
ext. warranty*



Dimmable
options available



Emergency
options available



See p.41
for rim options

Classification

⊕ Class 1**

□ Class 2

IP20 (IP65 rim optional) | 240V

LED

4000K | CRI: Ra (90)

Finishes

See rim options on p.41

Construction

Body: Aluminium

Lens: Polycarbonate

Accessories

Rim options (see p.41):

JC5052 N / JC5054 / JC5060

/ JC5368 / JC5110 / JC5118

Installation

Cut out Ø: 212mm

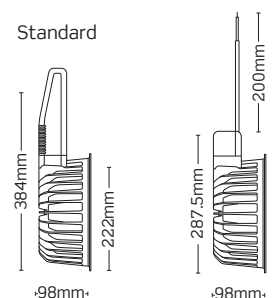
JC5410



-260mm-
-212mm-

Dimmable

Standard



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC5422**	Coral LED	4000K	No	32W	2800	88
JC5422DALI	Coral LED DALI	4000K	Yes	32W	2800	88
JC5422DSI	Coral LED DSI	4000K	Yes	32W	2800	88
JC5422/1-10V	Coral LED 1-10V	4000K	Yes	32W	2800	88
JC5422EM**	Coral LED emergency	4000K	No	32W	2800	88
JC5422EMDALI**	Coral LED DALI emergency	4000K	Yes	32W	2800	88
JC5422EMDSI**	Coral LED DSI emergency	4000K	Yes	32W	2800	88
JC5422EM/1-10V**	Coral LED 1-10V emergency	4000K	Yes	32W	2800	88
JC5410	Coral LED Concealer ring	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

Coral LED™ Rims

Rim accessories to complement the Coral LED range

- Rim options for final colour and decoration of Coral LED downlights
- IP65 rim option
- Dropped glass options
- Simple twist and lock fitting

✓ JC5052 N



✓ JC5110



✓ JC5118



✓ JC5054



✓ JC5060



✓ JC5368



Classification

IP65* / IP20

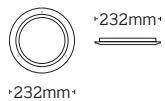
Finishes

Chrome, White

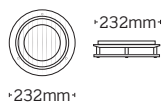
Construction

Rim: Aluminium

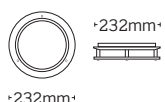
JC5052 N / JC5054
JC5060 / JC5368



JC5110



JC5118



Code	Description
JC5052 N	White aluminium rim
JC5110	White rim with dropped glass
JC5118	White rim with halo dropped glass
JC5054	Chrome aluminium rim
JC5060	White aluminium rim c/w frosted glass
JC5368	*IP65 rim attachment white rim/clear glass

Commercial Downlight


High performance commercial LED downlight

- High efficiency up to 113 Lumens per circuit Watt
- Quick and easy retrofit
- Zero maintenance, no need to relamp
- CRI 80, ideal for retail applications




NEW New product for 2018

 5 year ext. warranty*

 60° beam angle

Classification

 Class 2
IP54 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White

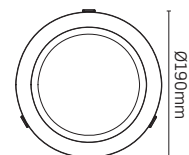
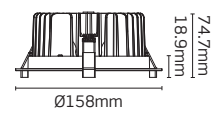
Construction

Body: Aluminium
Lens: Glass
Bezel: Aluminium

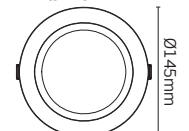
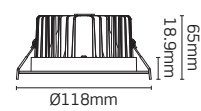
Installation

Cut out Ø:
18W/25W - 120-130mm
35W - 160-170mm

JC54302



JC54300 / JC54301



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC54300	Commercial Downlight	4000K	No	18W	1960	109
JC54301	Commercial Downlight	4000K	No	25W	2700	108
JC54302	Commercial Downlight	4000K	No	35W	3960	113

*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk


Commercial Gimbal Downlight

High performance retail LED downlight

NEW New product for 2018

 5 year ext. warranty*

 24°/45°/60° beam angle options

 Produced to order call 01243 838999

- 360° rotatable and 30° tiltable
- Zero maintenance, no need to relamp
- CRI 80, ideal for retail applications
- 24°, 45° and 60° beam angle options
- Produced to order, contact JCC customer services on **01243 838999**



Classification

Class 2
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White

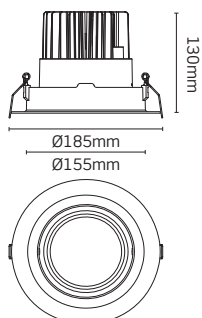
Construction

Body: Aluminium
Lens: Clear acrylic
Bezel: Aluminium

Installation

Cut out Ø: 155mm

JC54303 / JC54304 / JC54305



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC54303	Commercial Gimbal Downlight 24° beam	4000K	No	35W	3000	86
JC54304	Commercial Gimbal Downlight 45° beam	4000K	No	35W	3000	86
JC54305	Commercial Gimbal Downlight 60° beam	4000K	No	35W	3000	86


Produced to order, contact JCC customer services on **01243 838999**.

*Requires online registration.

Skydisc™ Aluminium

Aluminium IP65 dimmable commercial downlight

- 22mm height for shallow ceiling voids (40mm minimum void)
- Dimmable as standard, with both leading edge and trailing edge Triac dimmers
- Designed to complement Skytile colour temperature
- Lifelong consistent colour rendering



 5 year ext. warranty*

 Dimmable as standard

 Emergency options available



Classification

 Class 2
 Class 1 (JCEM001)
 IP65 | 240V

LED

4000K | CRI: Ra (82)
 4700K | CRI: Ra (82)

Finishes

White

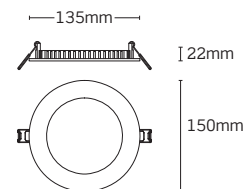
Construction

Body: Steel
 Diffuser: Polycarbonate
 Bezel: Aluminium

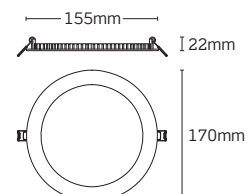
Installation

Cut out Ø: 10W - 138mm
 13W - 156mm

JC72380 / JC72384



JC72381 / JC72385



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72380	Skydisc Aluminium	4000K	Yes	10W	700	70
JC72384	Skydisc Aluminium	4700K	Yes	10W	700	70
JC72381	Skydisc Aluminium	4000K	Yes	13W	975	75
JC72385	Skydisc Aluminium	4700K	Yes	13W	975	75
JCEM001	Remote Emergency Pack	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Dimmable
as standard



Emergency
options available


Skydisc™ Aluminium


Aluminium IP65 dimmable commercial downlight

- 22mm height for shallow ceiling voids (40mm minimum void)
- Dimmable as standard, with both leading edge and trailing edge Triac dimmers
- Designed to complement Skytile colour temperature
- Lifelong consistent colour rendering



Classification

 Class 2

 Class 1 (JCEM001)

IP65 | 240V

LED

4000K | CRI: Ra (82)

4700K | CRI: Ra (82)

Finishes

White

Construction

Body: Steel

Diffuser: Polycarbonate

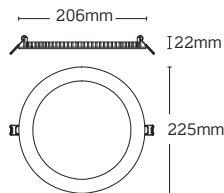
Bezel: Aluminium

Installation

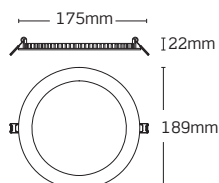
Cut out Ø: 17W - 178mm

21W - 210mm

JC72383 / JC72387



JC72382 / JC72386



All data sheets and installation sheets
available at jcc.co.uk


Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72382	Skydisc Aluminium	4000K	Yes	17W	1220	72
JC72386	Skydisc Aluminium	4700K	Yes	17W	1220	72
JC72383	Skydisc Aluminium	4000K	Yes	21W	1590	76
JC72387	Skydisc Aluminium	4700K	Yes	21W	1590	76
JCEM001	Remote Emergency Pack	-	-	-	-	-

*Requires online registration.

Skydisc™ Aluminium

Aluminium IP65, dimmable commercial downlight

- 22mm height for shallow ceiling voids (40mm minimum void)
- Dimmable as standard, with both leading edge and trailing edge Triac dimmers
- Designed to complement Skytile colour temperature
- Lifelong consistent colour rendering

 5 year ext. warranty*

 Dimmable as standard

 Emergency options available



Classification

Class 2
 Class 1 (JCEM001)
 IP65 | 240V

LED

4000K | CRI: Ra (82)
 4700K | CRI: Ra (82)

Finishes

White

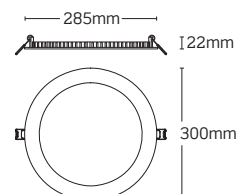
Construction

Body: Steel
 Diffuser: Polycarbonate
 Bezel: Aluminium

Installation

Cut out Ø: 285mm

JC72388 / JC7389



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72388	Skydisc Aluminium	4000K	Yes	25W	2400	96
JC72389	Skydisc Aluminium	4700K	Yes	25W	2400	96
JCEM001	Remote Emergency Pack	-	-	-	-	-


*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 Dimmable as standard

 Emergency options available

Classification

Class 2
 Class 1 (EM**00172**)
 IP65 | 240V

LED

4000K | CRI: Ra (80)
 4700K | CRI: Ra (80)

Finishes

White

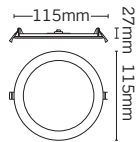
Construction

Body: Thermal plastic
 Diffuser: Polycarbonate
 Bezel: Polycarbonate

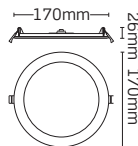
Installation

Cut out Ø:
 7W - 100-110mm
 13W - 150-160mm
 17W - 200-210mm
 23W - 200-230mm

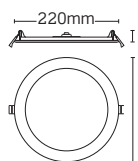
JC72501 / JC72505



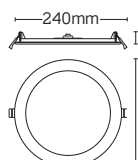
JC72502 / JC72506



JC72503 / JC72507



JC72504 / JC72508



All data sheets and installation sheets available at jcc.co.uk

Skydisc™ PC IP65

Dimmable, commercial downlight

- Polycarbonate construction
- Triac dimmable as standard
- Low profile design ideal for use in shallow voids
- IP65 suitable for use in bathrooms (internal use only)

✓ JC72501



✓ JC72504



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72501	Skydisc PC IP65	4000K	Yes	7W	650	93
JC72505	Skydisc PC IP65	4700K	Yes	7W	650	93
JC72502	Skydisc PC IP65	4000K	Yes	13W	1300	100
JC72506	Skydisc PC IP65	4700K	Yes	13W	1300	100
JC72503	Skydisc PC IP65	4000K	Yes	17W	1700	100
JC72507	Skydisc PC IP65	4700K	Yes	17W	1700	100
JC72504	Skydisc PC IP65	4000K	Yes	23W	2100	91
JC72508	Skydisc PC IP65	4700K	Yes	23W	2100	91
EM00172	Plug and Play Emergency Pack	-	-	-	-	-

*Requires online registration.

Skydisc™ PC IP20

IP20 commercial downlight

- Polycarbonate construction
- Three sizes available
- Ultra low profile design
- Non-dimmable


✓ JC72401



✓ JC72403



NEW New product for 2018

 3 year ext. warranty*

 Emergency options available

Classification

Class 2
 Class 1 (EM**00172**)
 IP20 | 240V

LED

4000K | CRI: Ra (80)
 4700K | CRI: Ra (80)

Finishes

White

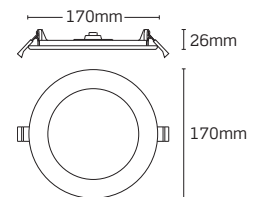
Construction

Body: Polycarbonate
 Diffuser: Polycarbonate
 Bezel: Polycarbonate

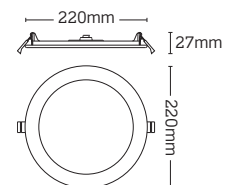
Installation

Cut out Ø:
 10W - 150-160mm
 16W - 200-210mm
 22W - 220-230mm

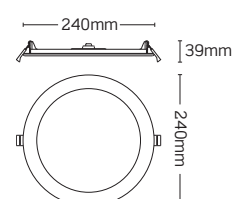
JC72401 / JC72404



JC72402 / JC72405



JC72403 / JC72406



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72401	Skydisc PC IP20	4000K	No	10W	770	77
JC72404	Skydisc PC IP20	4700K	No	10W	770	77
JC72402	Skydisc PC IP20	4000K	No	16W	1300	81
JC72405	Skydisc PC IP20	4700K	No	16W	1300	81
JC72403	Skydisc PC IP20	4000K	No	22W	1750	80
JC72406	Skydisc PC IP20	4700K	No	22W	1750	80
EM00172	Plug and Play Emergency Pack	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



Trains to Newcastle every 15 minutes

Baggage

South Festival

SOUTH FESTIVAL

IT'S HAPPENING www.visitsouthtyneside.co.uk

WET FLOOR

Surface Downlight 10W


Cylindrical surface mounted LED downlight

- Stylish design ideal for contemporary commercial applications
- Quick and simple surface mount installation
- Available in black and white finishes
- Triac dimmable as standard



NEW New product for 2018

 3 year ext. warranty*


 60° beam angle

 Dimmable as standard



 JC84301BLK

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

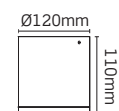
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

JC84300 / JC84301



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84301	Surface Downlight	3000K	Yes	10W	800	80
JC84300	Surface Downlight	4000K	Yes	10W	950	95


For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*


 60° beam angle

 Dimmable as standard



 JC84303BLK

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

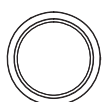
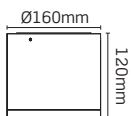
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

JC84302 / JC84303



All data sheets and installation sheets available at jcc.co.uk

Surface Downlight 25W

Cylindrical surface mounted LED downlight

- Stylish design ideal for contemporary commercial applications
- Quick and simple surface mount installation
- Available in black and white finishes
- Triac dimmable as standard



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84303	Surface Downlight	3000K	Yes	25W	2540	102
JC84302	Surface Downlight	4000K	Yes	25W	2910	116

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Surface Downlight 35W


Cylindrical surface mounted LED downlight

- Stylish design ideal for contemporary commercial applications
- Quick and simple surface mount installation
- Available in black and white finishes
- Triac dimmable as standard
- **JC84305** Produced to order, contact JCC customer services on **01243 838999**



NEW New product for 2018

 3 year ext. warranty*


 60° beam angle

 Dimmable as standard



 **JC84305BLK**

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

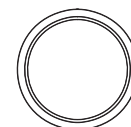
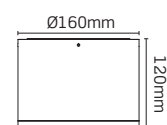
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

JC84304 / JC84305



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84305	Surface Downlight	3000K	Yes	35W	3370	96
JC84304	Surface Downlight	4000K	Yes	35W	3720	106

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



Surface High Output 25W


High output cylindrical surface mounted LED downlight

- Stylish design ideal for contemporary commercial applications
- Quick and simple surface mount installation
- Ultra efficient, up to 121 Lumens per circuit Watt
- 24°, 45° and 60° beam angle options available
- Produced to order, contact JCC customer services on **01243 838999**



NEW New product for 2018

 5 year ext. warranty*


 20°/45°/60° beam angle options

 Produced to order call 01243 838999



 JC84306BLK

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

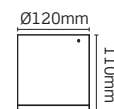
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

Surface Downlight 25W



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84306	Surface Downlight 24° beam	3000K	No	25W	2750	110
JC84309	Surface Downlight 24° beam	4000K	No	25W	3025	121
JC84307	Surface Downlight 45° beam	3000K	No	25W	2750	110
JC84310	Surface Downlight 45° beam	4000K	No	25W	3025	121
JC84308	Surface Downlight 60° beam	3000K	No	25W	2750	110
JC84311	Surface Downlight 60° beam	4000K	No	25W	3025	121

For Black add **BLK** suffix, for White add **WH** suffix.

Produced to order, contact JCC customer services on **01243 838999**.



New product
for 2018



5 year
ext. warranty*



20°/45°/60°
beam angle options



Produced to order
call 01243 838999



JC84312BLK

Classification

Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

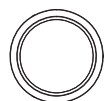
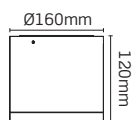
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

Surface Downlight 35W



All data sheets and installation sheets
available at jcc.co.uk

Surface High Output 35W

High output cylindrical surface mounted LED downlight

- Stylish design ideal for contemporary commercial applications
- Quick and simple surface mount installation
- Ultra efficient, up to 120 Lumens per circuit Watt
- 24°, 45° and 60° beam angle options available
- Produced to order, contact JCC customer services on **01243 838999**



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84312	Surface Downlight 24° beam	3000K	No	35W	3850	110
JC84315	Surface Downlight 24° beam	4000K	No	35W	4200	120
JC84313	Surface Downlight 45° beam	3000K	No	35W	3850	110
JC84316	Surface Downlight 45° beam	4000K	No	35W	4200	120
JC84314	Surface Downlight 60° beam	3000K	No	35W	3850	110
JC84317	Surface Downlight 60° beam	4000K	No	35W	4200	120

For Black add **BLK** suffix, for White add **WH** suffix.

Produced to order, contact JCC customer services on **01243 838999**.

*Requires online registration.



LED Panels

58
Skytile®



60
Skytile® UGR



62
Skytile® Sense



66
Skytile® Direct Indirect



68
Skytile® Base



70
Skytile® Linear



72
Skytile® Mount Box



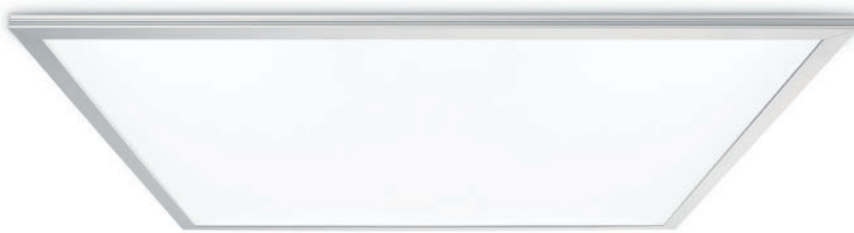
73
Skytile® Suspension Kit




Skytile® 28W


High performance LED 28W flat panel

- Outperforms traditional 4x18W fluorescent
- 7 year extended warranty, including 2 year on-site support
- Up to 107 lumens per circuit Watt
- Available in three colour temperatures 3000K, 4000K and 4700K
- Suspension kit and surface mount box available



 7 year ext. warranty* (incl. 2 year on-site)

 Dimmable options available



 Sensing options available

 Emergency options available



White frame - JC71276WH

Classification

-  Class 2
 -  Class 1 (EM00172)
- IP44 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)
4700K | CRI: Ra (80)

Finishes

Silver, White (WH)**

Construction

Body: Aluminium
Diffuser: Opal polycarbonate

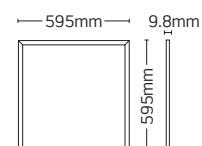
Accessories

Surface mount box JC71262 (see p.72), 1.5m Suspension kit JC71311 (see p.73)

Installation

Cut out: 600mm x 600mm

JC71351



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71351	Skytile	3000K	No	28W	2700	96
JC71351DALI	Skytile DALI	3000K	Yes	28W	2700	96
JC71351DSI	Skytile DSI	3000K	Yes	28W	2700	96
JC71351/1-10V	Skytile 1-10V	3000K	Yes	28W	2700	96
JC71355	Skytile	4000K	No	28W	3000	107
JC71355DALI	Skytile DALI	4000K	Yes	28W	3000	107
JC71355DSI	Skytile DSI	4000K	Yes	28W	3000	107
JC71355/1-10V	Skytile 1-10V	4000K	Yes	28W	3000	107
JC71276	Skytile	4700K	No	28W	3000	107
JC71276DALI	Skytile DALI	4700K	Yes	28W	3000	107
JC71276DSI	Skytile DSI	4700K	Yes	28W	3000	107
JC71276/1-10V	Skytile 1-10V	4700K	Yes	28W	3000	107
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
SPR0579	Armstrong oracle T-Clip Bracket	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-

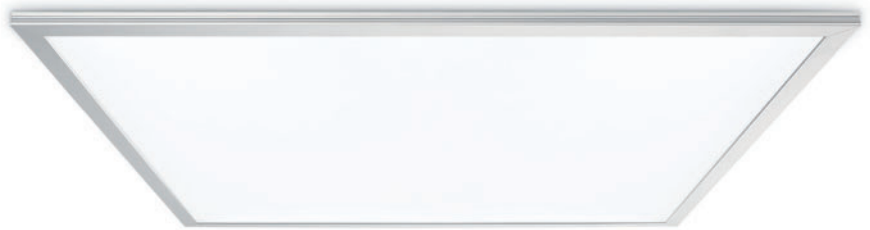
**For White add WH suffix (available for 4700K options only).

Skytile® 36W

High performance LED 36W flat panel

-  7 year ext. warranty* (incl. 2 year on-site)
-  Dimmable options available
-  Emergency options available

- Ideal for higher ceilings over 2.8m
- 7 year extended warranty, including 2 year on-site support
- Up to 106 lumens per circuit Watt
- Available in three colour temperatures 3000K, 4000K and 4700K
- Suspension kit and surface mount box available



Classification

- Class 2
 - Class 1 (EM00172)
- IP44 | 240V

LED

- 3000K | CRI: Ra (80)
- 4000K | CRI: Ra (80)
- 4700K | CRI: Ra (80)

Finishes

Silver

Construction

Body: Aluminium
Diffuser: Opal polycarbonate

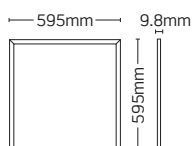
Accessories

Surface mount box **JC71262**
(see p.72), 1.5m Suspension kit
JC71311 (see p.73)

Installation

Cut out: 600mm x 600mm

JC71353



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71353	Skytile	3000K	No	36W	3500	97
JC71353DALI	Skytile DALI	3000K	Yes	36W	3500	97
JC71353DSI	Skytile DSI	3000K	Yes	36W	3500	97
JC71353/1-10V	Skytile 1-10V	3000K	Yes	36W	3500	97
JC71357	Skytile	4000K	No	36W	3800	106
JC71357DALI	Skytile DALI	4000K	Yes	36W	3800	106
JC71357DSI	Skytile DSI	4000K	Yes	36W	3800	106
JC71357/1-10V	Skytile 1-10V	4000K	Yes	36W	3800	106
JC71277	Skytile	4700K	No	36W	3800	106
JC71277DALI	Skytile DALI	4700K	Yes	36W	3800	106
JC71277DSI	Skytile DSI	4700K	Yes	36W	3800	106
JC71277/1-10V	Skytile 1-10V	4700K	Yes	36W	3800	106
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
SPR0579	Armstrong oracle T-Clip Bracket	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-

*Requires online registration.

Skytile[®] UGR

Engineered to reduce glare

Skytile[®] UGR has been developed with innovative nano-structure technology that minimises glare and refocuses the light downwards ensuring that the light is directed to the desired area.

LED COLOUR TEMPERATURES

A choice of either 4000K or 4700K colour temperature can be selected using the plug and play connector.

EXCEPTIONALLY STRONG & LIGHTWEIGHT STRUCTURE

Skytile[®] is lightweight and easy to handle with maximum strength and durability.

INNOVATIVE LIGHT TRANSMITTER

The surface properties of the 'light transmitter' ensures light moves evenly throughout the fitting. The 'light pixels' covered base transmits all the light into the polycarbonate diffuser.



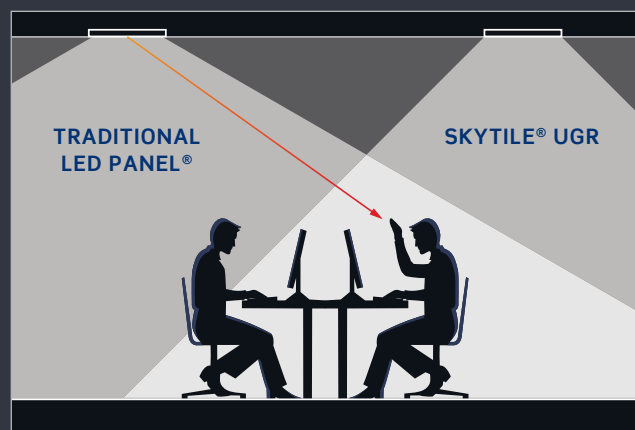
LOW GLARE POLYCARBONATE LIGHT DIFFUSER

Optically engineered polycarbonate diffuser provides smooth, even light distribution and focuses light downwards to desired area, assisting with UGR19 compliancy.

The importance of UGR


LED panels have progressively increased in lumen output since their introduction, which has made glare an issue in some workplace environments. The requirement to reduce glare has now become an important factor in ensuring the wellbeing of employees.


- ✓ Same LUX levels on the working plane
- ✓ Improved visual comfort in the workplace
- ✓ Reduced eye strain from traditional LED panels



NEW New product for 2018

 7 year ext. warranty* (incl. 2 year on-site)

 Dimmable options available

 Sensing options available

 Emergency options available



 Two colour selectable 4000K and 4700K

Classification

Class 2
 Class 1 (EM00172)
 IP44 | 240V

LED

4000K | CRI: Ra (80)
 4700K | CRI: Ra (80)

Finishes

White

Construction

Body: Aluminium
 Diffuser: Opal Polycarbonate

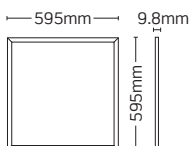
Accessories

Surface mount box **JC71262**
 (see p.72), 1.5m Suspension kit
JC71311 (see p.73)

Installation

Cut out: 600mm x 600mm

JC71276 / JC71276UGR

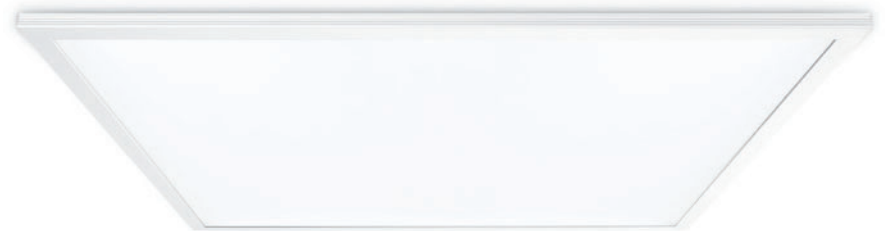


All data sheets and installation sheets available at jcc.co.uk

Skytile® UGR

Low glare version of Skytile LED panel

- Specifically engineered to reduce glare
- Assists with sub UGR19 when mounted at standard 2.8m ceiling height
- Designed to comply with BS EN 12464-1 lighting of work places
- Suspension kit and surface mount box available
- Two colour selectable plug and play connector
- 7 year extended warranty, including 2 year on-site support
- DALI, DSI, 1-10V and Presence Detection dimming options available



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71276UGR	Skytile UGR	4000K and 4700K	No	28W	2700	96
JC71276UGRDALI	Skytile UGR DALI	4000K and 4700K	Yes	28W	2700	96
JC71276UGRDSI	Skytile UGR DSI	4000K and 4700K	Yes	28W	2700	96
JC71276UGR/1-10V	Skytile UGR 1-10V	4000K and 4700K	Yes	28W	2700	96
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
SPR0579	Armstrong oracle T-Clip Bracket	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-

*Requires online registration.



Skytile[®] Sense PD

Integrated driver/sensor with intelligent presence detection



1 INTEGRATED SENSOR TECHNOLOGY

The integrated driver-sensor simply attaches to the back of the Skytile[®] using magnets, creating an effortless installation. The technology used within the integrated driver-sensor allows detection through the panel, meaning no additional sensors or cutouts are required.

3 MICROWAVE PRESENCE DETECTION

Skytile[®] Sense PD uses a microwave presence detection technology to ensure that only areas that are occupied are illuminated, therefore significantly reducing energy consumption and running costs.

2 WIRED IN SYNCHRONISED BANKS

Control which lights turn on once a sensor picks up movement by wiring the panels on one or numerous banks. All sensors within the designated bank act as masters and slaves, meaning that if any one of the sensors behind the panel is activated by motion, it will trigger all other lights in the bank.


4 VARIABLE DETECTION AREA


Adjust the detection area of the sensor by using the simple dipswitch controls. Two options are available, 100% for full area detection such as open office spaces or 50% detection for narrower applications such as corridors and aisle racking.

Skytile® Sense PD

LED panel with microwave presence detection

 7 year ext. warranty* (incl. 2 year on-site)



 Sensing options available

 Emergency options available



White frame - JC71276UGRPD

Classification

 Class 2
 Class 1 (EM00172)
 IP44 | 240V

LED

4000K | CRI: Ra (80)
 4700K | CRI: Ra (80)

Finishes

Silver,
 White (JC71276UGRPD only)

Construction

Body: Aluminium
 Diffuser: Opal Polycarbonate

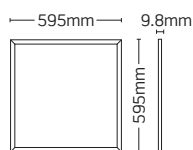
Accessories

Surface mount box JC71262 (see p.72), 1.5m Suspension kit JC71311 (see p.73)

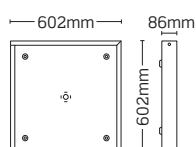
Installation

Cut out: 600mm x 600mm

JC71276PD / JC71355PD / JC-71276UGRPD



JC71262



All data sheets and installation sheets available at jcc.co.uk

- Microwave step-dimmable to 10%, 25% and 50% levels
- Sensors can be wired in synchronised banks for seamless office integration
- Variable LED hold time and standby period
- Achieve up to an additional 50% energy saving against standard Skytile



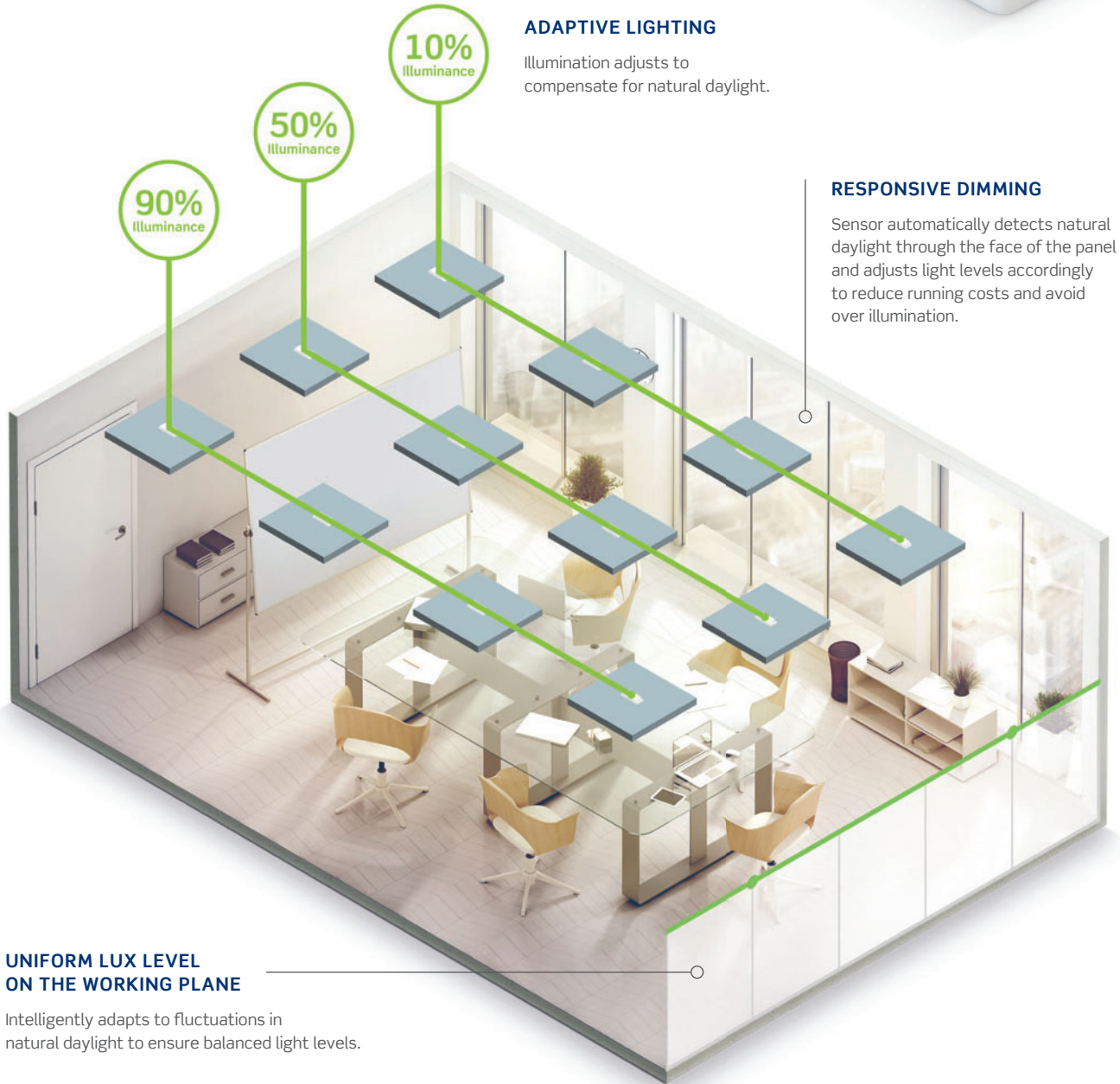
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71276PD	Skytile Sense PD	4700K	No	28W	3000	107
JC71355PD	Skytile Sense PD	4000K	No	28W	3000	107
JC71276UGRPD	Skytile UGR PD	4000K and 4700K	Yes	28W	2700	96
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-

(UGR white finish only, no suffix required).

*Requires online registration.

Skytile[®] Sense DH

Integrated driver/sensor with intelligent daylight harvesting



UNIFORM LUX LEVEL ON THE WORKING PLANE

Intelligently adapts to fluctuations in natural daylight to ensure balanced light levels.

The next big leap in energy savings

Maintaining optimal light level without over illuminating the workspace environment is a fantastically simple way of saving energy and costs. The integrated light sensor in Skytile[®] Sense DH has been engineered to continuously detect and monitor ambient daylight within the work space environment.

Throughout the day, Skytile[®] will automatically dim and brighten in order to balance LED light with natural light fluctuations through nearby windows, to meet a target LUX level that has been pre-set by the user adjusting the dip switches on the driver.


BENEFITS

- ✓ Intelligently adapts to fluctuations in natural daylight
- ✓ Significant reductions in running costs
- ✓ Simple initial dip switch setup
- ✓ No need for additional wiring or sensors

Skytile[®] Sense DH

LED panel with intelligent daylight harvesting

 7 year ext. warranty* (incl. 2 year on-site)

 Emergency options available



White frame - JC71276DHW

Classification

- Class 2
 - Class 1 (EM00172)
- IP44 | 240V

LED

4000K | CRI: Ra (80)
4700K | CRI: Ra (80)

Finishes

Silver

Construction

Body: Aluminium
Diffuser: Opal Polycarbonate

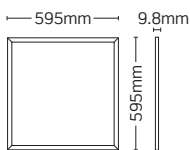
Accessories

Surface mount box JC71262 (see p.72), 1.5m Suspension kit JC71311 (see p.73)

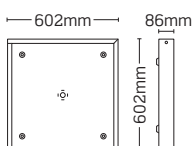
Installation

Cut out: 600mm x 600mm

JC71276/JC71276DH / JC71355DH



JC71262



All data sheets and installation sheets available at jcc.co.uk

- Integrated driver technology - combined driver with photocell
- Intelligently adapts light level to fluctuations in natural daylight
- Achieve up to an additional 60% energy saving against standard Skytile
- No need for additional wiring or commissioning



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71276DH	Skytile Sense DH	4700K	No	28W	3000	107
JC71355DH	Skytile Sense DH	4000K	No	28W	3000	107
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-

*For White frame add **WH** suffix

*Requires online registration.

Skytile[®] Direct/Indirect

Architectural Direct/Indirect modular luminaire

Contemporary low glare design, ideal for a wide range of applications

Skytile[®] Direct/Indirect's recessed tri-panel configuration combined with high performance LED chips and nano technology low glare diffuser makes it the ideal solution for any contemporary installation.

NANO TECHNOLOGY DIFFUSER

Low glare polycarbonate nano diffuser.

MINIMAL WHITE STEEL FRAME

Suitable for installation into 15mm and 25mm lay in T bar ceiling systems.

SMOOTH EVEN LIGHT DISTRIBUTION

Harmonised illuminated appearance.

HIGH PERFORMANCE CENTRAL DIFFUSER

Maximises light levels on the working plane.





Backlit panel construction


Three parallel rows of high efficiency LED chips focus light directly towards each light panel creating a unique style and maximising LED performance.

- ✓ Smooth even light distribution.
- ✓ High efficiency.
- ✓ Low glare.

NEW New product for 2018

 5 year ext. warranty*

 Dimmable options available

 Emergency options available

Skytile® Direct/Indirect

Architectural direct/indirect modular luminaire

- Nano diffuser specifically engineered to reduce visual discomfort
- Assists with compliance of UGR19 lit space
- Designed to comply with BS EN 12464-1 lighting of work places
- 4000K colour temperature as standard to match JCC commercial offering
- Smooth, even light distribution



Classification

Class 2
 Class 1 (EM00172)
 IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White

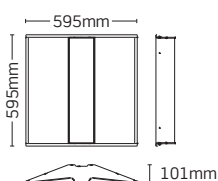
Construction

Body: Steel
 Diffuser: Polycarbonate

Installation

Cut out: 600mm x 600mm

Skytile Direct/Indirect



All data sheets and installation sheets available at jcc.co.uk

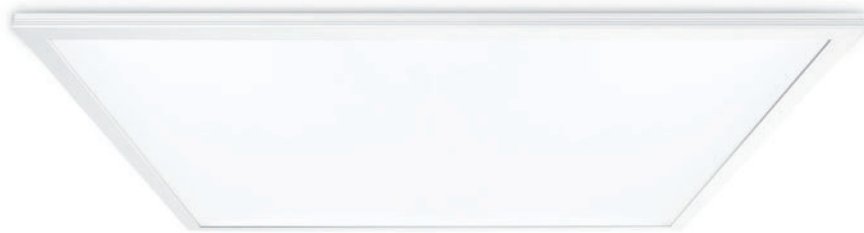
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71376	Skytile Direct/Indirect	4000K	No	35W	3400	97
JC71376DALI	Skytile Direct/Indirect DALI	4000K	Yes	35W	3400	97
JC71376DSI	Skytile Direct/Indirect DSI	4000K	Yes	35W	3400	97
JC71376/1-10V	Skytile Direct/Indirect 1-10V	4000K	Yes	35W	3400	97
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-

*Requires online registration.

Skytile[®] Base

Direct fluorescent replacement

- 32W LED flat panel
- 88 lumens per circuit Watt
- 4200K colour temperature
- IP20 protection



3 year
ext. warranty*



Emergency
options available

Classification

- Class 2
 - ⊕ Class 1 (EM00172)
- IP20 | 240V

LED

4200K | CRI: Ra (80)

Finishes

White

Construction

Body: Aluminium
Diffuser: Opal polycarbonate

Accessories

Surface mount box **JC71262**
(see p.72), 1.5m Suspension kit
JC71311 (see p.73)

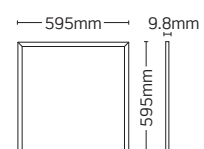
Installation

Cut out: 600mm x 600mm

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71676	Skytile Base	4200K	No	32W	2800	88
SPR0579	Armstrong oracle T-Clip Bracket	-	-	-	-	-
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71262	600 x 600mm Surface mount box	-	-	-	-	-

*Requires online registration.

JC71676



All data sheets and installation sheets
available at jcc.co.uk




Skytile® Linear 1200 x 300

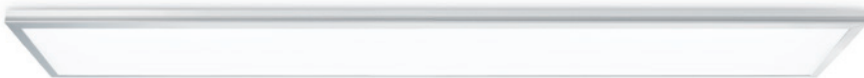
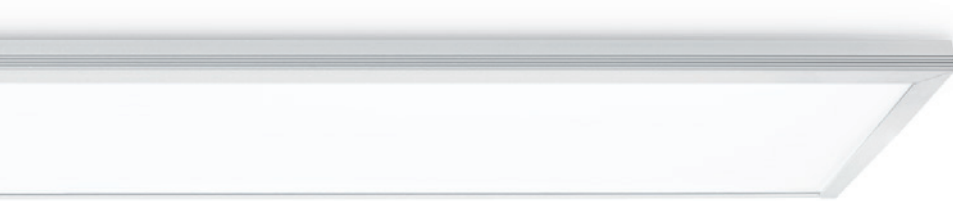
High performance linear LED flat panels

- High performance LED 36W recessed LED flat panel
- Quick and easy installation
- 7 year extended warranty, including 2 year on-site support
- 100 lumens per circuit Watt



 7 year ext. warranty*
(incl. 2 year on-site)

 Dimmable
options available

 Emergency
options available



Classification

 Class 2
 Class 1 (EM**00172**)
IP44 | 240V

LED

4700K | CRI: Ra (80)

Finishes

Silver

Construction

Body: Aluminium
Diffuser: Opal polycarbonate

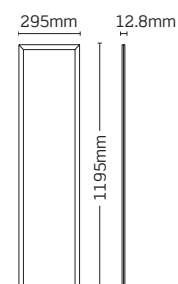
Accessories

Surface mount box **JC71299**
(see p.72), 1.5m Suspension kit
JC71311 (see p.73)

Installation

Cut out: 1200mmx300mm

JC71359



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71359	Skytile Linear	4700K	No	36W	3600	100
JC71359/DALI	Skytile Linear DALI	4700K	Yes	36W	3600	100
JC71359/DSI	Skytile Linear DSI	4700K	Yes	36W	3600	100
JC71359/1-10V	Skytile Linear 1-10V	4700K	Yes	36W	3600	100
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
JC71311	4 wire suspension kit (1.5m)	-	-	-	-	-
JC71299	1200 x 300mm Surface mount box	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

Skytile® Linear 1200 x 600

High performance linear LED flat panels



7 year ext. warranty*
(incl. 2 year on-site)

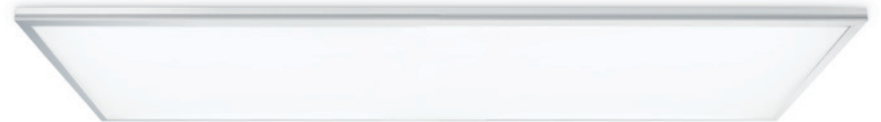
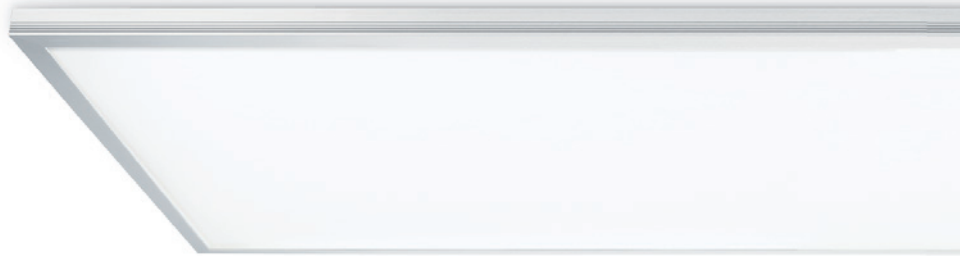


Dimmable
options available



Emergency
options available

- High performance LED 44W recessed LED flat panel
- Quick and easy installation
- 7 year extended warranty, including 2 year on-site support
- 100 lumens per circuit Watt



Classification

Class 2

Class 1 (EM00172)

IP44 | 240V

LED

4700K | CRI: Ra (80)

Finishes

Silver

Construction

Body: Aluminium

Diffuser: Opal polycarbonate

Accessories

Surface mount box JC71295

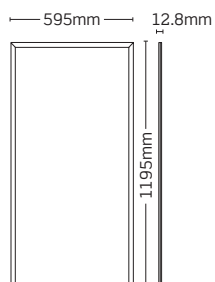
(see p.72), 1.5m Suspension kit

JC71312 (see p.73)

Installation

Cut out: 1200mmx600mm

JC71361



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71361	Skytile Linear	4700K	No	44W	4400	100
JC71361/DALI	Skytile Linear DALI	4700K	Yes	44W	4400	100
JC71361/DSI	Skytile Linear DSI	4700K	Yes	44W	4400	100
JC71361/1-10V	Skytile Linear 1-10V	4700K	Yes	44W	4400	100
EM00172	Plug and Play Emergency Pack	-	-	-	-	-
JC71312	6 wire suspension kit (1.5m)	-	-	-	-	-
JC71295	1200 x 600mm Surface mount box	-	-	-	-	-

*Requires online registration.

Skytile® Surface Mount Box

For solid ceiling installation

- Skytile and Skytile Linear versions available
- Suitable for emergency versions
- White finish
- Pressed steel construction



2 year
product guarantee

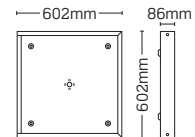
Finishes

White

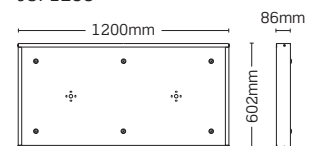
Construction

Body: Pressed steel

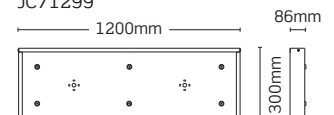
JC71262



JC71295



JC71299



Code	Description
JC71262	600 x 600mm Surface mount box
JC71295	1200 x 600mm Surface mount box
JC71299	1200 x 300mm Surface mount box

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



2 year
product guarantee

Skytile[®] Suspension Kit

Suitable for use with all Skytile products

- Supplied with 4 or 6 catenary wires measured at 1.5m
- Collar locking mechanism to adjust length
- For both ceiling and cable tray mounting



JC71311 / JC71312



All data sheets and installation sheets
available at jcc.co.uk

Code	Description
JC71311	4 wire suspension kit (1.5m) suitable for 600 x 600 & 1200 x 300
JC71312	6 wire suspension kit (1.5m) suitable for 1200 x 600

*Requires online registration.



Commercial Linear LED

77

Skypack™
Quick Release



80

Skypack™



82

Skypack™
High Output



86

ToughLED™
Weatherproof



90

ToughLED™
High Output



92

Skytile® Surface



96

OxfordLED™



98

Line of Light



The Skypack™ Range

The new expanded range of high performance LED battens



UP TO
120 LPCW
LUMENS PER CIRCUIT WATT

Skypack™ Quick Release

Skypack™ Quick Release uses an innovative dual button mechanism to make installation quick and simple, ensuring that the LED tray and diffuser remains secure during the product lifetime. (see p.77).

KEY FEATURES:

- ✓ Intelligent press release buttons for simple installation
- ✓ 4ft, 5ft and 6ft standard and emergency versions
- ✓ 3 year extended warranty*



UP TO
128 LPCW
LUMENS PER CIRCUIT WATT

Skypack™

Skypack™ features a unique slide and lock mechanism for quick and easy installation compared to traditional fluorescent and other LED battens. This ensures installation time is minimised and downtime reduced. (see p.80).

KEY FEATURES:

- ✓ Unique slide & lock design for ultra fast installation
- ✓ 4ft and 5ft standard and emergency versions
- ✓ 5 year extended warranty*



UP TO
138 LPCW
LUMENS PER CIRCUIT WATT


Skypack™ High Output


Skypack™ High Output has been engineered to exceed traditional fluorescent light output and is ideal for areas requiring greater light output such as higher ceilings, retail and production applications (see p.82).

KEY FEATURES:

- ✓ Up to 71% greater light output than T8 fluorescent
- ✓ 4ft, 5ft and 6ft standard and emergency versions
- ✓ 5 year extended warranty*

NEW New product for 2018

 3 year ext. warranty*

 Emergency options available

Skypack™ Quick Release 4ft

Intelligent press release design

- Intelligent press release buttons for simple installation
- Ultra efficient, up to 120 lumens per circuit Watt
- Suitable for temperatures -10°C to 50°C
- Press fit terminals, loop in loop out
- Rear and end conduit entry points
- Suspended LED tray for easy installation



Classification

⊕ Class 1
IP20 | 240V
(Emergency versions consume 2W when charging)

LED

4000K | CRI: Ra (80)

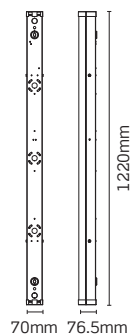
Finishes

White

Construction

Body: Steel
Diffuser: Polycarbonate

JC71741 / JC71742



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71741	Skypack QR 4ft single	4000K	No	23W	2760	120
JC71741EM	Skypack QR 4ft single emergency	4000K	No	25W	2760	110
JC71742	Skypack QR 4ft twin	4000K	No	40W	4800	120
JC71742EM	Skypack QR 4ft twin emergency	4000K	No	42W	4800	114

*Requires online registration.

Skypack™ Quick Release 5ft

Intelligent press release design

- Intelligent press release buttons for simple installation
- Ultra efficient, up to 120 lumens per circuit Watt
- Suitable for temperatures -10°C to 50°C
- Press fit terminals, loop in loop out
- Rear and end conduit entry points
- Suspended LED tray for easy installation

NEW New product for 2018

 3 year ext. warranty*

 Emergency options available



Classification

⚡ Class 1
IP20 | 240V
(Emergency versions consume 2W when charging)

LED

4000K | CRI: Ra (80)

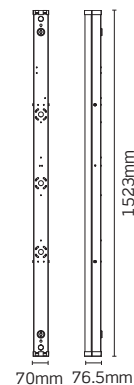
Finishes

White

Construction

Body: Steel
Diffuser: Polycarbonate

JC71743 / JC71744





Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71743	Skypack QR 5ft single	4000K	No	37W	4440	120
JC71743EM	Skypack QR 5ft single emergency	4000K	No	39W	4440	113
JC71744	Skypack QR 5ft twin	4000K	No	60W	7200	120
JC71744EM	Skypack QR 5ft twin emergency	4000K	No	62W	7200	116

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 Emergency options available


Skypack™ Quick Release 6ft

Intelligent press release design

- Intelligent press release buttons for simple installation
- Ultra efficient, up to 120 lumens per circuit Watt
- Suitable for temperatures -10°C to 50°C
- Press fit terminals, loop in loop out
- Rear and end conduit entry points
- Suspended LED tray for easy installation



Classification

 Class 1
IP20 | 240V
(Emergency versions consume 2W when charging)

LED

4000K | CRI: Ra (80)

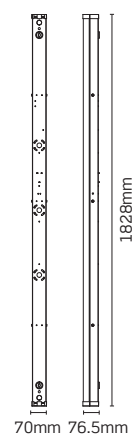
Finishes

White

Construction

Body: Steel
Diffuser: Polycarbonate

JC71745



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71745	Skypack QR 6ft single	4000K	No	54W	6480	120
JC71745EM	Skypack QR 6ft single emergency	4000K	No	56W	6480	116


*Requires online registration.

Skypack™ 4ft

LED batten with hinged design installation

- Retrofit point for point conduit entry
- Hinged LED tray for simple installation
- Smooth, even light distribution, no visible hotspots
- Press-fit termination


 5 year ext. warranty*

 Sensing options available

 Emergency options available



Classification

 Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White

Construction

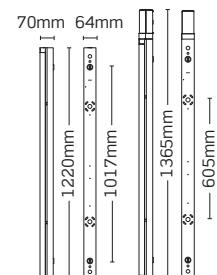
Body: Steel
Diffuser: Opal polycarbonate

Accessories

Skypack in-line connector
(JC71730)

Code	Description	Col tem	Dim.	Watt	Lumens	LpcW
JC71701	Skypack 4ft single	4000K	No	20W	2500	125
JC71701MW	Single 4ft single m/w on/off	4000K	No	20W	2500	125
JC71701EM	Skypack 4ft single emerg.	4000K	No	20W	2500	125
JC71701MWEM	Single 4ft single m/w on/off emerg.	4000K	No	20W	2500	125
JC71703	Skypack 4ft twin	4000K	No	40W	5100	128
JC71703MW	Skypack 4ft twin m/w on/off	4000K	No	40W	5100	128
JC71703EM	Skypack 4ft twin emerg.	4000K	No	40W	5100	128
JC71703MWEM	Skypack 4ft twin m/w on/off emerg.	4000K	No	40W	5100	128
JC71730	Skypack in-line cont. connector	-	-	-	-	-





JC71701 / JC71703



*Requires online registration.

Skypack™ 5ft


LED batten with hinged design installation

-  5 year ext. warranty*
-  Dimmable options available
-  Sensing options available
-  Emergency options available

- Retrofit point for point conduit entry
- Hinged LED tray for simple installation
- Smooth, even light distribution, no visible hotspots
- Press-fit termination
- DALI and 1-10V dimmable options available



Classification

 Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White

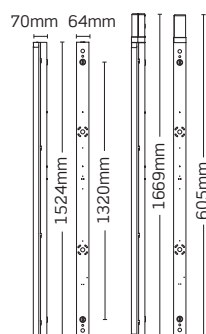
Construction

Body: Steel
Diffuser: Opal polycarbonate

Accessories

Skypack in-line connector
(JC71730)

JC71705 / JC71707



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71705	Skypack 5ft single	4000K	No	30W	3700	124
JC71705DIM	Skypack 5ft single DALI/1-10V	4000K	Yes	30W	3700	124
JC71705MW	Skypack 5ft single m/w on/off	4000K	No	30W	3700	124
JC71705SD	Skypack 5ft single m/w step dim	4000K	-	30W	3700	124
JC71705EM	Skypack 5ft single emerg.	4000K	No	30W	3700	124
JC71705EMDIM	Single 5ft single DALI/1-10V emerg.	4000K	Yes	30W	3700	124
JC71705MWEM	Single 5ft single m/w on/off emerg.	4000K	No	30W	3700	124
JC71705EMSD	Single 5ft single m/w step dim emerg.	4000K	-	30W	3700	124
JC71707	Skypack 5ft twin	4000K	No	60W	7300	122
JC71707DIM	Skypack 5ft twin DALI/1-10V	4000K	Yes	60W	7300	122
JC71707MW	Skypack 5ft twin m/w On/off	4000K	No	60W	7300	122
JC71707SD	Skypack 5ft twin m/w step dim	4000K	-	60W	7300	122
JC71707EM	Skypack 5ft twin emerg.	4000K	No	60W	7300	122
JC71707EMDIM	Skypack 5ft twin DALI/1-10V emerg.	4000K	Yes	60W	7300	122
JC71707MWEM	Skypack 5ft twin m/w On/off emerg.	4000K	No	60W	7300	122
JC71707EMSD	Skypack 5ft twin m/w step dim emerg.	4000K	-	60W	7300	122
JC71730	Skypack in-line cont. connector	-	-	-	-	-


*Requires online registration.


Skypack™ High Output 4ft


High output LED batten

- Up to 41% greater light output than traditional 36W T8
- Retrofit point for point conduit entry
- Hinged LED tray for simple installation
- Smooth, even light distribution, no visible hotspots
- Press-fit termination
- DALI and 1-10V dimmable options available

 5 year ext. warranty*


 Dimmable options available

 Sensing options available

 Emergency options available



Classification

 Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finish

White

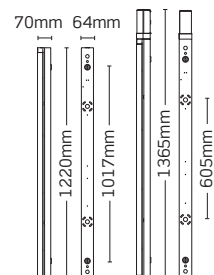
Construction

Body: Steel
Diffuser: Opal polycarbonate

Accessories

Skypack in-line connector
(JC71730)

JC71702 / JC71704



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71702	Skypack 4ft single	4000K	No	30W	4000	133
JC71702DIM	Skypack 4ft single DALI/1-10V	4000K	Yes	30W	4000	133
JC71702MW	Skypack 4ft single m/w on/off	4000K	No	30W	4000	133
JC71702SD	Skypack 4ft single m/w step dim	4000K	-	30W	4000	133
JC71702EM	Skypack 4ft single em.	4000K	No	30W	4000	133
JC71702EMDIM	Skypack 4ft single DALI/1-10V em.	4000K	Yes	30W	4000	133
JC71702MWEM	Skypack 4ft single m/w on/off em.	4000K	No	30W	4000	133
JC71702EMSD	Skypack 4ft single m/w step dim em.	4000K	-	30W	4000	133
JC71704	Skypack 4ft twin	4000K	No	55W	7600	138
JC71704DIM	Skypack 4ft twin DALI/1-10V	4000K	Yes	55W	7600	138
JC71704MW	Skypack 4ft twin m/w on/off	4000K	No	55W	7600	138
JC71704SD	Skypack 4ft twin m/w step dim	4000K	-	55W	7600	138
JC71704EM	Skypack 4ft twin em.	4000K	No	55W	7600	138
JC71704EMDIM	Skypack 4ft twin DALI/1-10V em.	4000K	Yes	55W	7600	138
JC71704MWEM	Skypack 4ft twin m/w On/off em.	4000K	No	55W	7600	138
JC71704EMSD	Skypack 4ft twin m/w step dim em.	4000K	-	55W	7600	138
JC71730	Skypack 4ft In-line cont. connector	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Sensing
options available



Emergency
options available

Skypack™ High Output 5ft

High output LED batten

- Up to 41% greater light output than traditional 58W T8
- Retrofit point for point conduit entry
- Hinged LED tray for simple installation
- Smooth, even light distribution, no visible hotspots
- Press-fit termination



Classification

⊕ Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finish

White

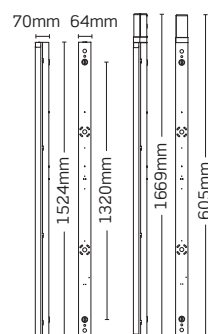
Construction

Body: Steel
Diffuser: Opal polycarbonate

Accessories

Skypack in-line connector
(JC71730)

JC71706 / JC71708



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71706	Skypack 5ft single	4000K	No	45W	6000	132
JC71706MW	Skypack 5ft single m/w on/off	4000K	No	45W	6000	132
JC71706EM	Skypack 5ft single em.	4000K	No	45W	6000	132
JC71706MWEM	Skypack 5ft single m/w on/off em.	4000K	No	45W	6000	132
JC71708	Skypack 5ft twin	4000K	No	75W	10,000	133
JC71708MW	Skypack 5ft twin m/w on/off	4000K	No	75W	10,000	133
JC71708EM	Skypack 5ft twin em.	4000K	No	75W	10,000	133
JC71708MWEM	Skypack 5ft twin m/w on/off em.	4000K	No	75W	10,000	133
JC71730	Skypack 5ft In-line cont. connector	-	-	-	-	-


*Requires online registration.


Skypack™ High Output 6ft


High output LED batten

- Up to 41% greater light output than traditional 58W T8
- Retrofit point for point conduit entry
- Hinged LED tray for simple installation
- Smooth, even light distribution, no visible hotspots
- Press-fit termination
- DALI and 1-10V dimmable options available

 5 year ext. warranty*


 Dimmable options available

 Sensing options available

 Emergency options available



Classification

 Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White

Construction

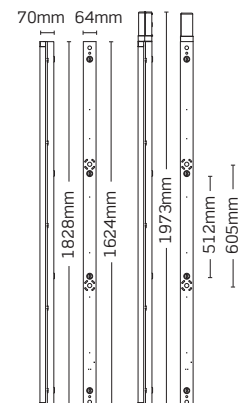
Body: Steel
Diffuser: Opal polycarbonate

Accessories

Skypack in-line connector
(JC71730)

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71709	Skypack 6ft single	4000K	No	53W	6400	120
JC71709DIM	Skypack 6ft single DALI/1-10V	4000K	Yes	53W	6400	120
JC71709MW	Skypack 6ft single m/w on/off	4000K	No	53W	6400	120
JC71709SD	Skypack 6ft single m/w step dim	4000K	-	53W	6400	120
JC71709EM	Skypack 6ft single em.	4000K	No	53W	6400	120
JC71709EMDIM	Skypack 6ft single DALI/1-10V em.	4000K	Yes	53W	6400	120
JC71709MWEM	Skypack 6ft single m/w on/off em.	4000K	No	53W	6400	120
JC71709EMSD	Skypack 6ft single m/w step dim em.	4000K	-	53W	6400	120
JC71710	Skypack 6ft twin	4000K	No	90W	10,800	120
JC71710MW	Skypack 6ft twin m/w on/off	4000K	No	90W	10,800	120
JC71710EM	Skypack 6ft twin em.	4000K	No	90W	10,800	120
JC71710MWEM	Skypack 6ft twin m/w on/off em.	4000K	No	90W	10,800	120
JC71730	Skypack 6ft in-line cont. connector	-	-	-	-	-

JC71709 / JC71710



All data sheets and installation sheets available at jcc.co.uk

*Requires online registration.



ToughLED™ Weatherproof 4ft

Efficient, highly durable batten

- Ultra efficient, up to 128 lumens per circuit Watt
- Stainless steel anti-tamper clips
- Polycarbonate diffuser, ABS body, suitable for food preparation areas
- Press-fit terminals, loop in loop out for quick and simple installation
- Available with white opal or frosted diffuser

NEW New product for 2018

3 year ext. warranty*

120° beam angle

Sensing options available

Emergency options available



Classification

⚡ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Grey

Construction

Body: ABS
Diffuser: Polycarbonate

Code	Description	Col temp.	Dim.	Watt	Lumens (FR)	Lumens (WOP)
JC71553	Weatherproof 4ft single	4000K	No	18W	2300	2050
JC71553MW	Weatherproof 4ft single m/w on/off	4000K	No	18W	2300	2050
JC71553EM	Weatherproof 4ft single emerg.	4000K	No	18W	2300	2050
JC71553MWEM	Weatherproof 4ft single m/w on/off em.	4000K	No	18W	2300	2050
JC71554	Weatherproof 4ft twin	4000K	No	37W	4700	4300
JC71554MW	Weatherproof 4ft twin m/w on/off	4000K	No	37W	4700	4300
JC71554EM	Weatherproof 4ft twin emerg.	4000K	No	37W	4700	4300
JC71554MWEM	Weatherproof 4ft twin m/w on/off em.	4000K	No	37W	4700	4300

For Frosted Diffuser add **FR** suffix, for White Opal Diffuser add **WOP** suffix.


*Requires online registration.


JC71553 / JC71554





All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 120° beam angle

 Sensing options available

 Emergency options available


ToughLED™ Weatherproof 5ft

Efficient, highly durable batten

- Ultra efficient, up to 126 lumens per circuit Watt
- Stainless steel anti-tamper clips
- Polycarbonate diffuser, ABS body, suitable for food preparation areas
- Press-fit terminals, loop in loop out for quick and simple installation
- Available with white opal or frosted diffuser



Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

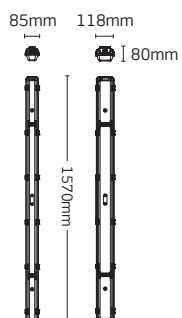
Finishes

Grey

Construction

Body: ABS
Diffuser: Polycarbonate

JC71555 / JC71556



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens (FR)	Lumens (WOP)
JC71555	Weatherproof 5ft single	4000K	No	27W	3400	3200
JC71555MW	Weatherproof 5ft single m/w on/off	4000K	No	27W	3400	3200
JC71555EM	Weatherproof 5ft single emerg.	4000K	No	27W	3400	3200
JC71555MWEM	Weatherproof 5ft single m/w on/off em.	4000K	No	27W	3400	3200
JC71556	Weatherproof 5ft twin	4000K	No	57W	7000	6150
JC71556MW	Weatherproof 5ft twin m/w on/off	4000K	No	57W	7000	6150
JC71556EM	Weatherproof 5ft twin emerg.	4000K	No	57W	7000	6150
JC71556MWEM	Weatherproof 5ft twin m/w on/off em.	4000K	No	57W	7000	6150

For Frosted Diffuser add **FR** suffix, for White Opal Diffuser add **WOP** suffix.

*Requires online registration.

ToughLED™ Weatherproof 6ft

Efficient, highly durable batten

- Ultra efficient, up to 123 lumens per circuit Watt
- Stainless steel anti-tamper clips
- Polycarbonate diffuser, ABS body, suitable for food preparation areas
- Press-fit terminals, loop in loop out for quick and simple installation
- Available with white opal or frosted diffuser

NEW

New product for 2018



3 year ext. warranty*



120° beam angle



Sensing options available



Emergency options available



Classification

⊕ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Grey

Construction

Body: ABS
Diffuser: Polycarbonate

JC71557 / JC71558



Code	Description	Col temp.	Dim.	Watt	Lumens (FR)	Lumens (WOP)
JC71557	Weatherproof 6ft single	4000K	No	35W	4300	3800
JC71557MW	Weatherproof 6ft single m/w on/off	4000K	No	35W	4300	3800
JC71557EM	Weatherproof 6ft single emerg.	4000K	No	35W	4300	3800
JC71557MWEM	Weatherproof 6ft single m/w on/off em.	4000K	No	35W	4300	3800
JC71558	Weatherproof 6ft twin	4000K	No	70W	8600	7100
JC71558MW	Weatherproof 6ft twin m/w on/off	4000K	No	70W	8600	7100
JC71558EM	Weatherproof 6ft twin emerg.	4000K	No	70W	8600	7100
JC71558MWEM	Weatherproof 6ft twin m/w on/off em.	4000K	No	70W	8600	7100

For Frosted Diffuser add **FR** suffix, for White Opal Diffuser add **WOP** suffix.

*Requires online registration.



ToughLED™ High Output 5ft

High output LED weatherproof

- Up to 30% energy saving against linear fluorescent
- Instant start, flicker free
- Polycarbonate diffuser and body, suitable for food preparation areas
- Stainless steel anti-tamper clips
- Quick and easy point for point installation



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71501	ToughLED 5ft single	4000K	No	49W	4500	92
JC71501DALI**	ToughLED 5ft single DALI	4000K	Yes	49W	4500	92
JC71501DSI**	ToughLED 5ft single DSI	4000K	Yes	49W	4500	92
JC71501/1-10V	ToughLED 5ft single 1-10V	4000K	Yes	49W	4500	92
JC71509**	ToughLED 5ft single microwave on/off	4000K	No	49W	4500	92
JC71509SD**	ToughLED 5ft single microwave step dim	4000K	-	49W	4500	92
JC71505**	ToughLED 5ft single emergency	4000K	No	49W	4500	92
JC71505DALI**	ToughLED 5ft single emergency DALI	4000K	Yes	49W	4500	92
JC71505DSI**	ToughLED 5ft single emergency DSI	4000K	Yes	49W	4500	92
JC71505/1-10V**	ToughLED 5ft single emergency 1-10V	4000K	Yes	49W	4500	92
JC71503	ToughLED 5ft twin	4000K	No	98W	9000	92
JC71503DALI**	ToughLED 5ft twin DALI	4000K	Yes	98W	9000	92
JC71503DSI**	ToughLED 5ft twin DSI	4000K	Yes	98W	9000	92
JC71503/1-10V**	ToughLED 5ft twin 1-10V	4000K	Yes	98W	9000	92
JC71511**	ToughLED 5ft twin microwave on/off	4000K	No	98W	9000	92
JC71511SD**	ToughLED 5ft twin microwave step dim	4000K	-	98W	9000	92
JC71507**	ToughLED 5ft twin emergency	4000K	No	98W	9000	92
JC71507DALI**	ToughLED 5ft twin emergency DALI	4000K	Yes	98W	9000	92
JC71507DSI**	ToughLED 5ft twin emergency DSI	4000K	Yes	98W	9000	92
JC71507/1-10V**	ToughLED 5ft twin emergency 1-10V	4000K	Yes	98W	9000	92
JC71525	ToughLED 1.5m suspension kit (single)	-	-	-	-	-
JC71526	ToughLED 1.5m suspension kit (twin)	-	-	-	-	-

*Requires online registration.

NEW New product for 2018

5 year ext. warranty*

Dimmable options available

Sensing options available

Emergency options available

Classification

⚡ Class 1**

📦 Class 2

IP65 | 240V

IK09 impact rating

LED

4000K | CRI: Ra (80)

Finishes

Grey

Construction

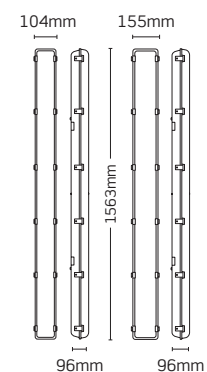
Body: Polycarbonate

Diffuser: Polycarbonate

Accessories

1.5m Suspension kit - Single (JC71525), Twin (JC71526)


JC71501 JC71503





All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

 Dimmable options available

 Sensing options available

 Emergency options available



ToughLED™ High Output 6ft

High output LED weatherproof

- Up to 30% energy saving against linear fluorescent
- Instant start, flicker free
- Polycarbonate diffuser and body, suitable for food preparation areas
- Stainless steel anti-tamper clips
- Quick and easy point for point installation



Classification

 Class 1**
 Class 2
 IP65 | 240V
 IK09 impact rating

LED

4000K | CRI: Ra (80)

Finishes

Grey

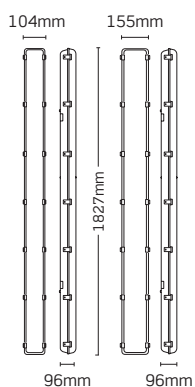
Construction

Body: Polycarbonate
 Diffuser: Polycarbonate

Accessories

1.5m Suspension kit - Single (JC71525), Twin (JC71526)

JC71502 JC71504



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71502	ToughLED 6ft single	4000K	No	59W	5400	92
JC71510**	ToughLED 6ft single microwave on/off	4000K	No	59W	5400	92
JC71506**	ToughLED 6ft single emergency	4000K	No	59W	5400	92
JC71504	ToughLED 6ft twin	4000K	No	118W	10800	92
JC71512**	ToughLED 6ft twin microwave on/off	4000K	No	118W	10800	92
JC71508**	ToughLED 6ft twin emergency	4000K	No	118W	10800	92
JC71525	ToughLED 1.5m suspension kit (single)	-	-	-	-	-
JC71526	ToughLED 1.5m suspension kit (twin)	-	-	-	-	-





*Requires online registration.

Skytile® Surface 49W

Direct 2x36W T8 replacement

- Outperforms 2x36W T8 fluorescent
- Secure anti-tamper design
- Shallow design, ideal for lower mounting heights
- Easy to clean wipeable surface
- 1.5m wire suspension kit available




-  5 year ext. warranty*
-  Dimmable options available
-  Sensing options available
-  Emergency options available



^ JC72305MW

Classification

 Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)
4700K | CRI: Ra (80)

Finishes

White

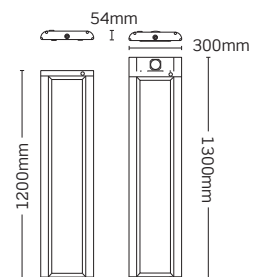
Construction

Body: Aluminium
End caps: Polycarbonate
Diffuser: Polystyrene

Accessories

1.5m Suspension kit (JC71311)

49W Standard 49W Microwave & Step Dim. versions



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72305	Skytile Surface	4000K	No	49W	4200	86
JC72305EM	Skytile Surface Emergency	4000K	No	49W	4200	86
JC72305DALI	Skytile Surface DALI	4000K	Yes	49W	4200	86
JC72305DSI	Skytile Surface DSI	4000K	Yes	49W	4200	86
JC72305/1-10V	Skytile Surface 1-10V	4000K	Yes	49W	4200	86
JC72305MW	Skytile Surface m/w on/off	4000K	No	49W	4200	86
JC72305SD	Skytile Surface m/w dimming	4000K	Yes	49W	4200	86
JC72305EMDALI	Skytile Surface DALI emergency	4000K	Yes	49W	4200	86
JC72305EMDSI	Skytile Surface DSI emergency	4000K	Yes	49W	4200	86
JC72305EM/1-10V	Skytile Surface 1-10V emergency	4000K	Yes	49W	4200	86
JC72305EMMW	Skytile Surface m/w on/off em.	4000K	No	49W	4200	86
JC72305EMSD	Skytile Surface m/w dimming em.	4000K	Yes	49W	4200	86
JC72301	Skytile Surface	4700K	No	49W	4200	86
JC72301DALI	Skytile Surface DALI	4700K	Yes	49W	4200	86
JC72301DSI	Skytile Surface DSI	4700K	Yes	49W	4200	86
JC72301/1-10V	Skytile Surface 1-10V	4700K	Yes	49W	4200	86
JC72301MW	Skytile Surface m/w on/off	4700K	No	49W	4200	86
JC72301SD	Skytile Surface m/w dimming	4700K	-	49W	4200	86
JC72301EM	Skytile Surface Emergency	4700K	No	49W	4200	86
JC72301EMDALI	Skytile Surface DALI emergency	4700K	Yes	49W	4200	86
JC72301EMDSI	Skytile Surface DSI emergency	4700K	Yes	49W	4200	86
JC72301EM/1-10V	Skytile Surface 1-10V emergency	4700K	Yes	49W	4200	86
JC72301EMMW	Skytile Surface m/w on/off em.	4700K	No	49W	4200	86
JC72301EMSD	Skytile Surface m/w dimming em.	4700K	-	49W	4200	86
JC71311	Skytile Surface suspension kit (1.5m)	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

5 year
ext. warranty*Dimmable
options availableSensing
options availableEmergency
options available

JC72306MW

Skytile[®] Surface 60W

Direct 2x58W T8 replacement

- Outperforms 2x58W T8 fluorescent
- Secure anti-tamper design
- Shallow design, ideal for lower mounting heights
- Easy to clean wipeable surface
- 1.5m wire suspension kit available



1500mm

Classification

Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)
4700K | CRI: Ra (80)

Finishes

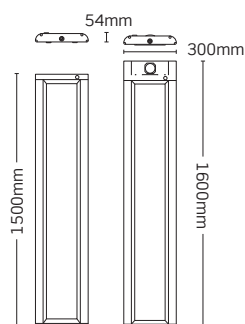
White

Construction

Body: Aluminium
End caps: Polycarbonate
Diffuser: Polystyrene

Accessories

1.5m Suspension kit (JC71311)

60W Standard 60W Microwave &
Step Dim. versionsAll data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72306	Skytile Surface	4000K	No	60W	5100	82
JC72306EM	Skytile Surface emergency	4000K	No	60W	5100	82
JC72306DALI	Skytile Surface DALI	4000K	Yes	60W	5100	85
JC72306DSI	Skytile Surface DSI	4000K	Yes	60W	5100	85
JC72306/1-10V	Skytile Surface 1-10V	4000K	Yes	60W	5100	85
JC72306MW	Skytile Surface m/w on/off	4000K	No	60W	5100	85
JC72306SD	Skytile Surface m/w dimming	4000K	-	60W	5100	85
JC72306EMDALI	Skytile Surface DALI emergency	4000K	Yes	60W	5100	85
JC72306EMDSI	Skytile Surface DSI emergency	4000K	Yes	60W	5100	85
JC72306EM/1-10V	Skytile Surface 1-10V emergency	4000K	Yes	60W	5100	85
JC72306EMMW	Skytile Surface m/w on/off em.	4000K	No	60W	5100	85
JC72306EMSD	Skytile Surface m/w dimming em.	4000K	-	60W	5100	85
JC72302	Skytile Surface	4700K	No	60W	5100	85
JC72302DALI	Skytile Surface DALI	4700K	Yes	60W	5100	85
JC72302DSI	Skytile Surface DSI	4700K	Yes	60W	5100	85
JC72302/1-10V	Skytile Surface 1-10V	4700K	Yes	60W	5100	85
JC72302MW	Skytile Surface m/w on/off	4700K	No	60W	5100	85
JC72302SD	Skytile Surface m/w dimming	4700K	-	60W	5100	85
JC72302EM	Skytile Surface emergency	4700K	No	60W	5100	85
JC72302EMDALI	Skytile Surface DALI emergency	4700K	Yes	60W	5100	85
JC72302EMDSI	Skytile Surface DSI emergency	4700K	Yes	60W	5100	85
JC72302EM/1-10V	Skytile Surface 1-10V emergency	4700K	Yes	60W	5100	85
JC72302EMMW	Skytile Surface m/w on/off em.	4700K	No	60W	5100	85
JC72302EMSD	Skytile Surface m/w dimming em.	4700K	-	60W	5100	85
JC71311	Skytile Surface suspension kit (1.5m)	-	-	-	-	-

*Requires online registration.

Skytile® Surface 80W

Direct 2x70W T8 replacement

- Outperforms 2x70W T8 fluorescent
- Secure anti-tamper design
- Shallow design, ideal for lower mounting heights
- Easy to clean wipeable surface
- 1.5m wire suspension kit available



1500mm

5 year
ext. warranty*Sensing
options availableEmergency
options available

^ Microwave end cap -
JC72303MW

Classification

⊕ Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)
4700K | CRI: Ra (80)

Finishes

White

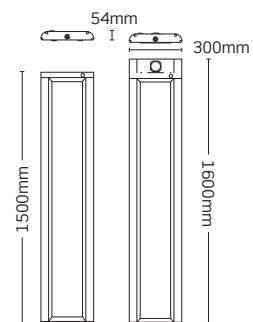
Construction

Body: Aluminium
End caps: Polycarbonate
Diffuser: Polystyrene

Accessories

1.5m Suspension kit (JC71311)

80W Standard 80W Microwave &
Step Dim. versions




All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72307	Skytile Surface	4000K	No	80W	6400	80
JC72307DALI	Skytile Surface DALI	4000K	Yes	80W	6400	80
JC72307DSI	Skytile Surface DSI	4000K	Yes	80W	6400	80
JC72307/1-10V	Skytile Surface 1-10V	4000K	Yes	80W	6400	80
JC72307MW	Skytile Surface microwave on/off	4000K	No	80W	6400	80
JC72307SD	Skytile Surface m/w dimming	4000K	-	80W	6400	80
JC72307EM	Skytile Surface emergency	4000K	No	80W	6400	80
JC72307EMDALI	Skytile Surface DALI emergency	4000K	Yes	80W	6400	80
JC72307EMDSI	Skytile Surface DSI emergency	4000K	Yes	80W	6400	80
JC72307EM/1-10V	Skytile Surface 1-10V emergency	4000K	Yes	80W	6400	80
JC72307EMMW	Skytile Surface microwave on/off em.	4000K	No	80W	6400	80
JC72307EMSD	Skytile Surface m/w dimming em.	4000K	-	80W	6400	80
JC72303	Skytile Surface	4700K	No	80W	6400	80
JC72303DALI	Skytile Surface DALI	4700K	Yes	80W	6400	80
JC72303DSI	Skytile Surface DSI	4700K	Yes	80W	6400	80
JC72303/1-10V	Skytile Surface 1-10V	4700K	Yes	80W	6400	80
JC72303MW	Skytile Surface microwave on/off	4700K	No	80W	6400	80
JC72303SD	Skytile Surface m/w dimming	4700K	-	80W	6400	80
JC72303EM	Skytile Surface emergency	4700K	No	80W	6400	80
JC72303EMDALI	Skytile Surface DALI emergency	4700K	Yes	80W	6400	80
JC72303EMDSI	Skytile Surface DSI emergency	4700K	Yes	80W	6400	80
JC72303EM/1-10V	Skytile Surface 1-10V emergency	4700K	Yes	80W	6400	80
JC72303EMMW	Skytile Surface m/w on/off em.	4700K	No	80W	6400	80
JC72303EMSD	Skytile Surface m/w dimming em.	4700K	-	80W	6400	80
JC71311	Skytile Surface suspension kit (1.5m)	-	-	-	-	-

*Requires online registration.

Skytile[®] Surface 100W

Direct 2x80W T5 replacement

-  5 year ext. warranty*
-  Sensing options available
-  Emergency options available

- Outperforms 2x80W T5 fluorescent
- Secure anti-tamper design
- Shallow design, ideal for lower mounting heights
- Easy to clean wipeable surface
- 1.5m wire suspension kit available



Microwave end cap - JC72304MW

Classification

Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)
4700K | CRI: Ra (80)

Finishes

White

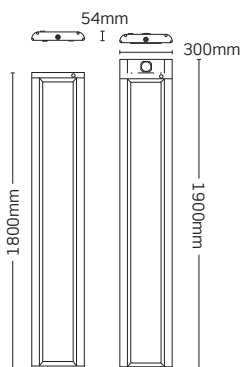
Construction

Body: Aluminium
End caps: Polycarbonate
Diffuser: Polystyrene

Accessories

1.5m Suspension kit (JC71311)

100W Standard 100W Microwave & Step Dim. versions



All data sheets and installation sheets available at jcc.co.uk



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC72304	Skytile Surface	4700K	No	100W	7300	73
JC72304MW	Skytile Surface microwave on/off	4700K	No	100W	7300	73
JC72304EM	Skytile Surface emergency	4700K	No	100W	7300	73
JC72304EMMW	Skytile Surface microwave on/off em.	4700K	No	100W	7300	73
JC71311	Skytile Surface suspension kit (1.5m)	-	-	-	-	-

*Requires online registration.

OxfordLED™ 4ft

The 36W T8 fluorescent retrofit

- Hinged for simple installation
- Designed for surface mounting on solid ceilings
- 50% energy saving against 36W T8 fluorescent
- Smooth even light distribution, no visible hotspots



5 year
ext. warranty*



Emergency
options available



Classification

⊕ Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

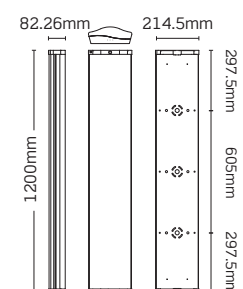
Finishes

White

Construction

Body: Steel
Diffuser: Polycarbonate

JC71411



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71411	OxfordLED 4ft single	4000K	No	20W	2000	100
JC71411EM	OxfordLED 4ft single emergency	4000K	No	20W	2000	100
JC71412	OxfordLED 4ft twin	4000K	No	40W	4000	100
JC71412EM	OxfordLED 4ft twin emergency	4000K	No	40W	4000	100

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



5 year
ext. warranty*



Emergency
options available

OxfordLED™ 5ft

The 58W T8 fluorescent retrofit

- Hinged for simple installation
- Designed for surface mounting on solid ceilings
- 50% energy saving against 36W T8 fluorescent
- Smooth even light distribution, no visible hotspots



Classification

⊕ Class 1
IP20 | 240V

LED

4000K | CRI: Ra (80)

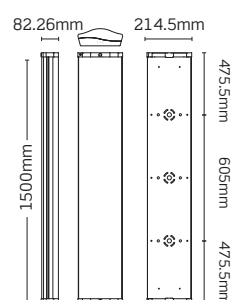
Finishes

White

Construction

Body: Steel
Diffuser: Polycarbonate

JC71413



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71413	OxfordLED 5ft single	4000K	No	30W	3000	100
JC71413EM	OxfordLED 5ft single emergency	4000K	No	30W	3000	100
JC71414	OxfordLED 5ft twin	4000K	No	60W	6000	100
JC71414EM	OxfordLED 5ft twin emergency	4000K	No	60W	6000	100
JC71415	OxfordLED 5ft high output twin	4000K	No	80W	8000	100
JC71415EM	OxfordLED 5ft high output twin emergency	4000K	No	80W	8000	100

*Requires online registration.

Line of Light

Versatile lighting solution

Our Line of Light system can be surface mounted, suspended, wall mounted and recessed (single lengths only). With three corner accessories which include cross, T junction, and 90° corner, Line of Light is the perfect lighting solution for all commercial and architectural projects.

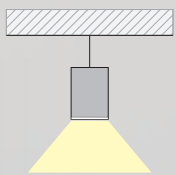
- ✓ Plug and play installation
- ✓ Integrated 3 hour emergency
- ✓ DALI dimming available
- ✓ 5 year commercial warranty*

SUSPENDED
INSTALLATION

Smooth even light distribution

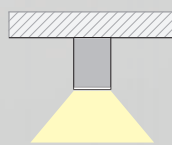
All products have been electrically engineered to produce the same lumens per metre as one another and can therefore be mixed seamlessly within the same electrical runs.

Mounting options



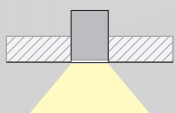
SUSPENDED

Line of Light suspension kit (JC770/1/SUS) includes two suspension cables in 3m lengths.



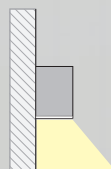
SURFACE MOUNTED

Two brackets supplied as standard with each luminaire.



RECESSED FRAME KIT

Line of Light recessing kit available in three sizes, 4ft, 5ft and 8ft. Not suitable for continuous runs. See p.102 for more information.



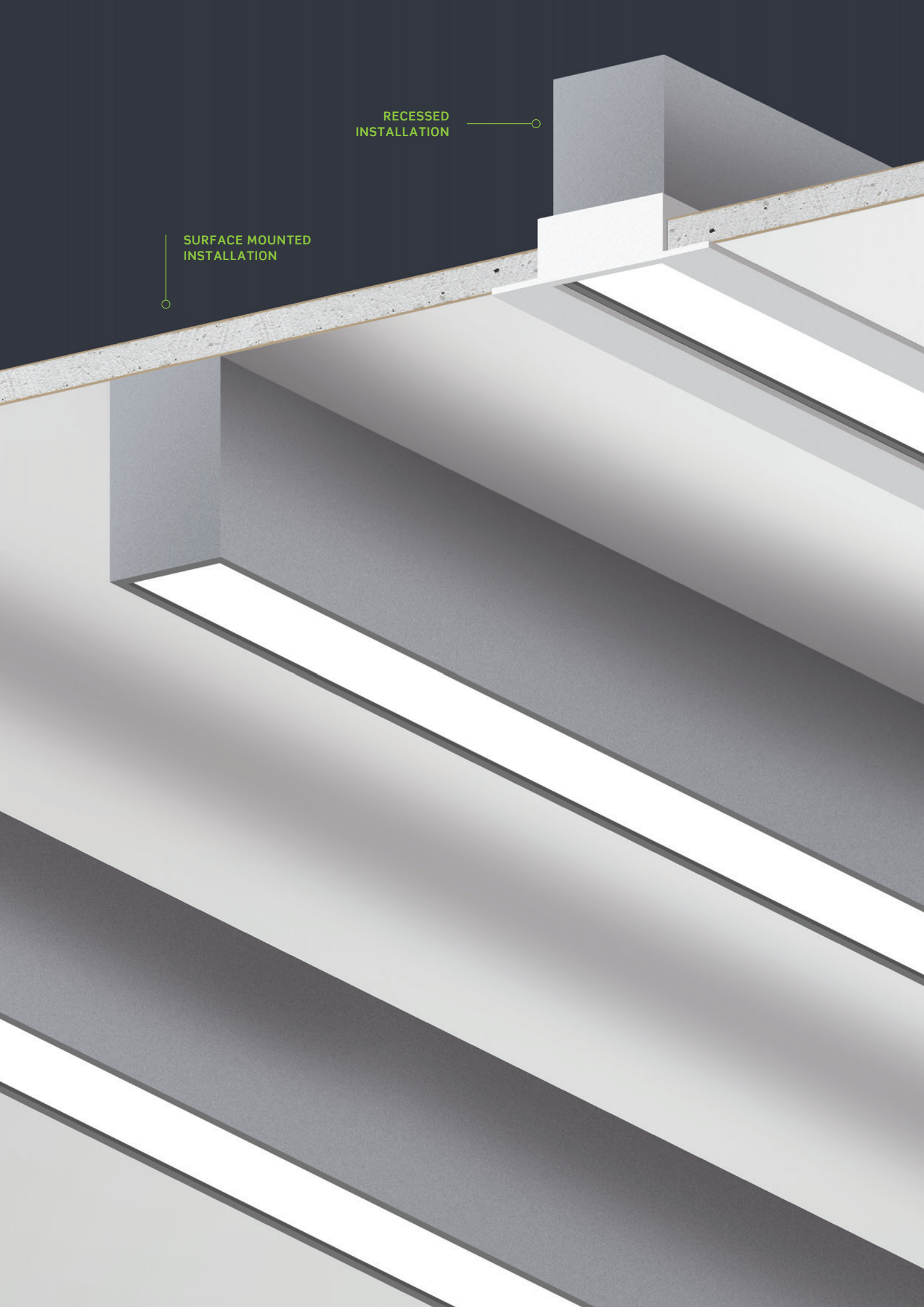
WALL MOUNTED

Line of Light wall mounting kit (JC770/1/WALL) includes two bracket units to surface mount either direct or direct/indirect luminaires to a wall.

*Requires online registration.

RECESSED
INSTALLATION

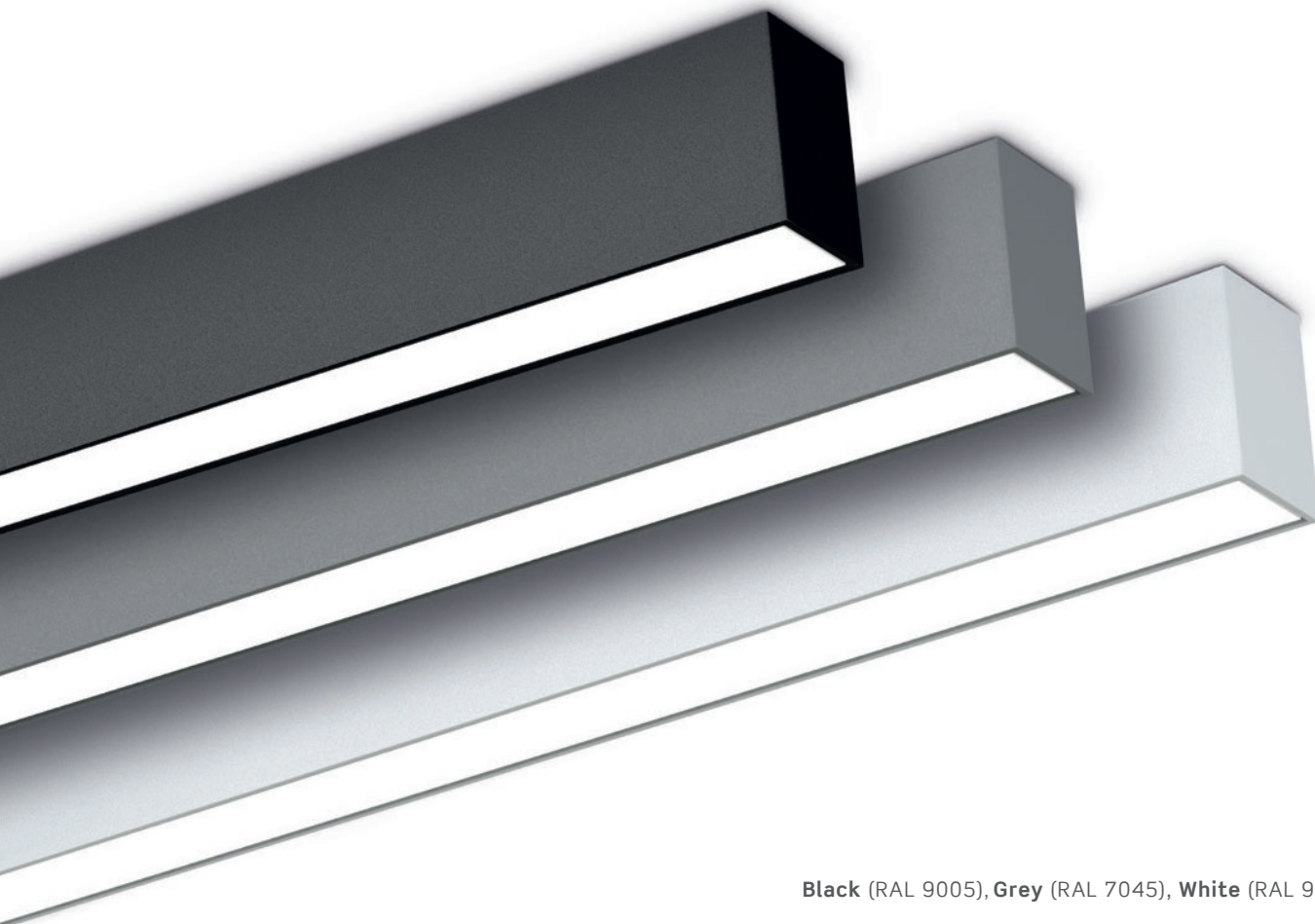
SURFACE MOUNTED
INSTALLATION



Line of Light

Three finish options

All lengths and corner accessories are available in black, white and grey finish options:

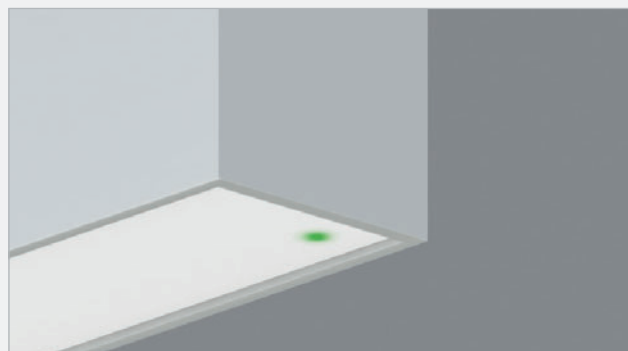


Black (RAL 9005), **Grey** (RAL 7045), **White** (RAL 9003)

High specification construction

Line of Light features high specification drivers, LEDs and internal electrical connectors, creating a professional linear lighting solution suitable for any commercial project.

- ✓ Harmonised colour consistency (3 MacAdam)
- ✓ LED lifetime L70 to 50,000 hours
- ✓ Highly efficient 100 LpcW fixture lumens
- ✓ 800W total connected power, up to 35m max

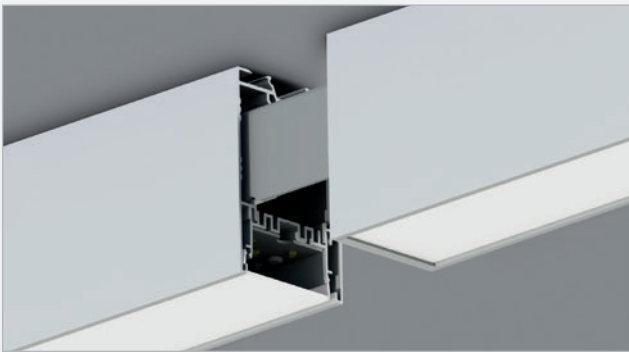
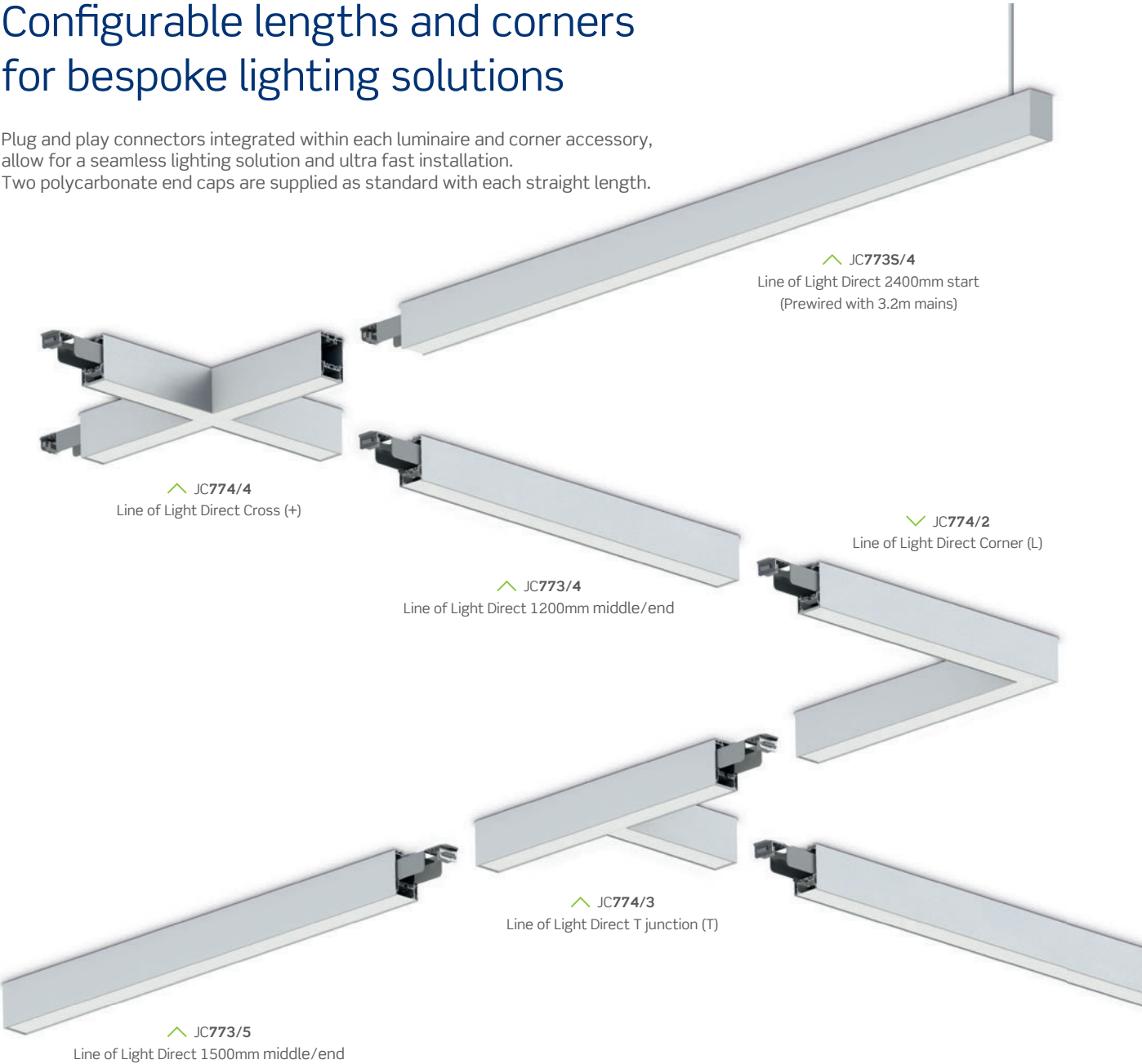


INTEGRATED EMERGENCY

1200mm, 1500mm and 2400mm luminaires are available as standard with an integrated 3 hour emergency pack.

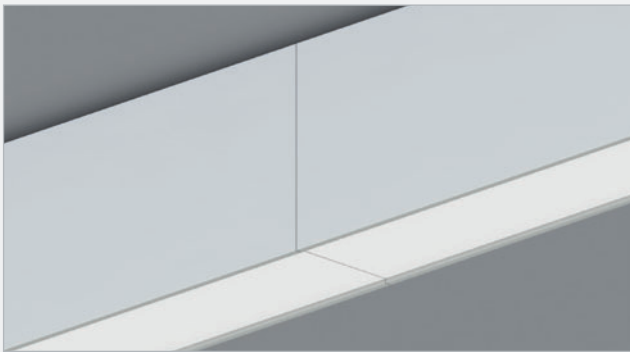
Configurable lengths and corners for bespoke lighting solutions

Plug and play connectors integrated within each luminaire and corner accessory, allow for a seamless lighting solution and ultra fast installation. Two polycarbonate end caps are supplied as standard with each straight length.



PLUG AND PLAY CONNECTOR

Innovative plug and play mechanical and electrical connection system included within each luminaire module.



CONTINUOUS LINE OF LIGHT

With a polycarbonate diffuser and seamless aluminium profile, Line of Light is suitable for all architectural projects.

Line of Light

Direct only light fittings

- Configurable lengths and corners for bespoke installations
- Linkable plug and play lighting solution
- DALI dimmable options available
- Integrated emergency versions available
- Recessed frame for single luminaire only, surface mounted, suspended and wall mounted installations
- Available in black, grey and white finishes
- Produced to order, contact JCC customer services on **01243 838999**



Code	Description	Col temp.	Watt	Lumens	LpcW
JC773S/4/3K/ND	Line of Light Direct 1200mm start	3000K	26W	2600	100
JC773S/5/3K/ND	Line of Light Direct 1500mm start	3000K	35W	3500	100
JC773S/8/3K/ND	Line of Light Direct 2400mm start	3000K	52W	5200	100
JC773S/4/4K/ND	Line of Light Direct 1200mm start	4000K	26W	2600	100
JC773S/5/4K/ND	Line of Light Direct 1500mm start	4000K	35W	3500	100
JC773S/8/4K/ND	Line of Light Direct 2400mm start	4000K	52W	5200	100
JC773/4/3K/ND	Line of Light Direct 1200mm middle/end	3000K	26W	2600	100
JC773/5/3K/ND	Line of Light Direct 1500mm middle/end	3000K	35W	3500	100
JC773/8/3K/ND	Line of Light Direct 2400mm middle/end	3000K	52W	5200	100
JC773/4/4K/ND	Line of Light Direct 1200mm middle/end	4000K	26W	2600	100
JC773/5/4K/ND	Line of Light Direct 1500mm middle/end	4000K	35W	3500	100
JC773/8/4K/ND	Line of Light Direct 2400mm middle/end	4000K	52W	5200	100
JC774/2/3K/ND	Line of Light Direct corner (L)	3000K	26W	2600	100
JC774/2/4K/ND	Line of Light Direct corner (L)	4000K	26W	2600	100
JC774/3/3K/ND	Line of Light Direct T junction (T)	3000K	21W	2100	100
JC774/3/4K/ND	Line of Light Direct T junction (T)	4000K	21W	2100	100
JC774/4/3K/ND	Line of Light Direct cross (X)	3000K	26W	2600	100
JC774/4/4K/ND	Line of Light Direct cross (X)	4000K	26W	2600	100
JC770/4/REC/WH	Line of Light recessing 4ft kit (pack of 2)	-	-	-	-
JC770/5/REC/WH	Line of Light recessing 5ft kit (pack of 2)	-	-	-	-
JC770/8/REC/WH	Line of Light recessing 8ft kit (pack of 2)	-	-	-	-
JC770/1/SUS	Line of Light suspension kit (pack of 2)	-	-	-	-
JC770/1/WALL	Line of Light wall mounting kit (pack of 2)	-	-	-	-

For **emergency** replace **ND** with **NDEM***, for **DALI** replace **ND** with **DALI**, for **DALI emergency** replace **ND** with **DALIEM***. (**Emergency** only available in straight lengths).

For Black add **BLK** suffix, for Grey add **GRY** suffix, for White add **WH** suffix.

Products available to order, contact JCC customer services on **01243 838999**.

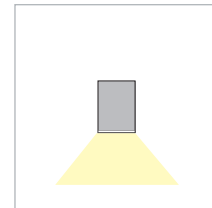
*Requires online registration.

NEW New product for 2018

5 year ext. warranty*

Emergency options available

Produced to order call 01243 838999



Direction of light: Direct

Classification

Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

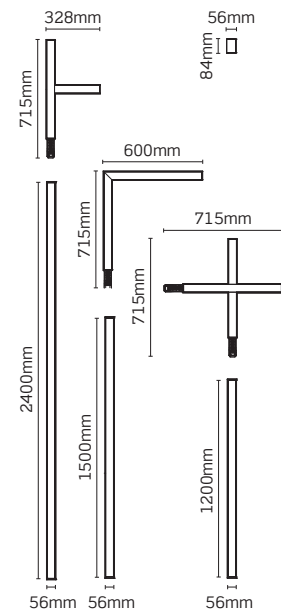
Black (**BLK**), Grey (**GRY**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Polycarbonate


*Emergency versions are not available in corner accessories


Line of Light Direct



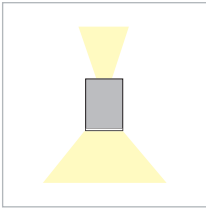
All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*


 Emergency options available

 Produced to order call 01243 838999



 Direction of light: Direct/Indirect

Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

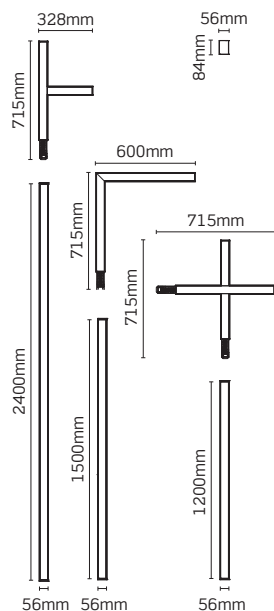
Black (**BLK**), Grey (**GRY**),
White (**WH**)

Construction

Body: Aluminium
Diffuser: Polycarbonate

*Emergency versions are not available in corner accessories

Line of Light Direct/Direct Indirect



All data sheets and installation sheets available at jcc.co.uk

Line of Light

Direct/Indirect light fittings

- 65% downwards light and 35% upwards light output
- Configurable lengths and corners for bespoke installations
- Linkable plug and play lighting solution
- DALI dimmable options available
- Integrated emergency versions available
- Suspended and wall mounted installations
- Available in black, grey and white finishes
- Produced to order, contact JCC customer services on **01243 838999**



 JC771S/4/3K/ND/WH

Code	Description	Col temp.	Watt	Lumens	LpcW
JC771S/4/3K/ND	Line of Light Dir/Indir. 1200mm start	3000K	40W	4000	100
JC771S/5/3K/ND	Line of Light Dir/Indir. 1500mm start	3000K	50W	5000	100
JC771S/8/3K/ND	Line of Light Dir/Indir. 2400mm start	3000K	80W	8000	100
JC771S/4/4K/ND	Line of Light Dir/Indir. 1200mm start	4000K	40W	4000	100
JC771S/5/4K/ND	Line of Light Dir/Indir. 1500mm start	4000K	50W	5000	100
JC771S/8/4K/ND	Line of Light Dir/Indir. 2400mm start	4000K	80W	8000	100
JC771/4/3K/ND	Line of Light Dir/Indir. 1200mm middle/end	3000K	40W	4000	100
JC771/5/3K/ND	Line of Light Dir/Indir. 1500mm middle/end	3000K	50W	5000	100
JC771/8/3K/ND	Line of Light Dir/Indir. 2400mm middle/end	3000K	80W	8000	100
JC771/4/4K/ND	Line of Light Dir/Indir. 1200mm middle/end	4000K	40W	4000	100
JC771/5/4K/ND	Line of Light Dir/Indir. 1500mm middle/end	4000K	50W	5000	100
JC771/8/4K/ND	Line of Light Dir/Indir. 2400mm middle/end	4000K	80W	8000	100
JC772/2/3K/ND	Line of Light Dir/Indir. corner (L)	3000K	40W	4000	100
JC772/2/4K/ND	Line of Light Dir/Indir. corner (L)	4000K	40W	4000	100
JC772/3/3K/ND	Line of Light Dir/Indir. T junction (T)	3000K	30W	3000	100
JC772/3/4K/ND	Line of Light Dir/Indir. T junction (T)	4000K	30W	3000	100
JC772/4/3K/ND	Line of Light Dir/Indir. cross (X)	3000K	40W	4000	100
JC772/4/4K/ND	Line of Light Dir/Indir. cross (X)	4000K	40W	4000	100
JC770/1/SUS	Line of Light suspension kit (pack of 2)	-	-	-	-
JC770/1/WALL	Line of Light wall mounting kit (pack of 2)	-	-	-	-

For **emergency** replace **ND** with **NDEM***, for **DALI** replace **ND** with **DALI**, for **DALI emergency** replace **ND** with **DALIEM***. (**Emergency** only available in straight lengths).

For Black add **BLK** suffix, for Grey add **GRY** suffix, for White add **WH** suffix.

Products available to order, contact JCC customer services on **01243 838999**.

*Requires online registration.







Highbay & Lowbay

110

Toughbay™ Circular



113

Toughbay™ Circular Accessories



114

Toughbay™ Retrofit



116

Toughbay™ High Output



122

Toughbay™ Linear





Toughbay™ Range

The new expanded range of high output, ultra-efficient industrial luminaires.



Toughbay™ Circular

Available in three sizes, provided as standard with JCC's 5 year extended warranty with 2 year onsite support, providing additional onsite peace of mind (see p.110-113).

KEY FEATURES:

- ✓ 100W, 180W and 230W options
- ✓ Up to 23,700lm
- ✓ 5 year warranty including 2 year on site support
- ✓ 105° beam as standard with a 60° reflector accessory
- ✓ IP65 as standard



Toughbay™ Retrofit

Delivering 120 lumens per circuit Watt, Toughbay™ Retrofit is a direct replacement for traditional 150W, 250W and 400W HID metal halide luminaires (see p.114-115).

KEY FEATURES:

- ✓ 100W, 150W and 200W options
- ✓ Up to 24,500lm
- ✓ 5 year warranty
- ✓ Available in 60° and 90° beam angle options
- ✓ IP65 as standard



Toughbay™ High Output

Offering market leading 145 lumens per circuit Watt efficiency, Toughbay™ High Output dramatically outperforms traditional light sources (see p.116-119).

KEY FEATURES:

- ✓ 100W, 150W and 200W options
- ✓ Up to 28,000lm
- ✓ 7 year warranty including 2 years on site support
- ✓ Available in 60° and 90° beam angle options
- ✓ Ultra-efficient, up to 145 LpcW



Toughbay™ Linear

Toughbay Linear provides versatility with a wide range of outputs and beam angles, ideal for both fluorescent and HID highbay and lowbay replacements (see p.122-125).

KEY FEATURES:


- ✓ 100W, 150W and 200W options
- ✓ Up to 28,000lm
- ✓ 7 year warranty
- ✓ Multiple lens options available
- ✓ Ultra-efficient, up to 140 LpcW

Toughbay™ Circular 100W

Direct replacement for 150W HID metal halide

- 5 year extended warranty, including 2 year on-site support
- 105° beam angle without reflector
- Supplied with mounting ring and IP67 connector as standard
- 60° reflector beam angle option
- Suitable for high mounting industrial applications
- IP65 - Suitable for areas with high salt/moisture content
- 1-10V dimmable as standard




 5 year ext. warranty*
(inc. 2 year on site)

 Dimmable
as standard

 Emergency
options available

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

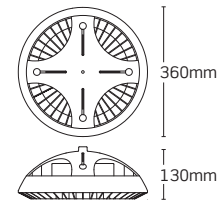
Construction

Body: Aluminium
Lens: Polycarbonate

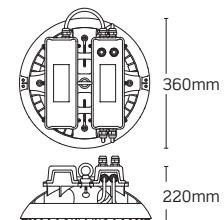
Accessories

IP65 Connector, 60° beam reflector, Surface mount bracket (see p.113)

JC71810BLK / JC71810WH



JC71810BLKEM / JC71810WHEM




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71810BLK	Toughbay Circular black	5700K	Yes	100W	10,600	106
JC71810WH	Toughbay Circular white	5700K	Yes	100W	10,600	106
JC71810BLKEM	Toughbay Circular emergency black	5700K	Yes	100W	10,600	106
JC71810WHEM	Toughbay Circular emergency white	5700K	Yes	100W	10,600	106

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

Toughbay™ Circular 180W

Direct replacement for 250W HID metal halide

 5 year ext. warranty*
(inc. 2 year on site)


 Dimmable
as standard

 Emergency
options available

- 5 year extended warranty, including 2 year on-site support
- 105° beam angle without reflector
- Supplied with mounting ring and IP67 connector as standard
- 60° reflector beam angle option
- Suitable for high mounting industrial applications
- IP65 - Suitable for areas with high salt/moisture content
- 1-10V dimmable as standard



Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

Finishes

Black

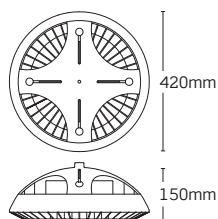
Construction

Body: Aluminium
Lens: Polycarbonate

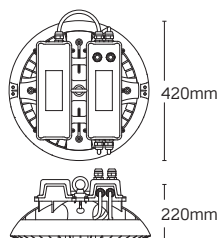
Accessories

IP65 Connector, 60° beam reflector, Surface mount bracket (see p.113)

JC71811BLK



JC71811BLKEM



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71811BLK	Toughbay Circular	5700K	Yes	180W	19,700	110
JC71811BLKEM	Toughbay Circular emergency	5700K	Yes	180W	19,700	110


*Requires online registration.

Toughbay™ Circular 230W

Direct replacement for 400W HID metal halide

- 5 year extended warranty, including 2 year on-site support
- 105° beam angle without reflector
- Supplied with mounting ring and IP67 connector as standard
- 60° reflector beam angle option
- Suitable for high mounting industrial applications
- IP65 - Suitable for areas with high salt/moisture content
- 1-10V dimmable as standard




 5 year ext. warranty* (inc. 2 year on site)

 Dimmable as standard

 Emergency options available

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

Finishes

Black

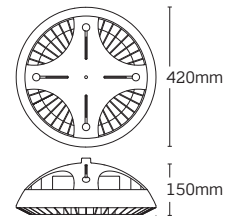
Construction

Body: Aluminium
Lens: Polycarbonate

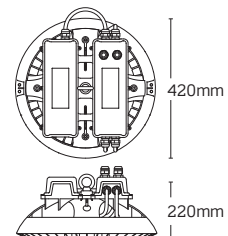
Accessories

IP65 Connector, 60° beam reflector, Surface mount bracket (see p.113)

JC71812



JC71812EM



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71812BLK	Toughbay Circular	5700K	Yes	230W	23,700	103
JC71812BLKEM	Toughbay Circular emergency	5700K	Yes	230W	23,700	103

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



2 year product guarantee

Toughbay™ Circular Accessories

Accessories for JC71810, JC71811 & JC71812

- Surface mounting bracket available for all fittings
- Quick 4-screw surface mount bracket attachment
- 180° tilt featured as standard for wall and post mounting applications
- Horizontal tilt suitable for external floodlighting
- White finish available for 100W fitting only

✓ JC71854BLK



✓ JC71855BLK



✓ JC71851



Classification

IP65

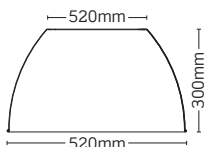
Finishes

Black (**BLK**), Prismatic (**PR**), White (**WH**)

Construction

Body: Steel

JC71854



Code	Description	Finish
JC71854PR	Toughbay Circular 60° beam reflector (JC71810 only)	Prismatic
JC71854BLK	Toughbay Circular 60° beam reflector (JC71810 only)	Black
JC71852BLK	Toughbay Circular 60° beam reflector (JC71811/JC71812 only)	Black
JC71856WH	Toughbay Circular Surface mounting bracket (JC71810 only)	White
JC71855BLK	Toughbay Circular Surface mounting bracket (JC71810 only)	Black
JC71850	Toughbay Circular Surface mounting bracket (JC71811/JC71812 only)	Black
JC71851	Toughbay Circular Waterproof IP65 connector	Black

Toughbay™ Retrofit 100 & 150W

150W and 250W HID replacement

- Ultra efficient, 123 lumens per circuit Watt
- High CRI of 80, ensuring a true representation of colour
- Suitable for wide range of operating temperatures, -30° to +60°
- Step dimming available with remote control (see p.335)
- 1-10V dimmable as standard
- 60° and 90° beam angle options available



NEW New product for 2018

5 year ext. warranty*

60° / 90° beam angle options

Dimmable as standard



LEV71805 (see p.335)



JC71840 / JC71841

Classification

Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

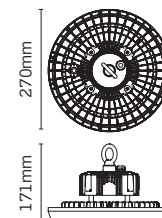
Finishes

Black

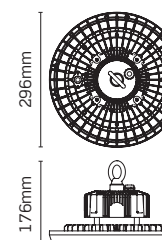
Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Steel

JC71830/60/90



JC71831/60/90



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71830/60	Toughbay Retrofit 60°	5700K	Yes	100W	12,300	123
JC71830/90	Toughbay Retrofit 90°	5700K	Yes	100W	12,300	123
JC71830/60MW	Toughbay Retrofit 60° micro. dim.	5700K	-	100W	12,300	123
JC71830/90MW	Toughbay Retrofit 90° micro. dim.	5700K	-	100W	12,300	123
JC71831/60	Toughbay Retrofit 60°	5700K	Yes	150W	18,400	123
JC71831/90	Toughbay Retrofit 90°	5700K	Yes	150W	18,400	123
JC71831/60MW	Toughbay Retrofit 60° micro. dim.	5700K	-	150W	18,400	123
JC71831/90MW	Toughbay Retrofit 90° micro. dim.	5700K	-	150W	18,400	123
JC71840	Bracket for 100W	-	-	-	-	-
JC71841	Bracket for 150W	-	-	-	-	-
LEV71805	Toughbay Microwave Remote	-	-	-	-	-

*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk

Toughbay™ Retrofit 200W

400W HID replacement

NEW New product for 2018

 5 year ext. warranty*

 60° / 90° beam angle options

 Dimmable as standard

- Ultra efficient, 122 lumens per circuit Watt
- High CRI of 80, ensuring a true representation of colour
- Suitable for wide range of operating temperatures, -30° to +60°
- Step dimming available with remote control (see p.335)
- 1-10V dimmable as standard
- 60° and 90° beam angle options available




▲ LEV71805 (see p.335)
Toughbay microwave remote



▲ JC71842
Surface mount bracket

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

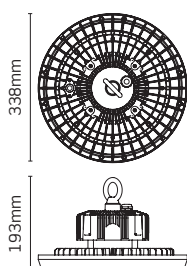
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Steel

JC71832/60/90



All data sheets and installation sheets available at jcc.co.uk



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71832/60	Toughbay Retrofit 60°	5700	Yes	200W	24,500	122
JC71832/90	Toughbay Retrofit 90°	5700	Yes	200W	24,500	122
JC71832/60MW	Toughbay Retrofit 60° micro. dim.	5700	-	200W	24,500	122
JC71832/90MW	Toughbay Retrofit 90° micro. dim.	5700	-	200W	24,500	122
JC71842	Bracket for 200W	-	-	-	-	-
LEV71805	Toughbay Microwave Remote	-	-	-	-	-

*Requires online registration.

Toughbay™ High Output

Outperforms the industry standard HID and LED highbays

Offering a market leading 145 lumens per circuit Watt efficiency and outperforming traditional light sources, Toughbay is an outstanding LED solution that offers both reliability and remarkable cost savings.

- ✓ 100W, 150W and 200W options delivering up to 28,000 lumens
- ✓ Ultra-efficient, up to 145 LpcW
- ✓ Available with 60° and 90° lens options
- ✓ 7 year warranty*

MOUNTING LOOP

Mounting loop supplied as standard. See product pages for surface mount brackets.

DRIVER

7 year Philips driver with a wide range of operating temperatures between -30°C to +60°C.

CONSTRUCTION

Cast aluminium heat sink for excellent heat dissipation.

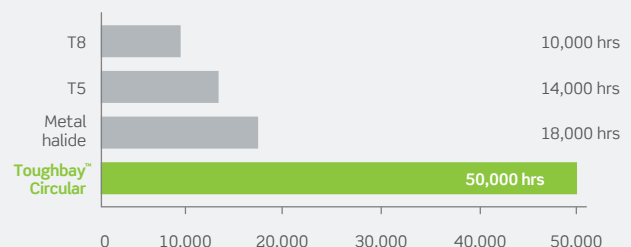
LENS OPTIONS

60° and 90° beam angles available for multiple product applications and lighting requirements.

Lasts up to 5 times longer than traditional lighting

Industrial lighting is often positioned at inaccessible heights, making maintenance expensive and often disruptive to the working environment. Toughbay™ High Output boasts an outstanding L70 of 50,000 hours. This means that greater than 70% of the original lumen output is delivered by the fitting when it reaches 50,000 hours. In contrast, traditional fittings last significantly less time, resulting in greater downtime for maintenance.




SAY GOODBYE TO MAINTENANCE COSTS



*Requires online registration.

Toughbay™ High Output 100W

Outperforms traditional HID light outputs

- NEW** New product for 2018
-  7 year ext. warranty* (inc. 2 year on site)
-  60° / 90° beam angle options
-  See p.334 mic. sensor and remote

- Ultra efficient, 145 lumens per circuit Watt
- High CRI of 80, ensuring a true representation of colour
- Suitable for a wide range of operating temperatures, -30° to +60°
- Step dimming available with remote control (see p.335)
- Suitable for relative humidity levels of up to 90%
- 7 year extended warranty including 2 years on site support



LEV71805 (see p.335)
Toughbay microwave remote



JC71840
Surface mount bracket

Classification

Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

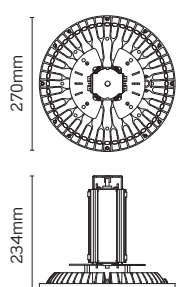
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Steel

JC71833



All data sheets and installation sheets available at jcc.co.uk



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71833/60	Toughbay High Output 60°	5700K	Yes	100W	14,500	145
JC71833/90	Toughbay High Output 90°	5700K	Yes	100W	14,500	145
JC71833/60MW	Toughbay High Output 60° micro. dim.	5700K	-	100W	14,500	145
JC71833/90MW	Toughbay High Output 90° micro. dim.	5700K	-	100W	14,500	145
JC71840	Bracket for 100W high output	-	-	-	-	-
LEV71805	Toughbay microwave remote	-	-	-	-	-

*Requires online registration.


Toughbay™ High Output 150W


Outperforms 250W HID


- Ultra efficient, 141 lumens per circuit Watt
- High CRI of 80, ensuring a true representation of colour throughout its life
- Suitable for a wide range of operating temperatures, -30° to +60°
- Step dimming available with remote control (see p.335)
- Suitable for relative humidity levels of up to 90%
- 7 year extended warranty including 2 years on site support




NEW New product for 2018

 7 year ext. warranty* (inc. 2 year on site)

 60° / 90° beam angle options

 See p.334 mic. sensor and remote




 **LEV71805** (see p.335)
Toughbay microwave remote



 **JC71844**
Surface mount bracket

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

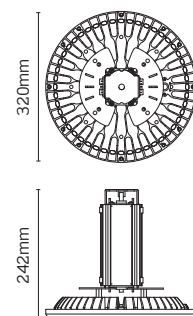
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Steel

JC71834



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71834/60	Toughbay High Output 60°	5700K	Yes	150W	21,200	141
JC71834/90	Toughbay High Output 90°	5700K	Yes	150W	21,200	141
JC71834/60MW	Toughbay High Output 60° micro. dim.	5700K	-	150W	21,200	141
JC71834/90MW	Toughbay High Output 90° micro. dim.	5700K	-	150W	21,200	141
JC71844	Bracket for 150W high output	-	-	-	-	-
LEV71805	Toughbay microwave remote	-	-	-	-	-


*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk


Toughbay™ High Output 200W

Outperforms 400W HID


NEW New product for 2018

 7 year ext. warranty* (inc. 2 year on site)

 60° / 90° beam angle options

 See p.334 mic. sensor and remote




 **LEV71805** (see p.335)
Toughbay microwave remote



 **JC71845**
Surface mount bracket

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (80)

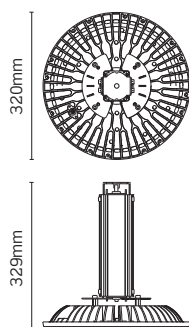
Finishes

Black

Construction

Main chassis: Aluminium
Lens: Polycarbonate
Bracket: Steel

JC71835



All data sheets and installation sheets available at jcc.co.uk

- Ultra efficient, 140 lumens per circuit Watt
- High CRI of 80, ensuring a true representation of colour throughout its life
- Suitable for a wide range of operating temperatures, -30° to +60°
- Step dimming available with remote control (see p.335)
- Suitable for relative humidity levels of up to 90%
- 7 year extended warranty including 2 years on site support



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71835/60	Toughbay High Output 60°	5700K	Yes	200W	28,000	140
JC71835/90	Toughbay High Output 90°	5700K	Yes	200W	28,000	140
JC71835/60MW	Toughbay High Output 60° micro. dim.	5700K	-	200W	28,000	140
JC71835/90MW	Toughbay High Output 90° micro. dim.	5700K	-	200W	28,000	140
JC71845	Bracket for 200W high output	-	-	-	-	-
LEV71805	Toughbay microwave remote	-	-	-	-	-

*Requires online registration.



OLYMPUS
Twin Pack

DENNIS

ELITE 6

AW

ADUR & WORTHING
WASTE SERVICES

AW

ADUR & WORTHING
WASTE SERVICES



8t
CRANE

CRANES

KONECRANES

VNI7 DPV

OLYMPUS
Jan-Pat

DENNIS

Toughbay™ Linear

The practical solution for a variety of warehouse applications

Toughbay™ Linear can retrofit both metal halide and fluorescent fittings providing outstanding maintenance and energy savings throughout a variety of warehouse applications.

DURABLE CONSTRUCTION

IK10 rating and IP65 construction makes Toughbay™ suitable for a wide range of warehouse environments.

OUTSTANDING THERMAL MANAGEMENT

High specification LED driver and innovative aluminium housing design allows JCC to provide a 7 year extended warranty on the 100W, 150W and 200W variants.

HIGH PERFORMANCE LED CHIPS

Highly efficient 140 LpcW LED chips at 5700K colour temperature for 100W, 150W and 200W variants.

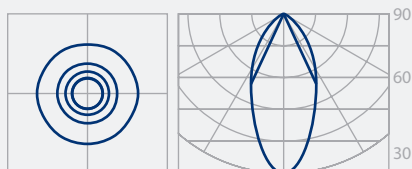
THREE LENS OPTIONS

Three polycarbonate lens options available to customise light distribution for any application.

Three lighting variants available

50° NARROW BEAM

Narrow beam distribution suitable for greater light levels at higher mounting applications.

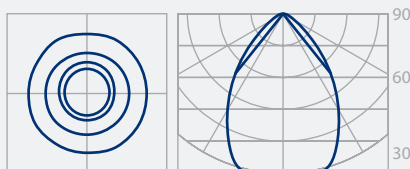


Bird's eye view

Cross view

80° WIDE BEAM

Wide beam distribution for lower mounting heights or applications that require greater light uniformity.

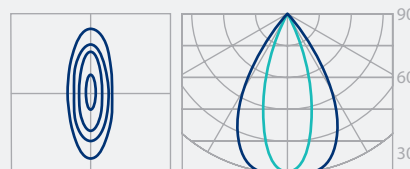


Bird's eye view

Cross view







30° x 60° RACKING BEAM

Rectangular light distribution ideal for walkway and warehouse racking applications.



Bird's eye view

Cross view

-  New product for 2018
-  7 year ext. warranty*
-  50°/80°/30°x60° beam angle options
-  Microwave versions available
-  Dimmable as standard
-  See p.334 mic. sensor and remote



LEV71805 (see p.335)
Toughbay microwave remote

Classification

Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

Finishes

Black

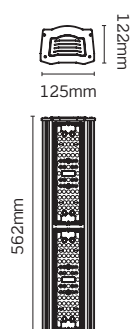
Construction

Body: Aluminium
Lens: Polycarbonate

Accessories

Microwave remote control
(see p.335)

JC71931



All data sheets and installation sheets available at jcc.co.uk

Toughbay™ Linear 100W

Outperforms traditional HID Lowbay

- Ultra efficient up to 140 lumens per circuit Watt
- IP65 protection against dust and moisture
- Multiple lenses available
- 1-10V dimmable as standard
- 30°x60° lens option, suitable for racking applications
- Step dimming available with remote control (see p.335)
- Suitable for a wide range of operating temperatures, -30° to +60°



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71931/30X60	Toughbay Linear 30°x60°	5700K	Yes	100W	14,000	140
JC71931/30X60MW	Toughbay Linear 30°x60° micro.	5700K	-	100W	14,000	140
JC71931/50	Toughbay Linear 50°	5700K	Yes	100W	14,000	140
JC71931/50MW	Toughbay Linear 50° micro.	5700K	-	100W	14,000	140
JC71931/80	Toughbay Linear 80°	5700K	Yes	100W	14,000	140
JC71931/80MW	Toughbay Linear 80° micro.	5700K	-	100W	14,000	140
LEV71805	Toughbay microwave remote	-	-	-	-	-

*Requires online registration.


Toughbay™ Linear 150W


High output linear highbay

- Ultra efficient up to 140 lumens per circuit Watt
- IP65 protection against dust and moisture
- Multiple lenses available
- 1-10V dimmable as standard
- 30°x60° lens option, suitable for racking applications
- Step dimming available with remote control (see p.335)
- Suitable for a wide range of operating temperatures, -30° to +60°




NEW New product for 2018

 7 year ext. warranty*

 50°/80°/30°x60° beam angle options

 Microwave versions available


 Dimmable as standard

 See p.334 mic. sensor and remote



^ LEV71805 (see p.335)
Toughbay microwave remote

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

Finishes

Black

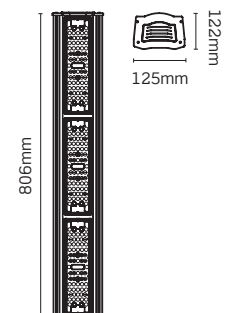
Construction

Body: Aluminium
Lens: Polycarbonate

Accessories

Microwave remote control (see p.335)

JC71932





Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71932/30X60	Toughbay Linear 30°x60°	5700K	Yes	150W	21,000	140
JC71932/30X60MW	Toughbay Linear 30°x60° micro.	5700K	-	150W	21,000	140
JC71932/50	Toughbay Linear 50°	5700K	Yes	150W	21,000	140
JC71932/50MW	Toughbay Linear 50° micro.	5700K	-	150W	21,000	140
JC71932/80	Toughbay Linear 80°	5700K	Yes	150W	21,000	140
JC71932/80MW	Toughbay Linear 80° micro.	5700K	-	150W	21,000	140
LEV71805	Toughbay microwave remote	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk


NEW New product for 2018

 7 year ext. warranty*

 50°/80°/30°x60° beam angle options

 Microwave versions available


 Dimmable as standard

 See p.334 mic. sensor and remote



▲ LEV71805 (see p.335)
Toughbay microwave remote

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

Finishes

Black

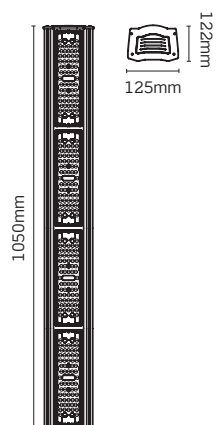
Construction

Body: Aluminium
Lens: Polycarbonate

Accessories

Microwave remote control
(see p.335)

JC71933



All data sheets and installation sheets available at jcc.co.uk

Toughbay™ Linear 200W

High output linear highbay

- Ultra efficient up to 140 lumens per circuit Watt
- IP65 protection against dust and moisture
- Multiple lenses available
- 1-10V dimmable as standard
- 30°x60° lens option, suitable for racking applications
- Step dimming available with remote control (see p.335)
- Suitable for a wide range of operating temperatures, -30° to +60°



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71933/30X60	Toughbay Linear 30°x60°	5700K	Yes	200W	28,000	140
JC71933/30X60MW	Toughbay Linear 30°x60° micro.	5700K	-	200W	28,000	140
JC71933/50	Toughbay Linear 50°	5700K	Yes	200W	28,000	140
JC71933/50MW	Toughbay Linear 50° micro.	5700K	-	200W	28,000	140
JC71933/80	Toughbay Linear 80°	5700K	Yes	200W	28,000	140
JC71933/80MW	Toughbay Linear 80° micro.	5700K	-	200W	28,000	140
LEV71805	Toughbay microwave remote	-	-	-	-	-

*Requires online registration.



Emergency

128

Plug & Play
Emergency Pack



129

Remote
Emergency Pack



130

IP65 Exit Bulkhead



131

Exit Box



132

Exit Blade



134

Twin Spot



136

Recessed LED
Downlight



137

Surface LED
Downlight



Plug and Play Emergency Pack

Plug and play emergency pack for selected JCC products

- Plug and play connectors for quick and simple installation
- For Skytile panels and all products with reference on page
- Minimum cut out 100mm



3 year ext. warranty
(batteries 2 years)*



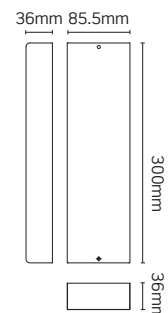
Classification

⊕ Class 1
IP20 | 240V

Construction

Body: Steel

EM00172



Code	Description	Watt
EM00172	Plug and Play Emergency Pack	50W Max


*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

Remote Emergency Pack

Emergency pack for selected JCC downlight products

NEW New product for 2018

 3 year ext. warranty (batteries 2 years)*

- Designed to convert JCC LED Downlights into emergency fittings
- For all products with reference on page
- Minimum cut out 70mm



Classification

Class 2
IP20 | 240V

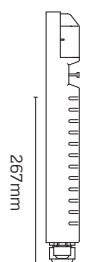
Construction

Body: Polycarbonate

Installation

Cut out Ø: 70mm

JCEM001



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Watt
JCEM001	Remote Emergency Pack	50W Max

*Requires online registration.


IP65 Exit Bulkhead

Direct 8W T5 retrofit LED exit bulkhead


- Supplied with up/down/left/right running man legends as standard
- Self test – 7W version only
- Suitable for use as maintained and non maintained
- Hinged LED gear tray for fast installation
- Side and rear conduit entry points



NEW New product for 2018

 3 year ext. warranty (batteries 2 years)*

Classification

 Class 1
IP65 | 240V

LED

6000K | CRI: Ra (80)

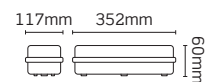
Finishes

White

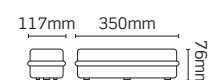
Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC50321



JC50313



Code	Description	Col temp.	Watt	Lumens DC	Lumens AC
JC50321	Exit bulkhead	6000K	3W	120	122
JC50313	Self test exit bulkhead	6000K	7W	200	400

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW

New product
for 20183 year ext. warranty
(batteries 2 years)*

Exit Box

Direct 8W T5 retrofit LED exit box

- Visible from a distance of 24 metres
- Supplied as standard with down running man legend
- Left/right or up running man legends bought separately
- Top and rear conduit entry knock out points
- Suitable for use as maintained and non maintained

✓ JC50303 (Shown with JC50304)



✓ JC50322 (Shown with JC50329)



Classification

Class 1
IP20 | 240V

LED

6000K | CRI: Ra (80)

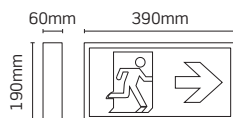
Finishes

White

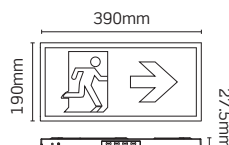
Construction

Body: Painted steel (JC50303),
Polycarbonate (JC50322),
Acrylic (Running man legend)
Diffuser: Polycarbonate

JC50303



JC50322

All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Watt	Lumens DC	Lumens AC
JC50303	Exit Box with down arrow**	6000K	6W	48	95
JC50304	Left & right running legend for JC50303	-	-	-	-
JC50314	Up running legend for JC50303	-	-	-	-
JC50322	Self Test Exit Box	6000K	3W	40	40
JC50329	Left/Right/Up legend for JC50322	-	-	-	-

** Running man legend kits bought separately

*Requires online registration.

Exit Blade

Contemporary LED exit wall blade

- Visible from a distance of 24 metres
- Running man legend kits bought separately
- Suitable for use as maintained and non maintained
- Hinged frame for wall and ceiling mounting applications (JC50323 only)

✓ JC50302



✓ JC50323



✓ JC50326



Code	Description	Col temp.	Watt	Lumens DC	Lumens AC
JC50302	Exit Blade**	6000K	3W	50	50
JC50323	Exit Blade Self Test**	6000K	3W	25	25
JC50326	Exit Blade Recessed**	6000K	3W	40	40
JC50308	Arrow left & right legend	-	-	-	-
JC50310	Arrow down legend (x2)	-	-	-	-
JC50311	Arrow up legend (x2)	-	-	-	-

** Running man legend kits bought separately

*Requires online registration.

NEW

New product
for 2018



3 year ext. warranty
(batteries 2 years)*

Classification

⊕ Class 1
IP20 | 240V

LED

6000K | CRI: Ra (87)

Finishes

White

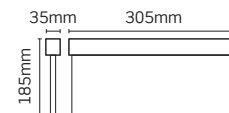
Construction

Body: Polycarbonate
Diffuser: Polycarbonate

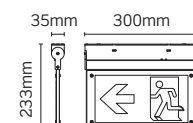
Accessories

1 x Right & 1 x Left running man
legend (JC50308)
2 x Arrow Down (JC50310)
2 x Arrow Down (JC50311)

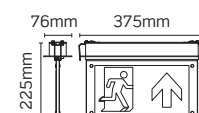
JC50302



JC50323



JC50326



All data sheets and installation sheets
available at jcc.co.uk



New product
for 2018



3 year ext. warranty
(batteries 2 years)*

Classification

⊕ Class 1
IP20 | 240V

LED

6000K | CRI: Ra (87)

Finishes

White

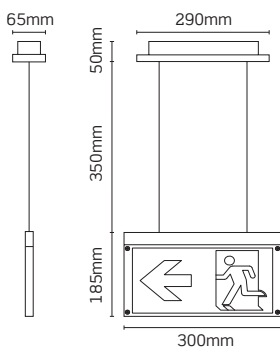
Construction

Body: Polycarbonate
Diffuser: Polycarbonate

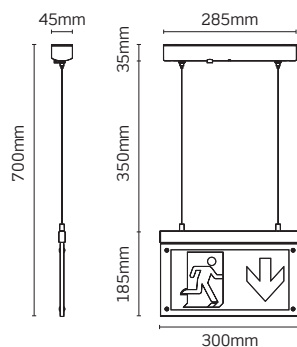
Accessories

1 x Right & 1 x Left running man
legend (JC50308)
2 x Arrow Down (JC50310)
2 x Arrow Down (JC50311)

JC50324



JC50325



Suspended Exit Blade

Contemporary LED exit wall blade

- Visible from a distance of 24 metres
- Running man legend kits bought separately
- Suitable for wall and ceiling mounting applications
- Adjustable suspension wires
- Suitable for use as maintained and non maintained

✓ JC50324



✓ JC50325



Code	Description	Col temp.	Watt	Lumens DC	Lumens AC
JC50324	Exit Blade recessed suspended**	6000K	3W	40	40
JC50325	Exit Blade surface suspended**	6000K	3W	25	25
JC50308	Arrow left & right legend	-	-	-	-
JC50310	Arrow down legend (x2)	-	-	-	-
JC50311	Arrow up legend (x2)	-	-	-	-

** Running man legend kits bought separately


Twin Spot

IP65 emergency LED twin spot

- Durable polycarbonate construction
- Twin side conduit entry
- Lightweight design for quick and simple installation
- Ideal for commercial and industrial applications
- Self test version available
- Non-maintained only



NEW New product for 2018

 3 year ext. warranty (batteries 2 years)*

Classification

⊕ Class 1
IP65 | 240V

LED

6000K
CRI: Ra (48) (JC**50305**)
CRI: Ra (70) (JC**50328**)

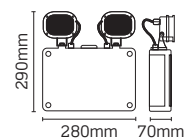
Finishes

White

Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC50305 / JC50328



Code	Description	Col temp.	Watt	Lumens	LpcW
JC 50305	IP65 Twin Spot	6000K	2x3W	470	78
JC 50328	IP65 Twin Spot Self test	6000K	2x6W	700	58

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW

New product
for 20183 year ext. warranty
(batteries 2 years)*

Twin Spot

IP20 emergency LED twin spot

- Durable polycarbonate construction
- Twin side conduit entry
- Lightweight design for quick and simple installation
- Ideal for commercial and industrial applications
- Non-maintained only



Classification

⊕ Class 1
IP20 | 240V

LED

6000K | CRI: Ra (77)

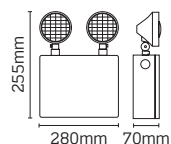
Finishes

White

Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC50327



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Watt	Lumens	LpcW
JC50327	IP20 Twin Spot	6000K	2x2.5W	300	60

*Requires online registration.

Emergency LED Downlight

Recessed 3W remote LED downlight

- Non-maintained only
- 3W recessed downlight
- Ideal for emergency lighting in offices and corridors



3 year ext. warranty
(batteries 2 years)*



120°
beam angle

Classification

Class 2
IP20 | 240V

LED

6000K | CRI: Ra (80)

Finishes

White

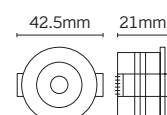
Construction

Body: Polycarbonate
Lens: Polycarbonate

Installation

Cut out Ø: 34mm

JC50306



Code	Description	Col temp.	Watt	Lumens	LpcW
JC50306	Emergency LED Downlight	6000K	3W	103	34

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



3 year ext. warranty
(batteries 2 years)*

Surface LED Downlight

Surface mount emergency 3W LED downlight

- Non-maintained only
- Quick and simple surface mount installation
- Ideal for contemporary commercial applications



Classification

Class 2
IP20 | 240V

LED

6000K | CRI: Ra (80)

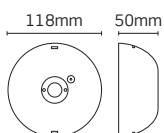
Finishes

White

Construction

Body: Polycarbonate
Lens: Polycarbonate

JC50307



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Watt	Lumens	LpcW
JC50307	Surface LED Downlight	6000K	3W	103	34

*Requires online registration.



Interior Pendants

140

Architectural
Pendant



143

Architectural
Pendant High Output



144

Dome
Pendant



145

Ring
Pendant



Architectural Pendant 10W

Decorative interior LED pendant

- Stylish, ultra modern design
- Pre-wired with three-core cable and a braided outer sleeving
- Triac dimmable as standard
- Available in white and black finishes
- Up to 91 lumens per circuit Watt



NEW New product for 2018

5 year ext. warranty*

36° beam angle

Dimmable as standard



JC84210BLK

Classification

Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

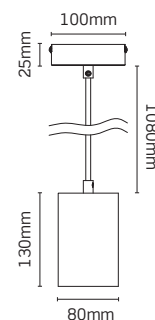
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

JC84211



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84210	Architectural LED Pendant	3000K	Yes	10W	870	87
JC84211	Architectural LED Pendant	4000K	Yes	10W	910	91

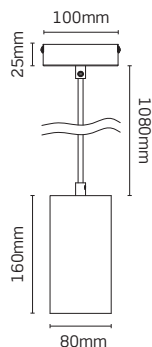
For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEWNew product
for 20185 year
ext. warranty*36°
beam angleDimmable
as standard

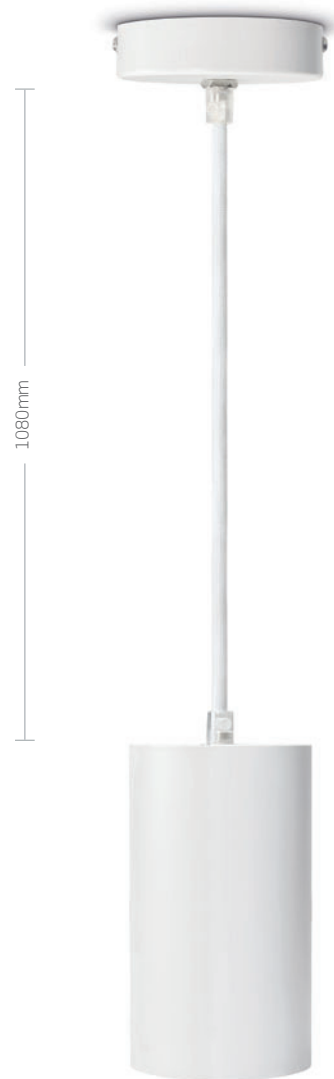
JC84212BLK

ClassificationClass 1
IP20 | 240V**LED**3000K | CRI: Ra (80)
4000K | CRI: Ra (80)**Finishes**Black (**BLK**), White (**WH**)**Construction**Body: Aluminium
Lens: Glass**JC84213**All data sheets and installation sheets
available at jcc.co.uk

Architectural Pendant 18W

Decorative interior LED pendant

- Stylish, ultra modern design
- Pre-wired with three-core cable and a braided outer sleeving
- Triac dimmable as standard
- Available in white and black finishes
- Up to 89 lumens per circuit Watt



JC84212WH

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84212	Architectural LED Pendant	3000K	Yes	18W	1500	83
JC84213	Architectural LED Pendant	4000K	Yes	18W	1600	89

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Architectural Pendant 25W

Decorative interior LED pendant

- Stylish, ultra modern design
- Pre-wired with three-core cable and a braided outer sleeving
- Triac dimmable as standard
- Available in white and black finishes
- Up to 80 Lumens per circuit Watt



NEW New product for 2018

5 year ext. warranty*

36° beam angle

Dimmable as standard



Classification

Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

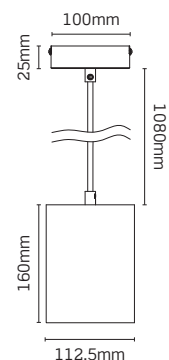
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Glass

JC84215



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84214	Architectural LED Pendant	3000K	Yes	25W	1950	78
JC84215	Architectural LED Pendant	4000K	Yes	25W	2000	80


For Black add **BLK** suffix, for White add **WH** suffix.


*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

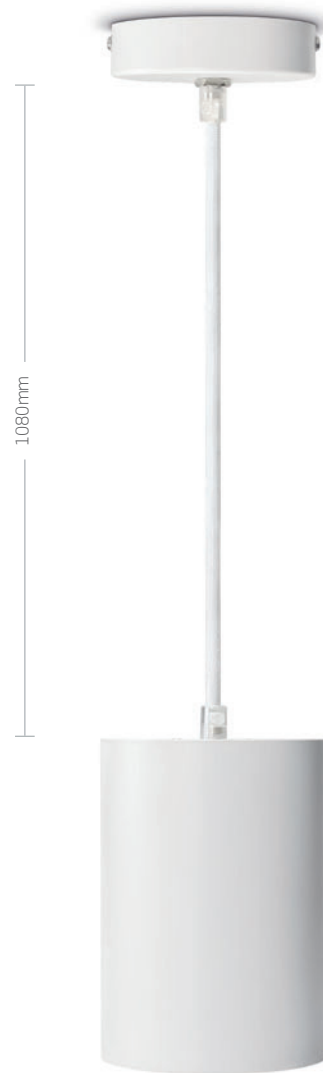
 24°/36° beam angle

 Produced to order call 01243 838999


Architectural Pendant 25W

High output interior LED Pendant

- 2 beam angle variants available
- Ultra efficient, up to 128 lumens per circuit Watt
- Stylish, ultra modern design
- Produced to order, contact JCC customer services on **01243 838999**



Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

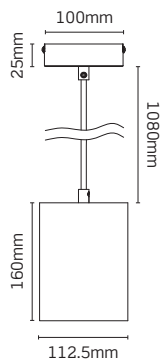
Finishes

White

Construction

Body: Aluminium
Lens: Glass

JC84218



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC84216	High output LED pendant 24°	3000K	No	25W	2700	108
JC84217	High output LED pendant 36°	3000K	No	25W	2700	108
JC84218	High output LED pendant 24°	4000K	No	25W	2800	112
JC84219	High output LED pendant 36°	4000K	No	25W	2800	112

Products available to order, contact JCC customer services on **01243 838999**.

*Requires online registration.

Dome Pendant

Architectural retail LED pendant

- Ultra efficient, up to 127 lumens per circuit Watt
- Black and white finish options available
- Suitable for open plan commercial and retail applications

✓ JC71860BLK



370mm

NEW New product for 2018

3 year ext. warranty*

45° beam angle



∧ JC71860WH

Classification

⊕ Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

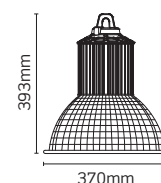
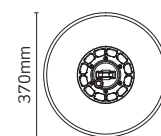
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC71861



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC71860	LED Dome Pendant	3000K	No	30W	3500	117
JC71861	LED Dome Pendant	4000K	No	30W	3800	127

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

5 year ext. warranty*

120° beam angle

Dimmable as standard

See p.204 for surface mounted option

Classification

Class 1
IP40 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

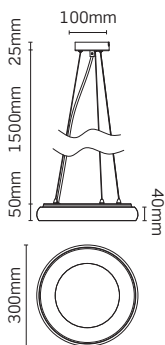
Finishes

Black

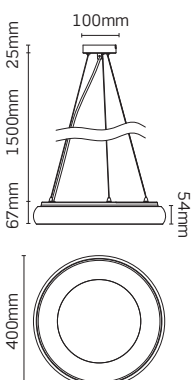
Construction

Body: Aluminium
Diffuser: Polycarbonate

JC96400 / JC96401



JC96402 / JC96403

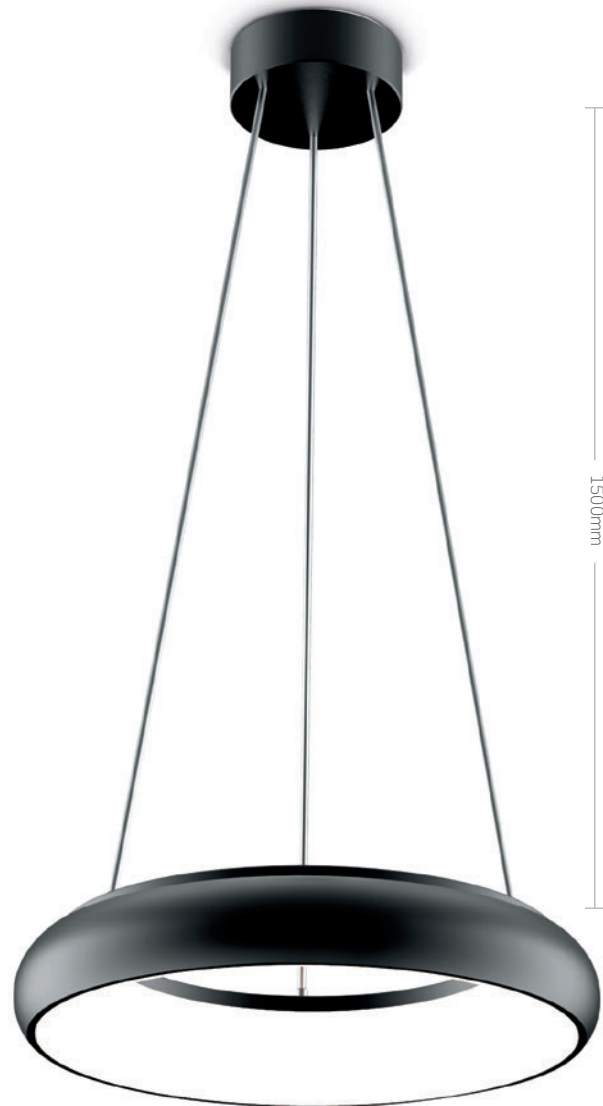


All data sheets and installation sheets available at jcc.co.uk

Ring Pendant

Architectural interior LED lighting

- Decorative LED feature pendant
- Surface mounted option available, see p.204
- Triac dimmable as standard
- Up to 90 lumens per circuit Watt



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96401	LED Ring Pendant	3000K	Yes	25W	2130	85
JC96400	LED Ring Pendant	4000K	Yes	25W	2190	88
JC96403	LED Ring Pendant	3000K	Yes	35W	2900	83
JC96402	LED Ring Pendant	4000K	Yes	35W	3160	90

*Requires online registration.

The background is a dark charcoal grey. On the left side, there are two large, overlapping circles. The top circle is a medium-dark grey, and the bottom circle is a slightly lighter shade of grey. The text is centered horizontally and positioned between the two circles.

Retail Spotlights & Track Systems

148

Retail Light Box



151

Starscoop™ Linear



152

Starscoop™



154

Starscoop™ High Output



158

Starspot™ 600



160

Starspot™ 1000



161

Starspot™ 1500



162

Starspot™ 3000



163

Starspot™ Global Track



164

Aztek



167

Halogen Track Kit



168

Sigma Spotlight



169

Standard Spotlight



170

Single Circuit Track



172

Three Circuit Track



174

Starspot™ 500 Surface



177

Bonito Spotlight




Retail Light Box


High output retail spotlights

- Highly efficient, up to 117 lumens per circuit Watt
- Multi pivot positioning
- Lifelong consistent colour temperature and rendering
- Available in 15°, 24° and 36° beam angles
- Produced to order, contact JCC customer services on **01243 838999**

NEW New product for 2018

 5 year ext. warranty*

 15°/24°/36° beam angle options

 Produced to order call 01243 838999


✓ JC66014WH



✓ JC66014BLK



Classification

 Class 2
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Cut out: 160 x 160mm

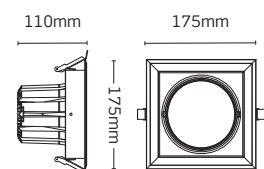
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC66011	Retail Light Box Single 15°	3000K	No	35W	3850	110
JC66014	Retail Light Box Single 15°	4000K	No	35W	4120	118
JC66012	Retail Light Box Single 24°	3000K	No	35W	3850	110
JC66015	Retail Light Box Single 24°	4000K	No	35W	4120	118
JC66013	Retail Light Box Single 36°	3000K	No	35W	3850	110
JC66016	Retail Light Box Single 36°	4000K	No	35W	4120	118

Products available to order, contact JCC customer services on **01243 838999**.

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.


JC66011 / JC66014 / JC66012
/ JC66015 / JC66013 / JC66016



All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

 15°/24°/36° beam angle options

 Produced to order call 01243 838999

Retail Light Box

High output retail spotlights

- Highly efficient, up to 117 lumens per circuit Watt
- Multi pivot positioning
- Lifelong consistent colour temperature and rendering
- Available in 15°, 24° and 36° beam angles
- Produced to order, contact JCC customer services on **01243 838999**


✓ JC66024WH



✓ JC66024BLK



Classification

 Class 2
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

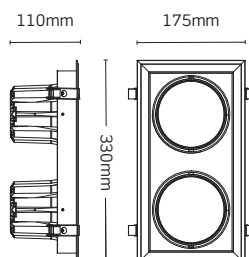
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Cut out: 310 x 160mm

JC66021 / JC66024 / JC66022 /
JC66025 / JC66023 / JC66026



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC66021	Retail Light Box Twin 15°	3000K	No	70W	7680	110
JC66024	Retail Light Box Twin 15°	4000K	No	70W	8200	117
JC66022	Retail Light Box Twin 24°	3000K	No	70W	7680	110
JC66025	Retail Light Box Twin 24°	4000K	No	70W	8200	117
JC66023	Retail Light Box Twin 36°	3000K	No	70W	7680	110
JC66026	Retail Light Box Twin 36°	4000K	No	70W	8200	117

Products available to order, contact JCC customer services on **01243 838999**.

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Retail Light Box

High output retail spotlights

- Highly efficient, up to 117 lumens per circuit Watt
- Multi pivot positioning
- Lifelong consistent colour temperature and rendering
- Available in 15°, 24° and 36° beam angles
- Produced to order, contact JCC customer services on **01243 838999**

✓ JC66034WH



✓ JC66034BLK



NEW

New product for 2018



5 year ext. warranty*



15°/24°/36° beam angle options



Produced to order call 01243 838999

Classification

Class 2
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

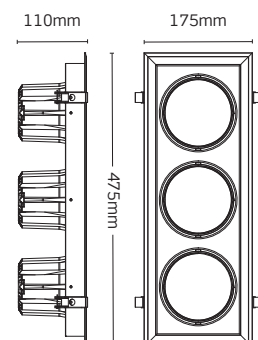
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Cut out: 445 x 160mm

JC66031 / JC66034 / JC66032 /
JC66035 / JC66033 / JC66036




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC66031	Retail Light Box Triple 15°	3000K	No	105W	11,520	110
JC66034	Retail Light Box Triple 15°	4000K	No	105W	12,300	117
JC66032	Retail Light Box Triple 24°	3000K	No	105W	11,520	110
JC66035	Retail Light Box Triple 24°	4000K	No	105W	12,300	117
JC66033	Retail Light Box Triple 36°	3000K	No	105W	11,520	110
JC66036	Retail Light Box Triple 36°	4000K	No	105W	12,300	117


Products available to order, contact JCC customer services on **01243 838999**.

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

NEW New product for 2018

 3 year ext. warranty*

 120° beam angle

 Emergency options available


Starscoop™ Linear

High output retail scoop light

- Durable die cast aluminium construction
- Highly efficient, 101 lumens per circuit Watt
- Lifelong consistent colour temperature and rendering
- 120° beam angle for wider light distribution
- 45° tiltable



Classification

 Class 2
IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White (WH)

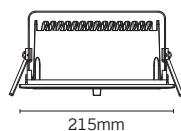
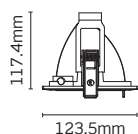
Construction

Body: Aluminium
Lens: Glass

Installation

Cut out: 220 x 130mm

JC47440WH



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC47440WH	Starscoop Linear	4000K	No	40W	4050	101
EM00172	Plug and Play Emergency Pack	-	-	-	-	-

*Requires online registration.

Starscoop™ 20W

Commercial LED display light

- Highly efficient, 101 lumens per circuit Watt
- Zero maintenance, no need to relamp
- Available in white and black finishes
- Durable die cast aluminium construction
- 350° rotatable and 35° tiltable


✓ JC47441WH





✓ JC47441BLK





NEW New product for 2018

 3 year ext. warranty*

 36° beam angle

 Emergency options available

Classification

 Class 2
 Class 1 (EM00172)
 IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

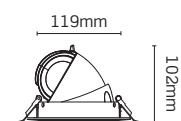
Construction

Body: Aluminium
 Lens: Glass

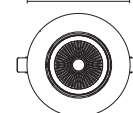
Installation

Cut out Ø: 120-130mm

JC47441



Ø145mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
------	-------------	-----------	------	------	--------	------

JC47441	Starscoop	4000K	No	20W	2020	101
---------	-----------	-------	----	-----	------	-----

EM00172	Plug and Play Emergency Pack	-	-	-	-	-
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For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

Starscoop™ 35W

Commercial LED display light

- NEW** New product for 2018
-  3 year ext. warranty*
-  45° beam angle
-  Emergency options available

- Highly efficient, 97 lumens per circuit Watt
- Zero maintenance, no need to relamp
- Available in white and black finishes
- Durable die cast aluminium construction
- 350° rotatable and 35° tiltable



✓ JC47442WH



✓ JC47442BLK



Classification

-  Class 2
-  Class 1 (EM00172)
- IP20 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Black (BLK), White (WH)

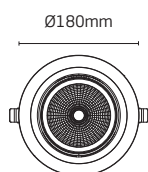
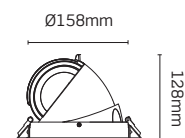
Construction

Body: Aluminium
Lens: Glass

Installation

Cut out Ø: 165-170mm

JC47442



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC47442	Starscoop	4000K	No	35W	3400	97
EM00172	Plug and Play Emergency Pack	-	-	-	-	-

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Starscoop™ High Output

High performance 20W commercial LED display light

- Ultra efficient, up to 117 lumens per circuit Watt
- Available in both black and white finishes
- Zero maintenance, no need to relamp
- Lifelong consistent colour temperature and rendering
- Available in 24°, 45° and 60° beam angles
- Produced to order, contact JCC customer services on **01243 838999**

✓ JC47446BLK




✓ JC47446WH



NEW New product for 2018

 5 year ext. warranty*

 24°/45°/60° beam angle options

 Emergency options available

 Produced to order call 01243 838999

Classification

Class 2
 Class 1 (EM**00172**)
 IP20 | 240V

LED

3000K | CRI: Ra (80)
 4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

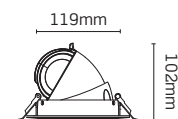
Construction

Body: Aluminium
 Lens: Glass

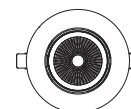
Installation

Cut out Ø: 120-130mm

JC47443 / JC47446 / JC47444 /
 JC47447 / JC47445 / JC47448



Ø145mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC47443	Starscoop 24°	3000K	No	20W	2230	112
JC47446	Starscoop 24°	4000K	No	20W	2330	117
JC47444	Starscoop 45°	3000K	No	20W	2230	112
JC47447	Starscoop 45°	4000K	No	20W	2330	117
JC47445	Starscoop 60°	3000K	No	20W	2230	112
JC47448	Starscoop 60°	4000K	No	20W	2330	117
EM00172	Plug and Play Emergency Pack	-	-	-	-	-

Products available to order, contact JCC customer services on **01243 838999**.



For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

Starscoop™ High Output

High performance 35W commercial LED display light

- NEW New product for 2018
-  5 year ext. warranty*
-  24°/45°/60° beam angle options
-  Emergency options available
-  Produced to order call 01243 838999

- Ultra efficient, up to 114 lumens per circuit Watt
- Available in both black and white finishes
- Zero maintenance, no need to relamp
- Lifelong consistent colour temperature and rendering
- Available in 24°, 45° and 60° beam angles
- Produced to order, contact JCC customer services on **01243 838999**

✓ JC47452BLK



✓ JC47452WH



Classification

- Class 2
- Class 1 (EM**00172**)
- IP20 | 240V

LED

- 3000K | CRI: Ra (80)
- 4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

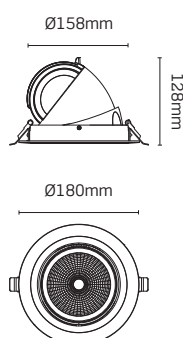
Construction

Body: Aluminium
Lens: Glass

Installation

Cut out Ø: 165-170mm

JC47449 / JC47452 / JC47450 /
JC47453 / JC47451 / JC47454



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC47449	Starscoop 24°	3000K	No	35W	3780	108
JC47452	Starscoop 24°	4000K	No	35W	4000	114
JC47450	Starscoop 45°	3000K	No	35W	3780	108
JC47453	Starscoop 45°	4000K	No	35W	4000	114
JC47451	Starscoop 60°	3000K	No	35W	3780	108
JC47454	Starscoop 60°	4000K	No	35W	4000	114
EM00172	Plug and Play Emergency Pack	-	-	-	-	-

Products available to order, contact JCC customer services on **01243 838999**.

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.






Starspot™ 600

Dimmable LED spotlights

- Exceeds 50W halogen light output
- Triac dimmable as standard
- 36° beam angle

✓ JC14222WH



 5 year ext. warranty*


 36° beam angle

 Dimmable as standard



✓ JC14222BLK

Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

Finishes

Black (**BLK**), White (**WH**)

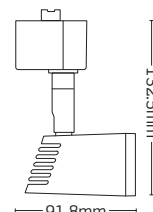
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14222 / JC14223



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC14222	Starspot 600	3000K	Yes	7W	580	83
JC14223	Starspot 600	4000K	Yes	7W	600	86

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk

Starspot™ 600 Track Kit

High performance LED spotlights

NEW New product for 2018

 5 year ext. warranty*

 36° beam angle


 Dimmable as standard

- Track kit includes: 3 x Starspot 600 spotlights, 1120mm track section and 86mm live end
- 20% greater light output than 50W GU10 halogen
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- Triac dimmable as standard



∧ JC14224BLK

Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

Finishes

Black (**BLK**), White (**WH**)

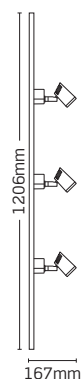
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Method of fix: Surface Mounted

JC14224 / JC14225



All data sheets and installation sheets available at jcc.co.uk

✓ JC14222WH



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC14224	Starspot 600 Track Kit	3000K	Yes	7W	580	83
JC14225	Starspot 600 Track Kit	4000K	Yes	7W	600	86

For Black add **BLK** suffix, for White add **WH** suffix.


*Requires online registration.

Starspot™ 1000

High performance LED spotlights

- Life long consistent colour rendering
- No UV, ideal for retail applications
- High performance COB LED module
- 40° beam angle

 5 year ext. warranty*


 40° beam angle

✓ JC14154WH



✓ JC14154BLK

Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

Finishes

Black (**BLK**), White (**WH**)

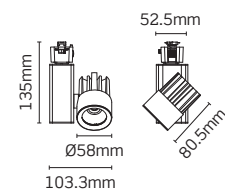
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14154 / JC14155




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC14154	Starspot 1000	3000K	No	15W	900	60
JC14155	Starspot 1000	4000K	No	15W	1000	67

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

 5 year
ext. warranty*

 40°
beam angle

Starspot™ 1500


High performance LED spotlights

- Life long consistent colour rendering
- No UV, ideal for retail applications
- High performance COB LED module
- 40° beam angle



 JC14157WH

Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

Finishes

Black (**BLK**), White (**WH**)

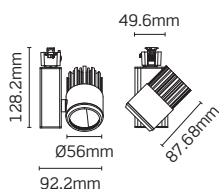
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14156 / JC14157



All data sheets and installation sheets
available at jcc.co.uk

 JC14157BLK



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC14157	Starspot 1500	3000K	No	20W	1300	65
JC14156	Starspot 1500	4000K	No	20W	1500	75

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Starspot™ 3000

High performance LED spotlights

- Up to 88 lumens per circuit Watt
- No UV and virtually no radiated heat
- Instant start up, no warm up time
- Available in 15° and 38° beam angles

✓ JC14204WH




 5 year
ext. warranty*

 15°/38°
beam angle



✓ JC14204BLK

Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

Finishes

Black (**BLK**), White (**WH**)

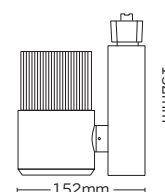
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14200 / JC14201 / JC14204
/ JC14205




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC14204	Starspot 3000 15°	3000K	No	34W	2800	83
JC14205	Starspot 3000 15°	4000K	No	34W	3000	88
JC14200	Starspot 3000 38°	3000K	No	34W	2800	83
JC14201	Starspot 3000 38°	4000K	No	34W	3000	88


For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

 15°/24°/ 36° beam angle options

 Produced to order call 01243 838999


Starspot™ Global Track

Retrofit global track spotlight

- Highly efficient, up to 96 lumens per circuit Watt
- Available in both black and white finishes
- Zero maintenance, no need to relamp
- Available in 15°, 24° and 36° beam angles
- Produced to order, contact JCC customer services on **01243 838999**



Classification

 Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

Black (**BLK**), White (**WH**)

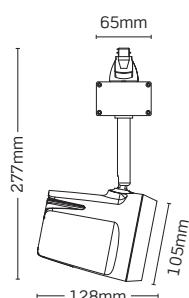
Construction

Body: Aluminium
Lens: Polycarbonate

Installation

Method of fix: Global track
Only for use with global track systems. Not compatible with JCC Single or Three Circuit Track.

JC14300 / JC14301 / JC14302 / JC14303 / JC14304 / JC14305



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC14300	Global Track Fitting 15°	3000K	No	35W	3200	91
JC14303	Global Track Fitting 15°	4000K	No	35W	3370	96
JC14301	Global Track Fitting 24°	3000K	No	35W	3200	91
JC14304	Global Track Fitting 24°	4000K	No	35W	3370	96
JC14302	Global Track Fitting 36°	3000K	No	35W	3200	91
JC14305	Global Track Fitting 36°	4000K	No	35W	3370	96

Products available to order, contact JCC customer services on **01243 838999**.

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Aztek Halogen

Halogen spotlights for mains halogen lamps

- 180° tiltable and 350° rotatable
- Lamp not included

✓ JC14102



✓ JC14104



2 year
product guarantee

Classification

⊕ Class 1
IP20 | 240V

Lamp

JC14102WH - QPAR16 50W
JC14104WH - HiSpot ES111
75W
(not supplied)

Finishes

White (WH)

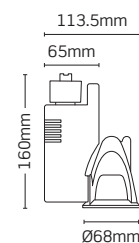
Construction

Body: Aluminium

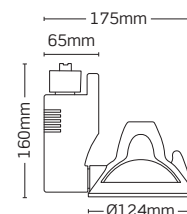
Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14102



JC14104



Code	Description	Col temp.	Dim.	Lamp	Lumens
JC14102WH	Aztek Halogen	-	No	QPAR16 50W	-
JC14104WH	Aztek Halogen	-	No	HiSpot ES111 75W	-



2 year product guarantee

Aztek Low Voltage

Low voltage spotlights with integral transformer

- 180° tiltable and 350° rotatable
- Lamp not included
- Available in black or white

✓ JC14108



✓ JC14109



Classification

⊕ Class 1
IP20 | 240V

Lamp

JC14108 - MR16 50W
JC14109 - AR111 50W
(not supplied)

Finishes

Black (**BLK**), White (**WH**)

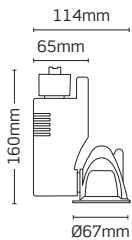
Construction

Body: Aluminium

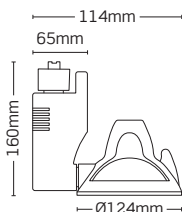
Installation

Method of fix: Fixed to Single Circuit Track or Three Circuit with JC88118

JC14108



JC14109



Code	Description	Col temp.	Dim.	Lamp	Lumens
JC14108	Aztek Low Voltage	-	No	MR16 50W	-
JC14109	Aztek Low Voltage	-	No	AR111 50W	-

For Black add **BLK** suffix, for White add **WH** suffix.

Aztek CDM-T

Spotlights for G12 ceramic metal halide lamps

- 180° tiltable and 350° rotatable
- 60° beam angle
- Lamp not included



2 year
product guarantee

Classification

⊕ Class 1
IP20 | 240V

Lamp

CDM-T 35W
(not supplied)

Finishes

White (**WH**)

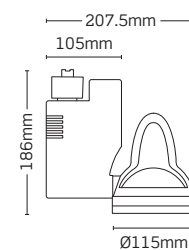
Construction

Body: Aluminium

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14112WH



Code	Description
JC14112WH	Aztek CDM-T

Lamp
CDM-T 35W



2 year product guarantee

Halogen Track Kit

50W halogen track kit with four spotlights

- Available in black or white
- Lamp not included

✓ JC14048WH



Classification

⚡ Class 1
IP20 | 240V

Lamp

QPAR16 50W
(not supplied)

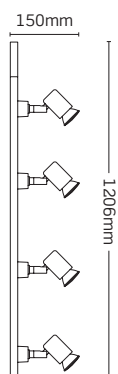
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Steel

JC14048



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Lamp
JC14048	Halogen Track Kit	QPAR16 50W x 4
For Black add BLK suffix, for White add WH suffix.		

Sigma Spotlight

Halogen track fitting

- 50W halogen track spotlights
- Available in black or white
- Lamp not included

✓ JC14044BLK



2 year
product guarantee

Classification

⊕ Class 1
IP20 | 240V

Lamp

QPAR16 50W GU10
(not supplied)

Finishes

Black (**BLK**), White (**WH**)

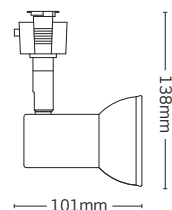
Construction

Body: Steel

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14044



Code	Description
JC14044	Sigma Spotlight

Lamp
QPAR16 50W

For Black add **BLK** suffix, for White add **WH** suffix.



2 year
product guarantee



✓ JC14032BLK



✓ JC14032SIL

Classification

⊕ Class 1
IP20 | 240V

LED

QPAR16 50W GU10
(not supplied)

Finishes

Black (**BLK**), Silver (**SIL**),
White (**WH**)

Construction

Body: Steel

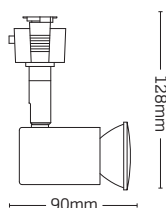
Accessories

Halogen Track Kit (JC14048)

Installation

Method of fix: Fixed to Single
Circuit Track or Three Circuit with
JC88118

JC14032



All data sheets and installation sheets
available at jcc.co.uk

Standard Spotlight

Standard 50W halogen track fitting

- 50W halogen track spotlights
- Available in black, silver or white
- Lamp not included

✓ JC14032WH



Code	Description	Lamp
JC14032	Standard Spotlight	QPAR16 50W

For Black add **BLK** suffix, for Silver add **SIL** suffix, for White add **WH** suffix.

Single Circuit Track

Single circuit track with range of accessories

- Compatible with all JCC single circuit spotlights
- Track may be cut to required length
- Supplied with end caps (3mm)
- Available in black or white

✓ JC14001WH (510mm)



✓ JC14002BLK (1120mm)



2 year
product guarantee

Classification

⊕ Class 1

IP20 | 240V | 16 amp max

Max Weight Load

JC14011 - 1.5kg (using eye),
0.5kg (without using eye)

Finishes

Black (**BLK**), White (**WH**)

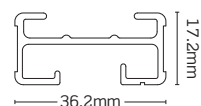
Construction

Body: Steel

Code	Description
JC14001	Single Circuit Track 510mm track section
JC14002	Single Circuit Track 1120mm track section
JC14003	Single Circuit Track 2340mm track section

For Black add **BLK** suffix, for White add **WH** suffix.

JC14001 / JC14002 / JC14003



Single Circuit Track Accessories

Accessories & connections for single circuit track

- Range of accessories available
- 16 amp max
- IP20 protection
- Available in black or white



Classification

⊕ Class 1
IP20 | 240V | 16 amp max

Max Weight Load

JC14011 - 1.5kg (using eye),
0.5kg (without using eye)

0.5 kg (JC14012)

Finishes

Black (BLK), White (WH)

Construction

Cover: Polycarbonate
Body: Steel

Code	Description
JC14004	Track connector with power
JC14005	Right angle (L) & straight connector with power feed
JC14006	T connector
JC14007	4 way connector
JC14008	Power feed for track centre
JC14009	Power feed at track end with conduit entry
JC14010	Flexible connector
JC14011	Adapter to suspend pendants from track (5amp max)
JC14012	Adapter to provide power from track to pendants etc (1M flex - 5amp max)
JC14013	Power feed at track end
JC14070	Surface adapter for mainline fittings
JC14093	Suspension kit for suspended ceilings
JC14094	Wire suspension kit (2M)

For Black add **BLK** suffix, for White add **WH** suffix.

Three Circuit Track

Three circuit flexible track system fittings

- Three circuit flexible track system for retail and display applications
- Available in black or white
- Suitable for use with three circuit track adapter (JC88118)
- 20 amp max

✓ JC88103BLK



✓ JC88103WH



2 year
product guarantee

Classification

⊕ Class 1

IP20 | 240V | 20 amp max

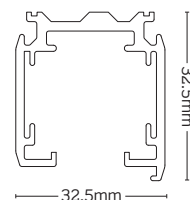
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium

JC88103



Code	Description
JC88103	3M track section

For Black add **BLK** suffix, for White add **WH** suffix.

Three Circuit Track Accessories

Three circuit flexible track system fittings

- Three circuit flexible track system for retail and display applications
- Available in black or white
- Suitable for use with three circuit track adapter (JC88118)
- 20 amp max



Classification

Ⓜ Class 1
IP20 | 240V | 20 amp max

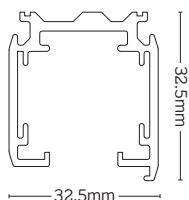
Finishes

Black (BLK), White (WH)

Construction

Body: Aluminium

JC88103



All data sheets and installation sheets available at jcc.co.uk

Code	Description
JC88104	Power feed - right
JC88105	Power feed - left
JC88106	Concealed track connector
JC88107	L connector - right sided earth
JC88108	L connector - left sided earth
JC88109	T connector - right sided earth
JC88110	T connector - left sided earth
JC88111	End cap
JC88112	Ceiling bracket connector*
JC88113	Track connector with power feed
JC88114	Wire suspension kit* 1.5m
JC88115	Crossover connector
JC88116	Flexible elbow connector
JC88117	Three circuit track adapter (10amp max)

For Black add **BLK** suffix, for White add **WH** suffix.

*Only available in White (WH)



✓ To convert any single circuit spotlight into a three circuit option, please order our adapter, **JC88118**

Starspot™ 500 Surface Single

High performance LED surface mounted spotlights

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Cool and warm white options available
- 350° rotation and 90° tilt

✓ JC14159WH



5 year
ext. warranty*

Classification

⊕ Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

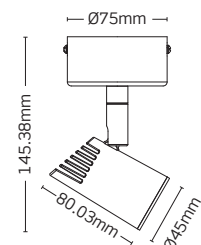
Finishes

White (WH)

Construction

Body: Aluminium
Lens: Polycarbonate

JC14158 / JC14159



Code	Description	Col temp.	Dim.	Watt	Lumens	LPCW
JC14159WH	Starspot Surface 500	3000K	No	7W	450	64
JC14158WH	Starspot Surface 500	4000K	No	7W	480	69

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



5 year
ext. warranty*

Starspot™ 500 Surface Triple

High performance LED surface mounted spotlights

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 350° rotation and 90° tilt



JC14162SCH

Classification

Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

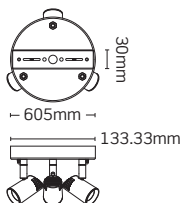
Finishes

Satin Chrome (SCH), White (WH)

Construction

Body: Aluminium
Lens: Polycarbonate

JC14162 / JC14163



All data sheets and installation sheets
available at jcc.co.uk

JC14162WH



Code	Description	Col temp.	Dim.	Watt	Lumens	LPCW
JC14163	Starspot Surface 500 Triple Plate	3000K	No	3 x 7W	1350	64
JC14162	Starspot Surface 500 Triple Plate	4000K	No	3 x 7W	1440	69

For Satin Chrome add **SCH** suffix, for White add **WH** suffix.

*Requires online registration.

Starspot™ 500 Surface Triple

High performance LED surface mounted spotlights

- Exceeds 50W halogen light output
- Over 80% energy saving against halogen
- Zero maintenance, no need to relamp
- 350° rotation and 90° tilt

✓ JC14106WH



5 year
ext. warranty*



∧ JC14106SCH

Classification

⊕ Class 1
IP20 | 240V

LED

3000K | CRI: Ra (85)
4000K | CRI: Ra (85)

Finishes

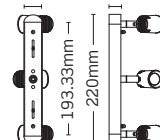
Satin Chrome (**SCH**), White (**WH**)

Construction

Body: Aluminium
Lens: Polycarbonate

JC14160 / JC14161

33.33mm 20.67mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LPCW
JC14161	Starspot Surface 500 Triple Bar	3000K	No	3 x 7W	1350	64
JC14160	Starspot Surface 500 Triple Bar	4000K	No	3 x 7W	1440	69

For Satin Chrome add **SCH** suffix, for White add **WH** suffix.



2 year product guarantee

Bonito Spotlight

Surface mounted halogen spotlight

- 50W halogen spotlight
- Available in silver only
- Lamp not included



Classification

⊕ Class 1
IP20 | 240V

Lamp

QPAR16 50W GU10
(not supplied)

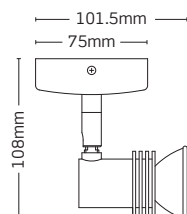
Finishes

Silver

Construction

Body: Steel
Head: Aluminium

JC13050



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Watt
JC13050SIL	Bonito Spotlight	QPAR16 50W

The image features a dark blue background with a large, light blue, semi-transparent stylized letter 'S' on the left side. The 'S' is composed of several overlapping circular and semi-circular shapes. The text 'Undershelf & cabinet' is centered within the 'S' in a white, sans-serif font.

Undershelf &
cabinet

184

Bespoke LED Strip



185

Bespoke LED Strip
Accessories



188

5m LED Strip



189

5m LED Strip
Accessories



190

LED Undercabinet



192

T5 Undershelf



193

Low Voltage
Undershelf



Tailor made LED Strip lighting



Introducing our LED Strip light service

The new LED Strip light service offers a bespoke solution through your preferred wholesaler. Use our online configurator to build your kit, then simply provide the order summary to your wholesaler along with your customer's address, and we will deliver everything you need directly to site.

Offering a range of different options, including standard and high output LED Strip; 2700K, 3000K & 4000K colour temperatures, IP20 & IP65 protection and profiles to suit all applications, our LED Strip light service is truly tailor made.



BESPOKE SERVICE

Our bespoke service provides tailor made LED Strip kits complete with all accessories and drivers, ordered via your wholesaler and delivered direct to site.



SIMPLE ONLINE CONFIGURATOR

Our new configurator takes the hassle out of ordering LED Strip by automatically working out exactly what driver, strip and components you require, reducing wastage and saving you money.



VARIETY OF OPTIONS

Our high quality LED Strip is available in two outputs, three colour temperatures, IP20 and IP65, along with three aluminium profile options.



FAST TURNAROUND

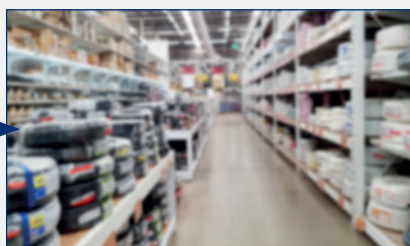
Your LED Strip light order will be delivered direct to site shortly after the order has been placed with JCC by your chosen wholesaler.

Quick and easy three step process



1. SIMPLE ONLINE CONFIGURATOR

Input your LED Strip requirements online to generate an order summary to provide to your chosen wholesaler.



2. ORDER VIA YOUR WHOLESALER

From your order summary, your preferred wholesaler will order all components required for your installation from JCC.



3. DELIVERED DIRECTLY TO SITE

Provide your wholesaler with a preferred delivery address and we will send your components direct to site.



Simple online configurator

Automatically calculate your requirements

Our quick and easy online configurator tool has been created to reduce the challenges associated with ordering LED Strip lighting.

The step-by-step process, combined with the intuitive design, makes it easy to specify your LED Strip requirements whilst automatically calculating the most economical driver available for your configuration.



Configure

Choose the components you require for your design, including output, IP rating, colour temperature, dimmability and profile options.



Design

Enter your LED Strip and DC cable measurements for our configurator to automatically generate a summary of components to provide to your chosen wholesaler in person or via email.

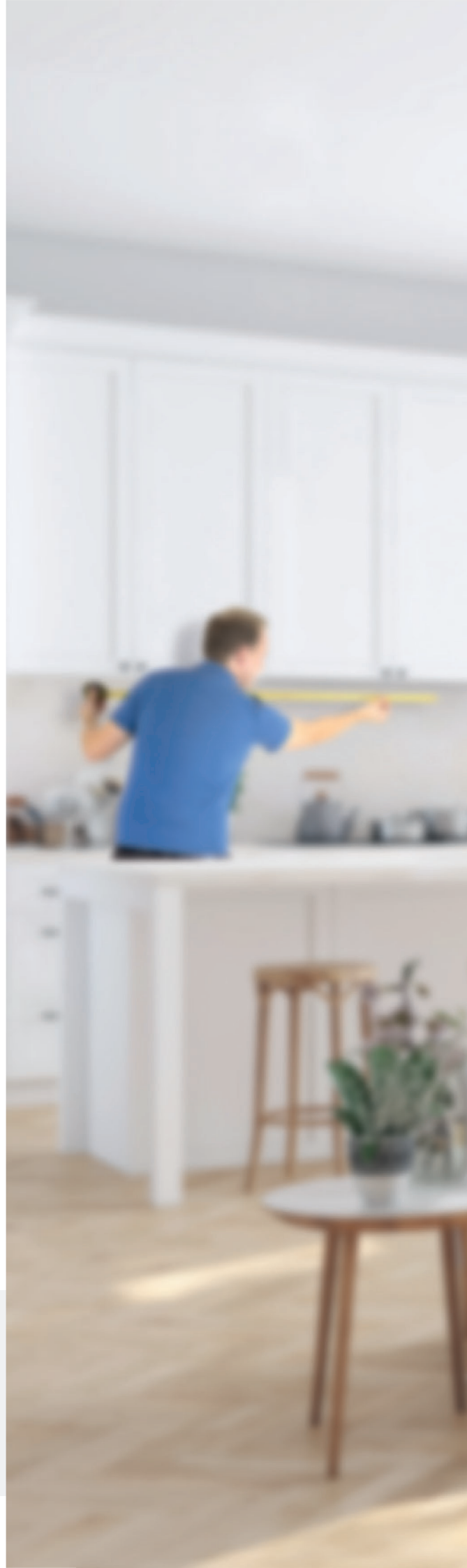


Deliver

From receipt of your order summary, your chosen wholesaler will order all necessary components directly from JCC. Provide your wholesaler with a preferred delivery address and we will send your components direct to site.

Build your layout online using our step-by-step configurator

jcc.co.uk/ledstrip



9:00

JCC | a **LEVITON**
company

Help

2.1 What would your next
piece of tape be?

Enter length to the
nearest 5cm

145 | cm

1

2
ABC

3
DEF

4
GHI

5
JKL

6
MNO

7
PQRS

8
TUV

9
WXYZ

0




LED Strip

The ultra fast, tailor made LED Strip service



- Fast and intuitive configuration tool
- Order direct to site or to preferred wholesaler
- Strip can be cut to increments of 50mm providing greater flexibility
- 120 LED's per metre for even light distribution
- Triac and 1-10V dimming available
- Available in both IP20 and IP65 variations



NEW New product for 2018

 3 year ext. warranty*

Classification

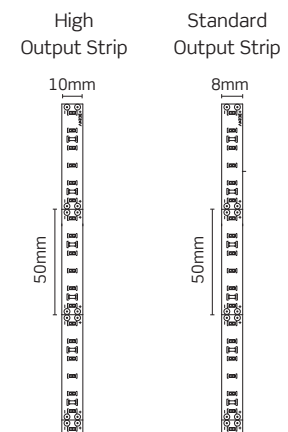
-  Class 3 (strip)
 -  Class 2 (driver)
- IP20/IP60 | 12V

Installation

Method of fix: surface mount/
recessed profile

Accessories

Aluminium profile (see p.185)



Description	Colour temp.	Dim	Watt(pm)	Lumens(pm)	LpcW
LED Strip IP20 Standard Output	2700K	With dim. drivers	9.6W	720	75
LED Strip IP20 Standard Output	3000K	With dim. drivers	9.6W	720	75
LED Strip IP20 Standard Output	4000K	With dim. drivers	9.6W	790	82
LED Strip IP20 High Output	2700K	With dim. drivers	14.4W	1200	83
LED Strip IP20 High Output	3000K	With dim. drivers	14.4W	1200	83
LED Strip IP20 High Output	4000K	With dim. drivers	14.4W	1320	92
LED Strip IP65 Standard Output	2700K	With dim. drivers	9.6W	720	75
LED Strip IP65 Standard Output	3000K	With dim. drivers	9.6W	720	75
LED Strip IP65 Standard Output	4000K	With dim. drivers	9.6W	790	82
LED Strip IP65 High Output	2700K	With dim. drivers	14.4W	1200	83
LED Strip IP65 High Output	3000K	With dim. drivers	14.4W	1200	83
LED Strip IP65 High Output	4000K	With dim. drivers	14.4W	1320	92
Non-Dim IP20 Driver (75W)	-	No	75W	-	-
Non-Dim IP20 Driver (180W)	-	No	180W	-	-
1-10V IP65 Driver (50W)	-	Yes	50W	-	-
1-10V IP65 Driver (75W)	-	Yes	75W	-	-
1-10V IP65 Driver (150W)	-	Yes	150W	-	-
Triac IP20 Driver (75W)	-	Yes	75W	-	-

*Requires online registration.
To place an order please complete your design using the configurator and provide the summary to your wholesaler.

All data sheets and installation sheets available at jcc.co.uk

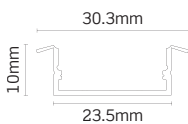
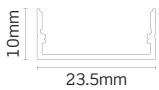
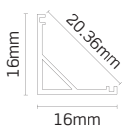


3 year
ext. warranty*

Aluminium Profile

For use with all LED Strip products

- Corner, Surface and Recessed profiles available
- Medium depth ideal for standard and high output strip
- Provided with end caps as standard
- Provides great heat dissipation



All data sheets and installation sheets
available at jcc.co.uk

Description

Corner profile

Surface profile

Extrusion Recessed

*Requires online registration.

To place an order please complete your design using the configurator and provide the summary to your wholesaler.





5m LED Strip Reel

High output LED Strip

- 75W driver for medium output strip and 100W driver for high output strip
- 5m lengths as standard (10mm wide)
- Cuttable and connectable
- Available in warm and cool white colour temperatures
- Dimmable variants available
- High output strip variants require aluminium profile
- Self adhesive



5 year
ext. warranty*



Dimmable
options available



Classification

□ Class 2 (Driver)

◇ Class 3 (Strip)

IP65 (Strip) IP20 (driver) | 240V

LED

3000K | CRI: Ra (85)

4000K | CRI: Ra (85)

Accessories

Linkable extrusions and
accessories available (see p.189)

Code	Description	Col temp.	Dim.	Watt (pm)	Lumens (pm)	LpcW
JC83201	Low Output LED Strip & Dim. Driver	3000K	Yes	5.2W	500	96
JC83202	Low Output LED Strip & Dim. Driver	4000K	Yes	5.2W	500	96
JC83203	Medium Output LED Strip	3000K	No	13W	1100	84
JC83204	Medium Output LED Strip	4000K	No	13W	1100	84
JC83205	High Output LED Strip	3000K	No	20W	1700	85
JC83206	High Output LED Strip	4000K	No	20W	1700	85
JC83208	LED Driver IP20	-	No	75W	-	-
JC83208DIM	LED Driver IP65 - 1-10V	-	Yes	75W	-	-
JC83209	LED Driver IP20	-	No	100W	-	-
JC83209DIM	LED Driver IP65 - 1-10V	-	Yes	100W	-	-

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



2 year
ext. warranty*

Profiles & Accessories

LED Strip lighting profiles & accessories

- Linkable strip lighting profiles
- Connectors available to link strip inside profile and around corners
- High output strip variants require aluminium profile
- Heat shrink sleeve included for maintaining IP rating when cutting strips



Classification

IP20

Finishes

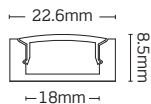
Silver

Construction

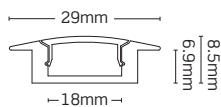
Body: Aluminium

Diffuser: Polycarbonate

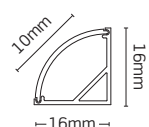
JC83210



JC83211



JC83212



Code

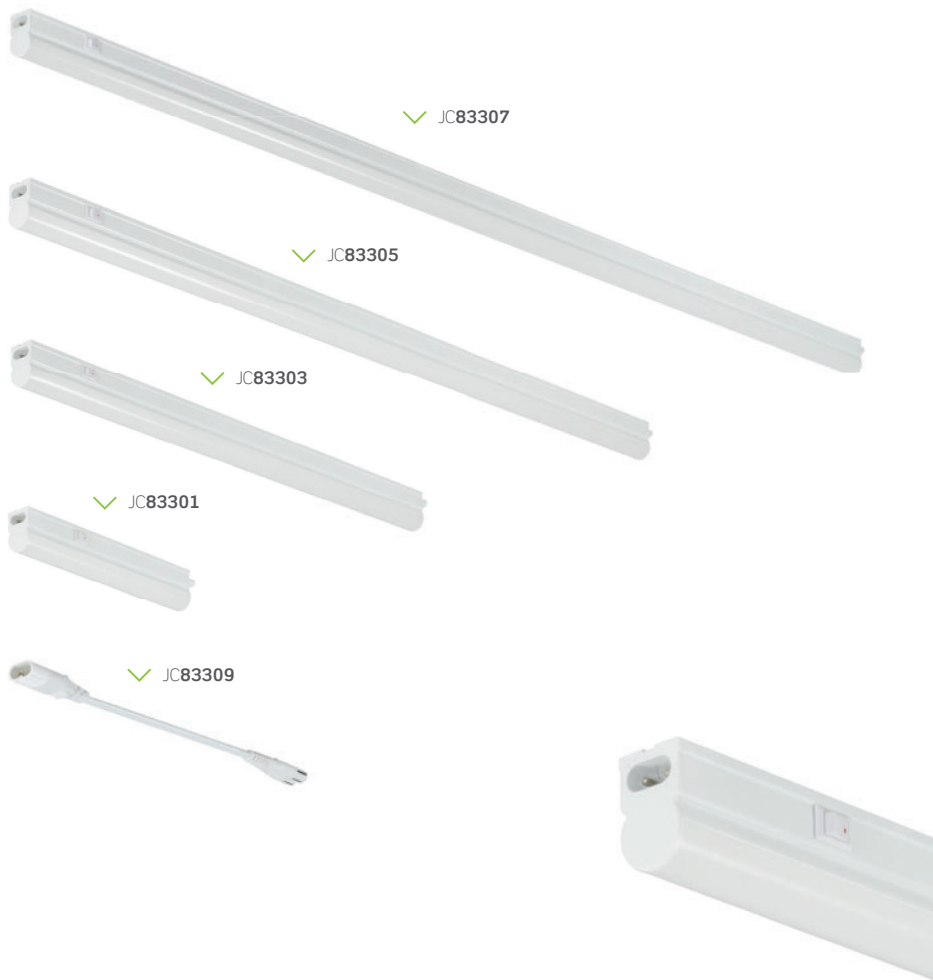
Description

JC83210	Aluminium Surface Mount Flat Profile 1m - Opal diffuser
JC83211	Aluminium Recessed Flat Profile 1m - Opal diffuser
JC83212	Aluminium Surface Corner Profile 1m - Opal diffuser
JC83213	Internal Strip to DC Cable Linking Accessory (10 pack)
JC83214	Internal L-type Quick Connector (5 pack)
JC83215	Internal 2-end Strip Connector with 15cm Cable (5 pack)
JC83216	IP65 2-end Strip Connector (10 pack)
JC83217	PCB Retaining Clips (10 pack)
JC83218	DC Cable Retaining Clips (10 pack)

LED Undercabinet

Direct replacement for T5 fluorescent

- End-to-end connection
- Three link leads available in 250mm, 500mm and 1000mm lengths
- Slim line profile
- On/off switch on each luminaire
- Supplied as standard with 1000mm mains cable



NEW New product for 2018

3 year ext. warranty*

120° beam angle

Classification

Class 2
IP20 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

Finishes

White

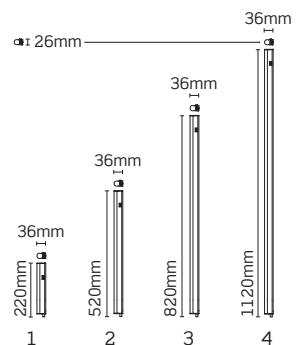
Construction

Body: Polycarbonate
Diffuser: Polycarbonate
Clips: Polycarbonate

Accessories

Link leads- 250mm (JC83309),
500mm (JC83310),
1000mm (JC83311)

1. JC83302 / JC83301
2. JC83304 / JC83303
3. JC83306 / JC83305
4. JC83308 / JC83307



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC83302	220mm Undercabinet LED T5 Batten	3000K	No	3W	300	100
JC83301	220mm Undercabinet LED T5 Batten	4000K	No	3W	320	107
JC83304	520mm Undercabinet LED T5 Batten	3000K	No	8W	820	103
JC83303	520mm Undercabinet LED T5 Batten	4000K	No	8W	920	115
JC83306	820mm Undercabinet LED T5 Batten	3000K	No	12W	1370	114
JC83305	820mm Undercabinet LED T5 Batten	4000K	No	12W	1480	123
JC83308	1120mm Undercabinet LED T5 Batten	3000K	No	15W	1650	110
JC83307	1120mm Undercabinet LED T5 Batten	4000K	No	15W	1750	117
JC83309	LED Undercabinet Link Lead: 250mm	-	-	-	-	-
JC83310	LED Undercabinet Link Lead: 500mm	-	-	-	-	-
JC83311	LED Undercabinet Link Lead: 1000mm	-	-	-	-	-

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk




T5 Undershef

Low energy, linkable fluorescent striplight

- Slim line profile
- Rota style safety lamp holders
- Individually switched
- Lamp included



 2 year product guarantee

 See p.190 for LED equivalents

Classification

Class 2
IP20 | 240V

Lamp

T5 Fluorescent (included)
3500K | CRI: Ra (85)

Finishes

White

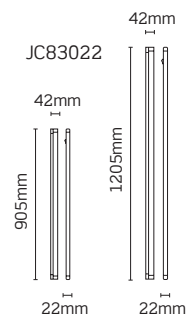
Construction

Body: PVC
Diffuser: Polycarbonate

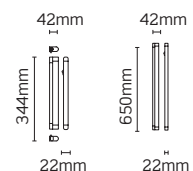
Accessories

Link leads - 250mm (JC83024),
500mm (JC83025),
1000mm (JC83026)

JC83023



JC83020 JC83021



Code	Description	Lamp
JC83020	T5 8W Low Energy Fluorescent Striplight (344mm)	18W
JC83021	T5 21W Low Energy Fluorescent Striplight (650mm)	21W
JC83022	T5 24W Low Energy Fluorescent Striplight (905mm)	24W
JC83023	T5 28W Low Energy Fluorescent Striplight (1205mm)	28W
JC83024	T5 250mm Link Lead	-
JC83025	T5 500mm Link Lead	-
JC83026	T5 1000mm Link Lead	-



2 year product guarantee

Low Voltage Undershef

Low profile downlight

- Can be recessed into shelves or surface mounted
- Sold individually
- Chrome and white finishes available
- Lamp included



Classification

Class 3
IP20 | 12V

Finishes

Chrome (**CH**), White (**WH**)

Lamp

20W G4 (included)

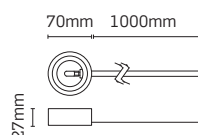
Construction

Body: Steel
Lens: Heat resistant glass

Installation

Method of fix: surface mounted/recessed
Cut out Ø: 64mm

JC3014



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Lamp
JC3014	Low Voltage Undershef Downlight	G4 20W
JC4030	10-60VA transformer for JC3014	-

For Chrome add **CH** suffix, for white add **WH** suffix

Interior Bulkhead & Wall Lights

196

RadialLED® Style



199

RadialLED® Slim



202

RadialLED® Vogue



204

Ring Bulkhead



206

Ceramic Uplighters



210

Bodo Wall Lights



211

Dorchester Wall Lights



212

Berkely Wall Lights




RadiaLED® Style 12W

High performance LED wall & ceiling light

- IP44 protection against dust and moisture
- Ideal for corridor and stairwell applications
- Smooth and even light distribution
- Zero maintenance, no need to relamp




 5 year ext. warranty*

 Sensing options available

 Emergency options available

Classification

 Class 1
IP44 | 240V
IK09 impact rating

LED

4000K | CRI: Ra (80)

Finishes

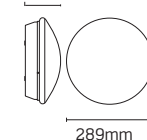
White Opal

Construction

Body: Steel
Diffuser: Polycarbonate

JC234201

121mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC234201	RadiaLED Style	4000K	No	12W	1025	85
JC234201MW	RadiaLED Style Micro. on/off sensor	4000K	No	12W	1025	85
JC234201EM	RadiaLED Style emergency	4000K	No	12W	1025	85
JC234201EM/MW	RadiaLED Style Micro. on/off sensor em.	4000K	No	12W	1025	85

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Sensing
options available



Emergency
options available

RadiaLED® Style 14W

High performance LED wall & ceiling light

- 28W CFL replacement
- IP44 protection against dust and moisture
- Ideal for corridor and stairwell applications
- Smooth and even light distribution



Classification

⚡ Class 1
IP44 | 240V
IK09 impact rating

LED

4000K | CRI: Ra (80)

Finishes

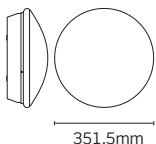
White Opal

Construction

Body: Steel
Diffuser: Polycarbonate

JC234202

122.5mm



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC234202	RadiaLED Style	4000K	No	14W	1250	89
JC234202MW	RadiaLED Style Micro. on/off sensor	4000K	No	14W	1250	89
JC234202EM	RadiaLED Style emergency	4000K	No	14W	1250	89
JC234202EM/MW	RadiaLED Style Micro. on/off sensor emerg.	4000K	No	14W	1250	89


*Requires online registration.


RadiaLED® Style 32W

High performance LED wall & ceiling light

- Outperforms traditional 38W CFL
- Up to 90 lumens per circuit Watt
- IP44 protection against dust and moisture
- Ideal for corridor and stairwell applications
- Smooth and even light distribution



 5 year ext. warranty*

 Sensing options available

 Emergency options available

Classification

⊕ Class 1
IP44 | 240V
IK09 impact rating

LED

4000K | CRI: Ra (80)

Finishes

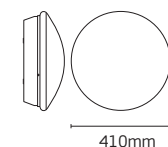
White Opal

Construction

Body: Steel
Diffuser: Polycarbonate

JC234203

147mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC234203	RadiaLED Style	4000K	No	30W	2900	97
JC234203MW	RadiaLED Style Micro. on/off sensor	4000K	No	30W	2900	97
JC234203EM	RadiaLED Style emergency	4000K	No	30W	2900	97
JC234203EM/MW	RadiaLED Style Micro. on/off sensor em.	4000K	No	30W	2900	97

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*

RadiaLED® Slim 12W

High performance, slim profile LED wall light

- 16W CFL replacement
- 88 lumens per circuit Watt
- Smooth and even light distribution



Classification

⚡ Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

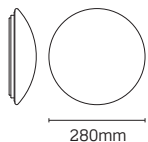
White Opal

Construction

Body: Steel
Diffuser: Polycarbonate

JC24240

95mm



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC24240	RadiaLED Slim	4000K	No	12W	1050	88

*Requires online registration.

RadiaLED® Slim 18W

High performance, slim profile LED wall light


- 28W CFL replacement
- 83 lumens per circuit Watt
- Smooth and even light distribution



 5 year ext. warranty*

 Emergency options available

Classification

 Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

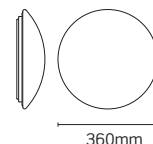
White Opal

Construction

Body: Steel
Diffuser: Polycarbonate

JC24241

102mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC24241	RadiaLED Slim	4000K	No	18W	1500	83
JC24241EM	RadiaLED Slim emergency	4000K	No	18W	1500	83

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Emergency
options available

RadiaLED® Slim 32W

High performance, slim profile LED wall light

- 38W CFL replacement
- 91 lumens per circuit Watt
- Smooth and even light distribution



Classification

⊕ Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

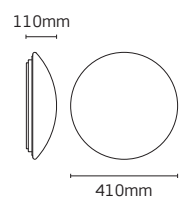
Finishes

White Opal

Construction

Body: Steel
Diffuser: Polycarbonate

JC24242



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC24242	RadiaLED Slim	4000K	No	32W	2900	91
JC24242EM	RadiaLED Slim emergency	4000K	No	32W	2900	91

*Requires online registration.


RadiaLED® Vogue 23W

Decorative LED wall and ceiling light

- High quality decorative rim
- Stylish high output wall or ceiling light
- Available in chrome and white finishes
- Unique design reflects light to create a halo effect around the fitting




 5 year ext. warranty*

 Sensing options available

 Emergency options available

Classification

 Class 1
IP40 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Chrome (**CH**), White (**WH**)

Construction

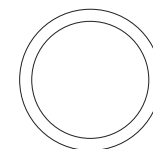
Body: Polycarbonate
Diffuser: Polycarbonate

JC96311

111mm



~ 25mm



— Ø329mm —
— Ø440mm —

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96311	RadiaLED Vogue	4000K	No	23W	1215	53
JC96312	RadiaLED Vogue emergency	4000K	No	23W	1215	53

For Chrome add **CH** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Sensing
options available



Emergency
options available

RadiaLED® Vogue 32W

Decorative LED wall and ceiling light

- High quality decorative rim
- Stylish high output wall or ceiling light
- Available in chrome and white finishes
- Unique design reflects light to create a halo effect around the fitting

Classification

⚡ Class 1
IP40 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Chrome (**CH**), White (**WH**)

Construction

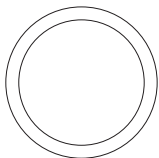
Body: Polycarbonate
Diffuser: Polycarbonate

JC96313

113mm



~25mm



—Ø410mm—
—Ø530mm—

All data sheets and installation sheets
available at jcc.co.uk

530mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96313	RadiaLED Vogue	4000K	No	36W	2080	58
JC96317	RadiaLED Vogue micro. on/off sensor	4000K	No	36W	2080	58
JC96314	RadiaLED Vogue emergency	4000K	No	36W	2080	58

For Chrome add **CH** suffix, for White add **WH** suffix.

*Requires online registration.

Ring Bulkhead 25W


Decorative surface mounted ring bulkhead

- Decorative LED feature bulkhead
- Triac dimmable as standard
- Pendant option available, see p.145
- Wall and ceiling mounting bracket for ease of installation



298mm

NEW New product for 2018

 3 year ext. warranty*


 120° beam angle

 Dimmable as standard



Matching pendant available: **JC96400** (see p.145)

Classification

 Class 1
IP40 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

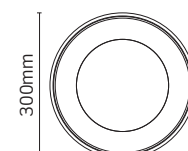
Finishes

Black

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC96404/05




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96404	Ring bulkhead	4000K	Yes	25W	2190	88
JC96405	Ring bulkhead	3000K	Yes	25W	2130	85

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*


 120° beam angle

 Dimmable as standard



Matching pendant available: JC96403 (see p.145)

Classification

 Class 1
IP40 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

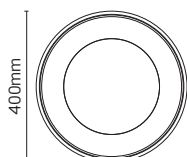
Finishes

Black

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC96406/07



All data sheets and installation sheets available at jcc.co.uk

Ring Bulkhead 35W

Decorative surface mounted ring bulkhead

- Decorative LED feature bulkhead
- Triac dimmable as standard
- Pendant option available, see p.145
- Wall and ceiling mounting bracket for ease of installation



400mm

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96406	Ring bulkhead	4000K	Yes	35W	3160	90
JC96407	Ring bulkhead	3000K	Yes	35W	2900	83

*Requires online registration.

LED Ceramic Uplighters

Decorative LED ceramic wall lights

- Over 70% energy saving on LED versions compared with halogen 42W GLS
- Ready to paint, glazed finish



5 year
ext. warranty*

✓ JC90124



✓ JC90122



Classification

⊕ Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)

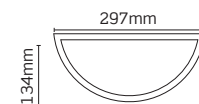
Finishes

White

Construction

Body: Glazed ceramic

JC90124



JC90122



Code	Description	Col Temp.	Dim	Watt	Lumens	LpcW
JC90124	Hayling LED Ceramic Uplighter	3000K	No	9W	540	60
JC90122	Elmer LED Ceramic Uplighter	3000K	No	9W	580	64

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



LED Ceramic Uplighters

Decorative LED ceramic wall lights

- Over 70% energy saving on LED versions compared with halogen 42W GLS
- Ready to paint, glazed finish

✓ JC90128



✓ JC90126



Classification

⊕ Class 1
IP20 | 240V

LED

3000K | CRI: Ra (80)

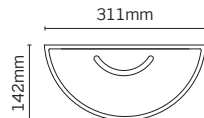
Finishes

White

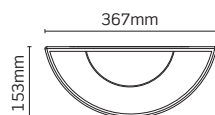
Construction

Body: Glazed ceramic

JC90128



JC90126



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col Temp.	Dim	Watt	Lumens	LpcW
JC90128	Emsworth LED Ceramic Uplighter	3000K	No	9W	550	61
JC90126	Middleton LED Ceramic Uplighter	3000K	No	9W	600	67

*Requires online registration.

Ceramic Uplighters

Halogen ceramic wall lights

- 9W mains LED versions available, see p.206
- Ready to paint, glazed finish
- Lamp not included



2 year
product guarantee

✓ JC90123



✓ JC90121



Classification

□ Class 2
IP20 | 240V

Lamp

42W halogen E27
(lamp not included)

Finishes

White

Construction

Body: Glazed ceramic

JC90123



JC90121



Code	Description	Lamp
JC90123	Hayling Halogen Ceramic Uplighter	42W Halogen E27
JC90121	Elmer Halogen Ceramic Uplighter	42W Halogen E27

Ceramic Uplighters

Halogen ceramic wall lights



2 year product guarantee

- 9W mains LED versions available, see p.207
- Ready to paint, glazed finish
- Lamp not included

Classification

Class 2
IP20 | 240V

Lamp

42W halogen E27
(lamp not included)

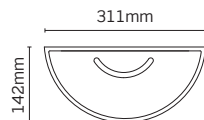
Finishes

White

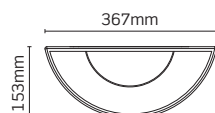
Construction

Body: Glazed ceramic

JC90127



JC90125



All data sheets and installation sheets available at jcc.co.uk

✓ JC90127



✓ JC90125



Code	Description	Lamp
JC90127	Emsworth Halogen Ceramic Uplighter	42W Halogen E27
JC90125	Middleton Halogen Ceramic Uplighter	42W Halogen E27

Bodo Wall Light

Decorative wall light

- Halogen bathroom wall and ceiling light
- IP44 protection against dust and moisture
- Lamp not included



2 year
product guarantee

Classification

⊕ Class 1
IP44 | 240V

Lamp

33W G9 (not included)

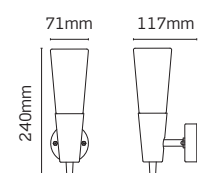
Finishes

Chrome

Construction

Body: Steel
Diffuser: Glass

JC52028



Code	Description	Lamp
JC52028	Bodo Wall light	33W G9



2 year
product guarantee

Dorchester Wall Light

Halogen wall and ceiling light

- IP44 protection against dust and moisture
- Lamp not included



Classification

⊕ Class 1
IP44 | 240V

Lamp

33W G9 (not included)

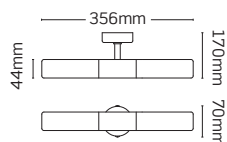
Finishes

Chrome

Construction

Body: Steel
Diffuser: Glass

JC52024



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Lamp
JC52024CH	Dorchester Wall Light	2x33W Halogen ES

Berkely Wall Light

Fluorescent wall light

- IP44 protection against moisture
- Lamp not included



2 year
product guarantee

✓ JC52026

✓ JC52027



Classification

⊕ Class 1
IP44 | 240V

Lamp

TC-L 24W (not included)
TC-L 18W (not included)

Finishes

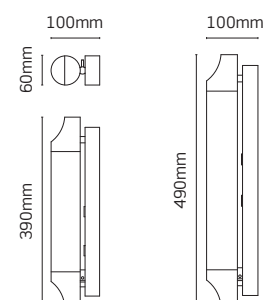
Chrome

Construction

Body: Steel
Diffuser: Acrylic

JC52027

JC52026



Code	Description	Lamp
JC52026CH	Berkely Wall Light	TC-L 24W
JC52027CH	Berkely Wall Light	TC-L 18W



Exterior Bulkhead & Wall Lights

216

RadialLED® Optimum



220

RadialLED® Utility



222

NiteLED® Wall Sphere



223

Astra Wall Lights



224

Linear Wall Lights



228

Cylindrical Up/Down Wall Light



229

Surface Mounted Downlight



230

Rectangular Wall Light



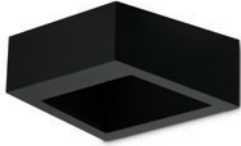
232

Up/Down Wall Light Range



237

Wall/Post Light



240

Louvred Wall Light



241

Wall Light



242

Wall Spot



244

Top Dome Wall Light



245

Quarter Sphere Wall Light



246

NiteLED® Exterior Wall Light Range



252

NiteLED® Dome Wall Lights



RadiaLED® Optimum 8W


50% energy saving against 16W 2D fluorescent

- Twin conduit side entry points
- Dusk to dawn on/off photocell options available
- IP65 weather resistant
- Rim accessories available, see p.219
- 83 lumens per circuit Watt



^ With optional rim (sold separately)
JC23330SCH

 5 year ext. warranty*


 Sensing options available

 Emergency options available



^ For alternative rim options, see p.219

Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White Opal (**WOP**)

Construction

Body: Polycarbonate
Diffuser: Polycarbonate

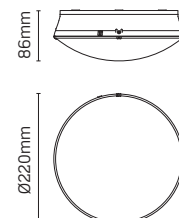
Accessories

For rim options, see page 219.

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC23331WOP	RadiaLED Opt.	4000K	No	8W	660	83
JC23331WOPPC	RadiaLED Opt. on/off photocell	4000K	No	8W	660	83
JC23333WOP	RadiaLED Opt. micro. on/off	4000K	No	8W	660	83
JC23332WOP	RadiaLED Opt. emergency	4000K	No	8W	660	83
JC23332WOPPC	RadiaLED Opt. on/off photocell emerg.	4000K	No	8W	660	83
JC23334WOP	RadiaLED Opt. micro. on/off emerg.	4000K	No	8W	660	83

*Requires online registration.



JC23331WOP



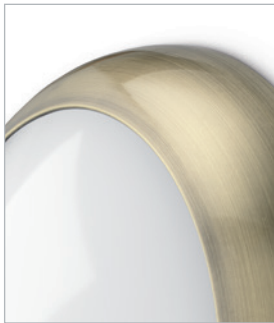
All data sheets and installation sheets available at jcc.co.uk

RadiaLED® Optimum 14W

50% energy saving against 28W 2D fluorescent


-  5 year ext. warranty*
-  Sensing options available
-  Emergency options available

- Twin conduit side entry points
- Dusk to dawn on/off photocell options available
- IP65 weather resistant
- Anti-vandal construction
- Rim accessories available, see p.219
- 79 lumens per circuit Watt



^ For alternative rim options, see p.219

Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White Opal (**WOP**)

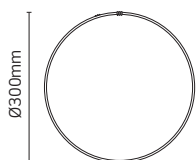
Construction

Body: Polycarbonate
Diffuser: Polycarbonate

Accessories

For rim options, see page 219.

JC23341WOP



All data sheets and installation sheets available at jcc.co.uk



^ With optional rim (sold separately)
JC23340SCH

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC23341WOP	RadiaLED Opt.	4000K	No	14W	1100	79
JC23341WOPPC	RadiaLED Opt. on/off photocell	4000K	No	14W	1100	79
JC23343WOP	RadiaLED Opt. micro. dimming	4000K	-	14W	1100	79
JC23342WOP	RadiaLED Opt. emergency	4000K	No	14W	1100	79
JC23342WOPPC	RadiaLED Opt. on/off photocell emerg.	4000K	No	14W	1100	79
JC23344WOP	RadiaLED Opt. micro. on/off emerg.	4000K	No	14W	1100	79

*Requires online registration.


RadiaLED® Optimum 19W


50% energy saving against 38W 2D fluorescent

- Twin conduit side entry points
- Dusk to dawn on/off photocell options available
- IP65 weather resistant
- Anti-vandal construction
- Rim accessories available, see p.219
- 84 lumens per circuit Watt



^ With optional rim -
JC23340SCH

 5 year
ext. warranty*

 Sensing
options available

 Emergency
options available



^ For alternative rim options,
see p.219

Classification

⊕ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

Finishes

White Opal (WOP)

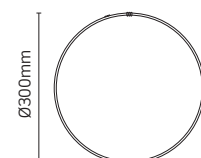
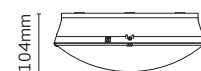
Construction

Body: Polycarbonate
Diffuser: Polycarbonate

Accessories

For rim options, see page 219.

JC23351WOP



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC23351WOP	RadiaLED Opt.	4000K	No	19W	1600	84
JC23351WOPPC	RadiaLED Opt. on/off photocell	4000K	No	19W	1600	84
JC23353WOP	RadiaLED Opt. micro. on/off	4000K	No	19W	1600	84
JC23352WOP	RadiaLED Opt. emergency	4000K	No	19W	1600	84
JC23352WOPPC	RadiaLED Opt. on/off photocell emerg.	4000K	No	19W	1600	84
JC23354WOP	RadiaLED Opt. micro. on/off emerg.	4000K	No	19W	1600	84

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk



2 year
product guarantee

RadiaLED® Optimum Rims

Rim accessories to complement RadiaLED Optimum

- Rim options for final colour and decoration
- Matching finish and construction for 8W, 14W and 19W versions
- **New** Eyelid rim available

✓ Satin Chrome



✓ Black Nickel



✓ White



✓ Chrome



✓ Satin Silver



✓ Black



✓ Antique Brass



✓ Eyelid



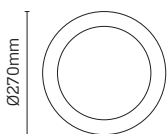
Finishes

Antique Brass (**AB**)
Black (**BLK**)
Black Nickel (**BLN**)
Chrome (**CH**)
Satin Silver (**SAS**)
Satin Chrome (**SCH**)
White (**WH**)

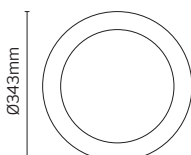
Construction

Body: Polycarbonate

JC23330 (8W)



JC23340 (14/19W)



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Finish
JC23330BLK	Rim Accessory for 8W	Black
JC23330CH	Rim Accessory for 8W	Chrome
JC23330WH	Rim Accessory for 8W	White
JC23330SCH	Rim Accessory for 8W	Satin Chrome
JC23330BLN	Rim Accessory for 8W	Black Nickel
JC23330AB	Rim Accessory for 8W	Antique Brass
JC23330SAS	Rim Accessory for 8W	Satin Silver
JC23330EYE	NEW Eyelid Rim Accessory for 8W*	Black
JC23340BLK	Rim Accessory for 14W & 19W	Black
JC23340CH	Rim Accessory for 14W & 19W	Chrome
JC23340WH	Rim Accessory for 14W & 19W	White
JC23340SCH	Rim Accessory for 14W & 19W	Satin Chrome
JC23340BLN	Rim Accessory for 14W & 19W	Black Nickel
JC23340AB	Rim Accessory for 14W & 19W	Antique Brass
JC23340SAS	Rim Accessory for 14W & 19W	Satin Silver
JC23340EYE	NEW Eyelid Rim Accessory for 14W & 19W*	Black

*Eyelid rim may reduce light output.


RadiaLED® Utility 12W


Direct 28W 2D replacements

- IP65 weather resistant
- Anti-vandal construction
- Corrosion resistant, suitable for coastal locations
- Opal or prismatic polycarbonate diffuser options
- Dusk to dawn on/off photocell options available
- Up to 95 lumens per circuit Watt

✓ JC23401WPR




 5 year ext. warranty*

 Sensing options available

 Emergency options available

Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

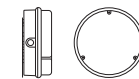
Finishes

White Opal (**WOP**),
White Prismatic (**WPR**)

Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC23401



85mm Ø205mm

Code	Description	Col temp.	Dim.	Watt	Lumens (WOP)	Lumens (WPR)
JC23401	RadiaLED Utility	4000K	No	12W	700	1150
JC23431	RadiaLED Utility on/off photocell	4000K	No	12W	700	1150
JC23411	RadiaLED Utility microwave on/off	4000K	No	12W	700	1150
JC23421	RadiaLED Utility microwave dimming	4000K	-	12W	700	1150
JC23401EM	RadiaLED Utility emergency	4000K	No	12W	700	1150
JC23431EM	RadiaLED Utility on/off photocell em.	4000K	No	12W	700	1150
JC23411EM	RadiaLED Utility microwave on/off em.	4000K	No	12W	700	1150

For White Opal add **WOP** suffix, for White Prismatic add **WPR** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



5 year
ext. warranty*



Sensing
options available



Emergency
options available

RadiaLED® Utility 21W

Direct 38W 2D replacements

- IP65 weather resistant
- Anti-vandal construction
- Corrosion resistant, suitable for coastal locations
- Opal or prismatic polycarbonate diffuser options
- Dusk to dawn on/off photocell options available
- Up to 95 lumens per circuit Watt

✓ JC23402WOP



Classification

⊕ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

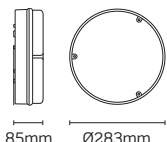
Finishes

White Opal (**WOP**),
White Prismatic (**WPR**)

Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC23402



85mm Ø283mm

All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens (WOP)	Lumens (WPR)
JC23402	RadiaLED Utility	4000K	No	21W	1350	2000
JC23432	RadiaLED Utility on/off photocell	4000K	No	21W	1350	2000
JC23412	RadiaLED Utility microwave on/off	4000K	No	21W	1350	2000
JC23422	RadiaLED Utility microwave dimming	4000K	-	21W	1350	2000
JC23402EM	RadiaLED Utility emergency	4000K	No	21W	1350	2000
JC23432EM	RadiaLED Utility on/off photocell em.	4000K	No	21W	1350	2000
JC23412EM	RadiaLED Utility microwave emergency	4000K	No	21W	1350	2000
JC23422EM	RadiaLED Utility microwave dimming em.	4000K	-	21W	1350	2000

For White Opal add **WOP** suffix, for White Prismatic add **WPR** suffix.

*Requires online registration.

NiteLED® Wall Sphere

Ultra durable exterior LED lighting

- Low energy 10W LED
- IP54 protection against dust and moisture
- 40% energy saving against 16W 2D CFL
- Ultra durable aluminium construction



2 year
product guarantee

Classification

⚡ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

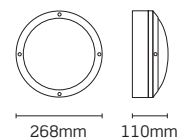
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate



JC39418



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39418	NiteLED Wall Sphere	4000K	No	10W	600	60

Astra Wall Lights

Cost effective bulkhead light with IP65 protection

-  2 year product guarantee
-  Sensing options available

- IP65 weather resistant
- Impact resistant construction
- Conduit entry option
- Available with photocell
- Clear and red diffuser options

✓ JC40007RD



✓ JC40007CL



Classification

⊕ Class 1
IP65 | 240V

LED

(GLS) MAX
TC-S 9W G23
(Lamps not supplied)

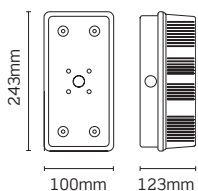
Finishes

Clear (CL), Red (RD)

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC40007



Code	Description	Lamp
JC40007CL	Astra Wall Lights - clear diffuser	(GLS) Max
JC40007RD	Astra Wall Lights - red diffuser	(GLS) Max

Linear Wall

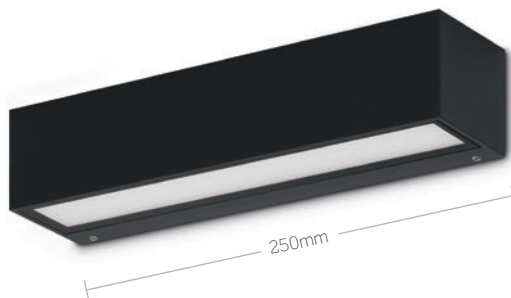
Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Single direction downward wall wash in anthracite
- IP65 weather resistant
- Matching colour temperature and finish to the Architectural Exterior range


✓ JC17003



✓ JC17005



NEW New product for 2018


 3 year ext. warranty*

 110° beam angle



∨ Downward light

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

Finishes

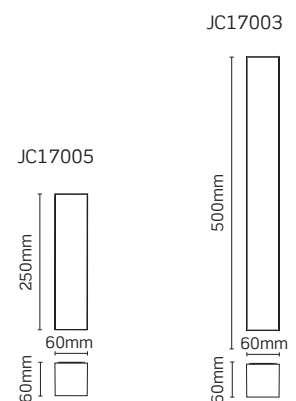
Anthracite

Construction

Body: Aluminium
Diffuser: Glass

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17003	Linear Wall Large Single Direction	3000K	No	18W	1100	61
JC17005	Linear Wall Small Single Direction	3000K	No	9W	550	61


*Requires online registration.



All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 45° beam angle

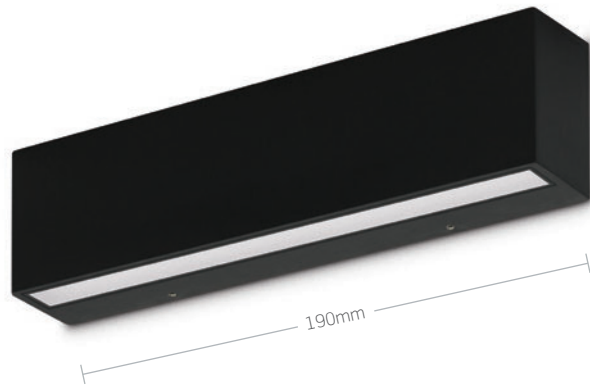


 Downward light


Linear Wall Mini

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Single direction downward wall wash in anthracite
- IP65 weather resistant
- Matching colour temperature and finish to the Architectural Exterior range



Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17006



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17006	Linear Wall Mini	3000K	No	7W	220	31

*Requires online registration.

Linear Wall Up/Down

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Up/down directional wall wash in anthracite
- IP65 weather resistant
- Matching colour temperature and finish to the Architectural Exterior range


NEW New product for 2018

 3 year ext. warranty*

 110° beam angle



Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

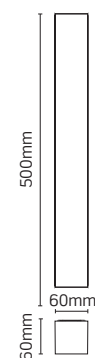
Finishes

Anthracite

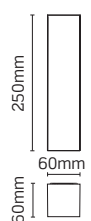
Construction

Body: Aluminium
Diffuser: Glass

JC17002



JC17004



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17002	Linear Wall Up/Down Large	3000K	No	36W	2100	58
JC17004	Linear Wall Up/Down Small	3000K	No	18W	1000	56

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



Cylindrical Up/Down Wall Light

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Surface mountable up/down wall light
- IP54 protection against dust and moisture
- Stylish, contemporary design
- Matching colour temperature and finish to the Architectural Exterior range

✓ JC17016



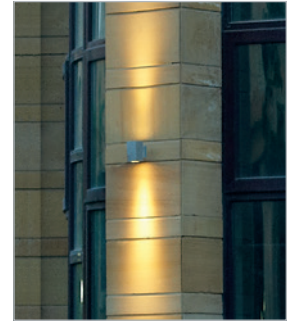
✓ JC17015



NEW New product for 2018

3 year ext. warranty*

44° beam angle



^ Two directional light

Classification

⊕ Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

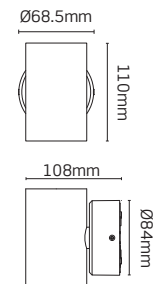
Finishes

Anthracite

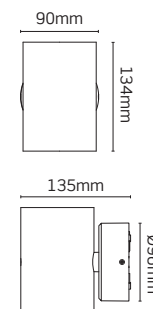
Construction

Body: Aluminium
Lens: Glass

JC17015



JC17016



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17015	Cylindrical Up/down	3000K	No	8W	400	50
JC17016	Cylindrical Up/down	3000K	No	14W	800	57


*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk

Surface Mounted Downlight

Architectural exterior LED lighting

NEW New product for 2018


 3 year ext. warranty*

 20° beam angle

- Durable die-cast aluminium construction
- LED downlight with matching colour temperature and finish to the Architectural Exterior range
- IP54 protection against dust and moisture
- Stylish, contemporary design



Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

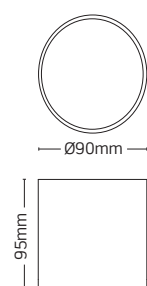
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17001



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17001	Surface Mounted Downlight	3000K	No	7W	520	74

*Requires online registration.

Rectangular Wall Light


Architectural exterior LED lighting


- Two directional light output
- Durable die-cast aluminium construction
- IP54 protection against dust and moisture
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range

✓ JC17011



NEW New product for 2018


 3 year ext. warranty*

 73° beam angle



^ Two directional light

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

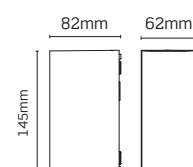
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17011




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17011	Rectangular Up/Down	3000K	No	14W	1000	71

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product
for 2018

 3 year
ext. warranty*

 73°
beam angle

Rectangular Wall Light


Architectural exterior LED lighting

- Single direction light
- Durable die-cast aluminium construction
- IP54 protection against dust and moisture
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range

✓ JC17012



Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

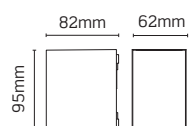
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17012



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17012	Rectangular Single Direction Wall Light	3000K	No	7W	550	78

*Requires online registration.

Up/Down Light Box

Architectural exterior LED lighting


- Durable die-cast aluminium construction
- Surface mountable up/down wall light
- IP54 protection against dust and moisture
- LED wall light with matching colour temperature and finish to the Architectural Exterior range

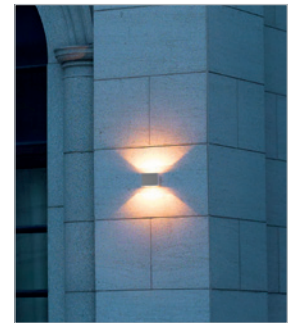
✓ JC17010BLK



NEW New product for 2018


 3 year ext. warranty*

 96° beam angle



✓ Two directional light

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

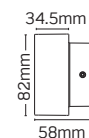
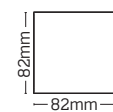
Finishes

Anthracite (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Polycarbonate

JC17010



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17010	Up/Down Box	3000K	No	5W	160	32

For Anthracite add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEWNew product
for 20183 year
ext. warranty*

Up/Down Wall Light

Architectural exterior lighting

- Durable die-cast aluminium construction
- Surface mountable up down wall light
- Stylish, contemporary design
- LED wall light with matching finish to the Architectural Exterior range
- Lamps not included



^ Two directional light

Classification

⊕ Class 1
IP65 | 240V

Lamp

GU10 2x5W LED Max
(Lamp not included)

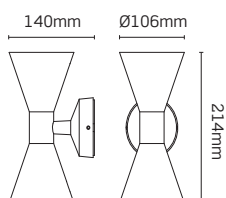
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17035



All data sheets and installation sheets
available at jcc.co.uk



Code	Description	Watt
JC17035	Up/Down Wall Light	2 x 5W GU10 Max

*Requires online registration.

Wall Light Round

Decorative exterior wall light

- Stylish modern design
- IP65 ingress protection
- Available in both cool white and warm white colour temperatures



NEW New product for 2018


 3 year ext. warranty*

 120° beam angle



 Light distribution

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

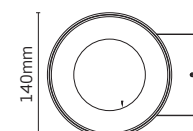
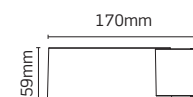
Finishes

Black

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC96412




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96412	Up/Down Wall Light Round	4000K	No	8W	660	83
JC96413	Up/Down Wall Light Round	3000K	No	8W	650	81

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 180° beam angle

Wall Light Square

Decorative exterior wall light


- Stylish modern design
- IP65 ingress protection
- Available in both cool white and warm white colour temperatures



 Light distribution



Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

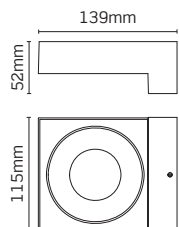
Finishes

Black

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC96414



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96414	Up/Down Wall Light Square	4000K	No	8W	700	88
JC96415	Up/Down Wall Light Square	3000K	No	8W	600	75

*Requires online registration.

Round Up/Down


Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP54 protection against dust and moisture
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range



218mm

NEW New product for 2018


 3 year ext. warranty*

 110° beam angle



 Light distribution

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

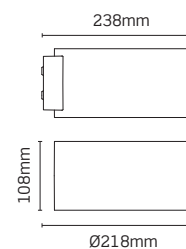
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17014



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17014	Round Up/Down	3000K	No	30W	1700	57

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*




 Multiple mounting options



 Two directional light

Classification

 Class 1
IP65 | 240V
IK09 impact rating

LED

3000K | CRI: Ra (80)

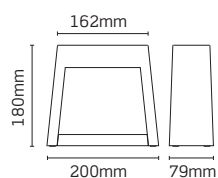
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC17017

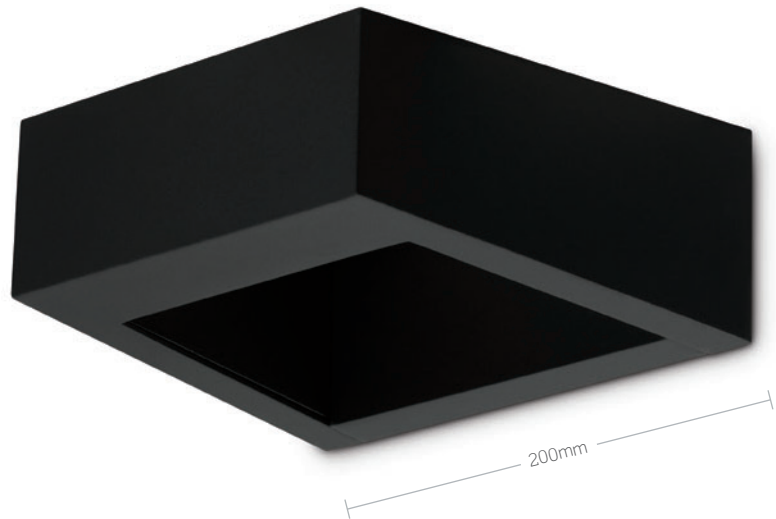


All data sheets and installation sheets available at jcc.co.uk

Wall Light

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection against water ingress
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17017	Wall Light	3000K	No	18W	600	33

*Requires online registration.






Louvred Wall Light


Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP54 protection against dust and moisture
- LED wall light with matching colour temperature and finish to the Architectural Exterior range




NEW New product for 2018


 3 year ext. warranty*

 80° beam angle



 Matching bollard available, see p.284

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

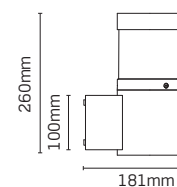
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC17046



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17046	Louvred Wall Light	3000K	No	15W	400	27

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW

New product
for 20183 year
ext. warranty*

4 directional light

Matching bollard available,
see p.287

Classification

Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

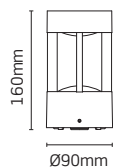
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC17019

All data sheets and installation sheets
available at jcc.co.uk

Wall Light

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP54 protection against dust and moisture
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17019	Wall Light	3000K	No	7W	423	60

*Requires online registration.

Wall Spot


Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection weather resistant
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range




NEW New product for 2018

 3 year ext. warranty*

 40° beam angle

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

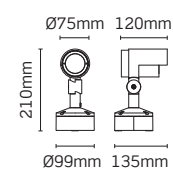
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC17043




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17043	Wall Spot Short	3000K	No	10W	770	77

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 40° beam angle


Wall Spot

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection weather resistant
- Stylish, contemporary design
- LED wall light with matching colour temperature and finish to the Architectural Exterior range



Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

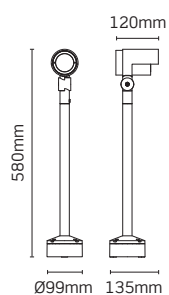
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC17042



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17042	Wall Spot Long	3000K	No	10W	750	75

*Requires online registration.

Top Dome Wall Light

Decorative exterior wall light

- Stylish modern design
- IP54 protection against dust and moisture
- Available in cool white and warm white colour temperatures




NEW New product for 2018

 3 year ext. warranty*



 Light distribution

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

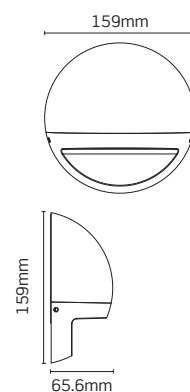
Finishes

Black
Opal (Diffuser)

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC96408



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96408	Top Dome Wall Light	4000K	No	12W	1050	88
JC96409	Top Dome Wall Light	3000K	No	12W	950	79

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW

New product
for 20183 year
ext. warranty*

Quarter Sphere Wall Light

Decorative exterior wall light

- Stylish modern uplighter
- IP54 protection against dust and moisture
- Available in cool white and warm white colour temperatures



Classification

⊕ Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)
4000K | CRI: Ra (80)

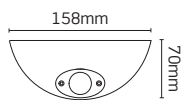
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate

JC96410



66.6mm



All data sheets and installation sheets
available at jcc.co.uk

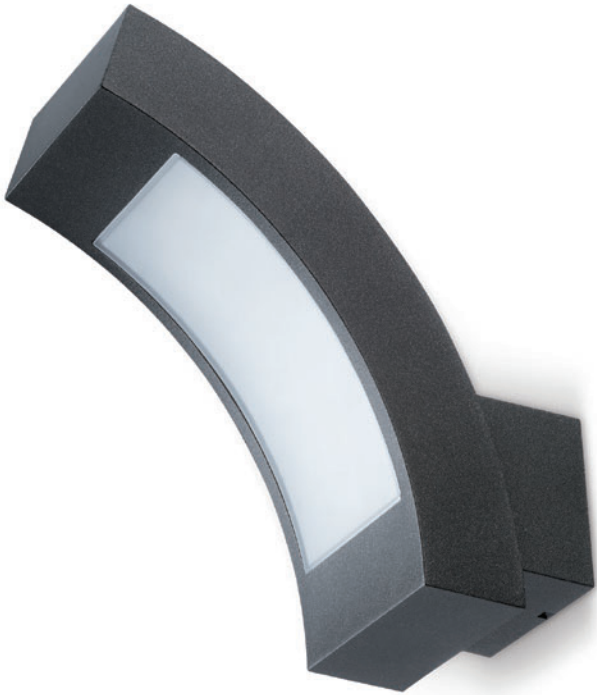
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC96410	Quarter Sphere Wall Light	4000K	No	12W	1125	94
JC96411	Quarter Sphere Wall Light	3000K	No	12W	950	79

*Requires online registration.

NiteLED™ Wall Curve

Low wattage LED exterior lighting

- Super low energy 5W LED
- IP54 protection against dust and moisture
- Durable aluminium construction
- Zero maintenance, no need to relamp



2 year
product guarantee

Classification

⚡ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

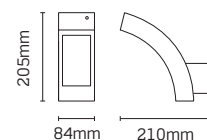
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC39409



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39409	NiteLED Wall Curve	4000K	No	5W	350	70



2 year product guarantee

NiteLED™ Wall Crescent

Low wattage LED exterior lighting

- Super low energy 8.5W LED
- IP54 protection against dust and moisture
- Durable aluminium construction
- Zero maintenance, no need to relamp



Classification

⊕ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

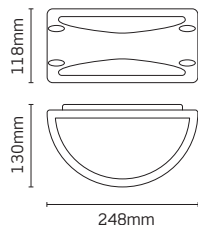
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC39416



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39416	NiteLED Wall Crescent	4000K	No	8.5W	300	35





2 year product guarantee

NiteLED™ Wall Wedge

Low wattage LED exterior lighting

- Super low energy 3W LED
- IP54 protection against dust and moisture
- Durable aluminium construction
- Zero maintenance, no need to relamp



Classification

⊕ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

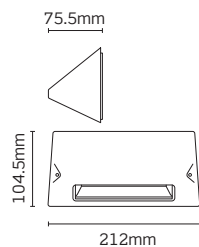
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC39406



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39406	NiteLED Wall Wedge	4000K	No	3W	150	50

NiteLED™ Wall Arc

Low wattage LED exterior lighting

- Super low energy 3W LED
- IP54 protection against dust and moisture
- Durable aluminium construction
- Zero maintenance, no need to relamp



2 year
product guarantee

Classification

⊕ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

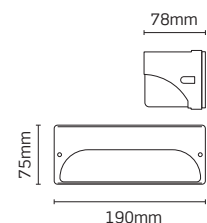
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC39407



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39407	NiteLED Wall Arc	4000K	No	3W	150	50



2 year product guarantee

NiteLED™ Quarter Sphere

High efficiency LED exterior lighting

- Low energy 10.5W LED
- Instant start up for immediate light
- Can be used as an uplight or downlight
- Zero maintenance, no need to relamp



Classification

⚡ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

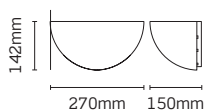
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC39408



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39408	NiteLED Quarter Sphere	4000K	No	10.5W	900	86

NiteLED™ Dome Wall Lights

Low wattage LED exterior lighting

- Direct 42W halogen GLS replacement
- 8.5W mains driven LED, no driver required
- Zero maintenance, no need to relamp
- Plain and louvred variants available
- Black and stainless steel versions available

✓ JC39429SS



2 year product guarantee



See p.298-301 for matching bollards



✓ JC39429BLK



✓ Matching bollards available, see p.298-301

Classification

⊕ Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Black (**BLK**), Stainless Steel (**SS**)

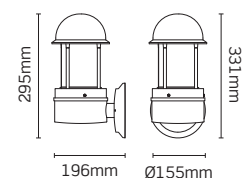
Construction

Body: Aluminium
Lens: Polycarbonate

Accessories

Matching bollards available, see p.298-301

JC39429



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39429	NiteLED Dome Wall Light - plain	4000K	No	8.5W	200	24

For Black add **BLK** suffix, for Stainless Steel add **SS** suffix.

NiteLED™ Dome Wall Lights

Low wattage LED exterior lighting



2 year product guarantee



See p.298-301 for matching bollards



JC39428BLK



Matching bollards available, see p.298-301

Classification

Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Black (BLK), Stainless Steel (SS)

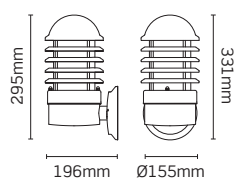
Construction

Body: Aluminium
Lens: Polycarbonate

Accessories

Matching bollards available, see p.298-301

JC39428



All data sheets and installation sheets available at jcc.co.uk

- Direct 42W halogen GLS replacement
- Plain diffuser for a wider spread of light
- 8.5W mains driven LED, no driver required
- Zero maintenance, no need to relamp
- Plain and louvred variants available
- Black and stainless steel versions available

JC39428SS



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39428	NiteLED Dome Wall Light - louvred	4000K	No	8.5W	200	24

For Black add **BLK** suffix, for Stainless Steel add **SS** suffix.

Exterior Floodlights

256

LED Floodlight



264

Niteflood®



268

Directional
Spotlight 36W



269

Directional
Spotlight 16W



270

Toughflood™



274

Toughflood™
High Output



LED Floodlight 10W

High performance domestic floodlight

- Highly efficient at 100 Lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants

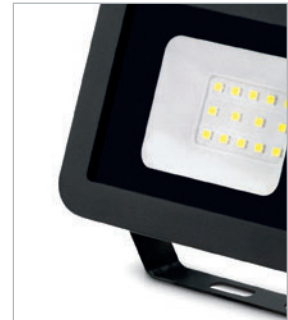
✓ JC45200WH



NEW New product for 2018


 3 year ext. warranty*

 110° beam angle



∧ JC45200BLK

Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (70)

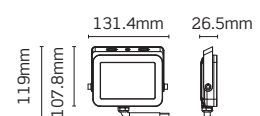
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45200




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45200	LED Floodlight	4000K	No	10W	1000	100


For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018


 3 year ext. warranty*

 110° beam angle



 JC45201WH

Classification

 Class 1
IP44 | 240V

LED

4000K | CRI: Ra (70)

PIR Detection range

Detection distance: 5 - 8m

Max height : 3m

Detection range: 120°

PIR Hold time

Adjustable: 10 seconds - 10 minutes

Ambient light sensitivity

Adjustable: 10 lux - 2000 lux

Finishes

Black (**BLK**), White (**WH**)

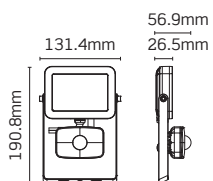
Construction

Body: Aluminium

Lens: Toughened glass

Bracket: Galvanised steel

JC45201



All data sheets and installation sheets available at jcc.co.uk

LED Floodlight 10W PIR

High performance domestic floodlight

- Highly efficient at 100 Lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants
- Adjustable PIR detection

 JC45201BLK



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45201	LED Floodlight with PIR	4000K	No	10W	1000	100

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

LED Floodlight 20W

High performance domestic floodlight

- Highly efficient at 105 lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants

✓ JC45202BLK



NEW New product for 2018

3 year ext. warranty*

110° beam angle



✓ JC45202WH

Classification

⊕ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (70)

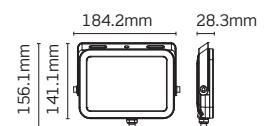
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45202




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45202	LED Floodlight	4000K	No	20W	2100	105


For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018


 3 year ext. warranty*

 110° beam angle



 JC45203BLK

Classification

 Class 1
IP44 | 240V

LED

4000K | CRI: Ra (70)

PIR Detection range

Detection distance: 5 - 8m
Max height: 3m
Detection range: 120°

PIR Hold time

Adjustable: 10 seconds - 10 minutes

Ambient light sensitivity

Adjustable: 10 lux - 2000 lux

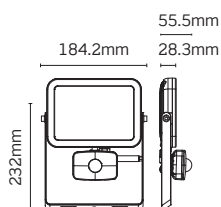
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45203



All data sheets and installation sheets available at jcc.co.uk

LED Floodlight 20W PIR

High performance domestic floodlight

- Highly efficient at 105 lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants
- Adjustable PIR detection

 JC45203WH



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45203	LED Floodlight with PIR	4000K	No	20W	2100	105

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

LED Floodlight 30W

High performance domestic floodlight

- Highly efficient at 93 Lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants



NEW New product for 2018

3 year ext. warranty*

110° beam angle



^ JC45204BLK

Classification

Ⓜ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (70)

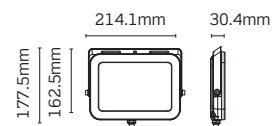
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45204



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45204	LED Floodlight	4000K	No	30W	2800	93

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



New product
for 2018



3 year
ext. warranty*



110°
beam angle



JC45205WH

Classification

Class 1
IP44 | 240V

LED

4000K | CRI: Ra (70)

PIR Detection range

Detection distance: 5 - 8m
Max height: 3m
Detection range: 120°

PIR Hold time

Adjustable: 10 seconds -
10 minutes

Ambient light sensitivity

Adjustable: 10 lux - 2000 lux

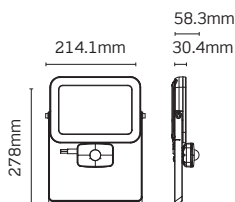
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45205



All data sheets and installation sheets
available at jcc.co.uk

LED Floodlight 30W PIR

High performance domestic floodlight

- Highly efficient at 93 Lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants
- Adjustable PIR detection

JC45205BLK



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45205	LED Floodlight with PIR	4000K	No	30W	2800	93

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

LED Floodlight 50W

High performance domestic floodlight

- Highly efficient at 90 Lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants

✓ JC45206BLK



NEW New product for 2018

3 year ext. warranty*

110° beam angle



✓ JC45206WH

Classification

⊕ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (70)

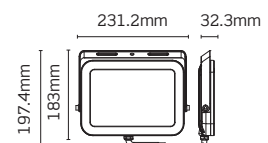
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45206




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45206	LED Floodlight	4000K	No	50W	4500	90


For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018


 3 year ext. warranty*

 110° beam angle



 JC45207BLK

Classification

 Class 1
IP44 | 240V

LED

4000K | CRI: Ra (70)

PIR Detection range

Detection distance: 5 - 8m
Max height: 3m
Detection range: 120°

PIR Hold time

Adjustable: 10 seconds - 10 minutes

Ambient light sensitivity

Adjustable: 10 lux - 2000 lux

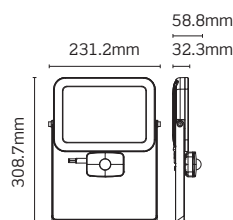
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Lens: Toughened glass
Bracket: Galvanised steel

JC45207



All data sheets and installation sheets available at jcc.co.uk

LED Floodlight 50W PIR

High performance domestic floodlight

- Highly efficient at 90 Lumens per circuit Watt
- Angled bracket for easy installation
- Driverless technology
- Supplied pre-wired with 800mm flex
- Available in black and white colour variants
- Adjustable PIR detection

 JC45207WH



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45207	LED Floodlight with PIR	4000K	No	50W	4500	90

For Black add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.

Niteflood® 15W

The direct 200W halogen replacement

- Unique bracket for easy installation
- Over 90% energy saving against halogen
- Zero maintenance, no need to relamp
- Stylish, compact design
- IP65 water and corrosion resistant
- Supplied pre-wired with 1.2m flex

✓ JC45120BLK



2 year
product guarantee



120°
beam angle



^ JC45120

Classification

⊕ Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

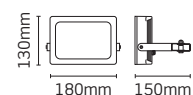
Finishes

Black (**BLK**), White

Construction

Body: Aluminium
Diffuser: Toughened glass
Bracket: Steel

JC45120



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45120	Niteflood LED Floodlight	5700K	No	15W	1200	80

Product White as standard, for Black add **BLK** suffix.


 2 year product guarantee

 120° beam angle



✓ JC45121BLK

Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

PIR Detection range

Detection distance: 8m
Installation height : 0.5m - 3.5m
Detection range: 120°

PIR Hold time

Adjustable: 3 seconds - 9 minutes

Ambient light sensitivity

Adjustable: 3 lux - 2000 lux

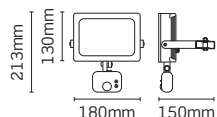
Finishes

Black (**BLK**), White

Construction

Body: Aluminium
Diffuser: Toughened glass
Bracket: Steel

JC45121



All data sheets and installation sheets available at jcc.co.uk

Niteflood® 15W PIR

The direct 200W halogen replacement

- Unique bracket for easy installation
- Over 90% energy saving against halogen
- Zero maintenance, no need to relamp
- Stylish, compact design
- IP65 water and corrosion resistant
- Supplied pre-wired with 1.2m flex
- Adjustable PIR detection
- Features manual override function

✓ JC45121



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45121	Niteflood LED Floodlight with PIR	5700K	No	15W	1200	80

Product White as standard, for Black add **BLK** suffix.


Niteflood® 30W

The direct replacement for 50W HID

- Unique bracket for versatile mounting options
- Tough durable design, vandal resistant
- Anti-humidity gland to prevent condensation
- IP65 weather resistant
- Supplied pre-wired with 1.2m flex

✓ JC45122WH



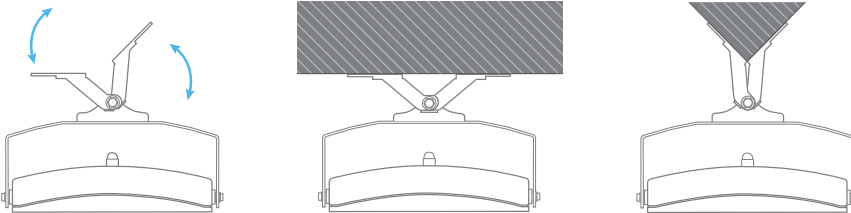
 2 year product guarantee

 120° beam angle




✓ JC45122BLK

UNIQUE FLEXIBLE WALL BRACKET FOR WALL AND CORNER MOUNTING



Classification

 Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

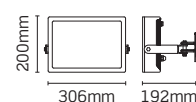
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Toughened glass
Bracket: Steel

JC45122



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45122	Niteflood LED Floodlight	5700K	No	30W	2200	73

Product White add **WH** suffix, for Black add **BLK** suffix.



5 year
ext. warranty*



120°
beam angle

Niteflood® 50W

The direct replacement for 70W HID

- Unique bracket for versatile mounting options
- Tough durable design, vandal resistant
- Anti-humidity gland to prevent condensation
- IP65 weather resistant
- Supplied pre-wired with 1.2m flex



Classification

⊕ Class 1
IP65 | 240V

LED

5700K | CRI: Ra (70)

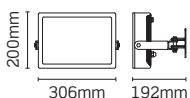
Finishes

Black

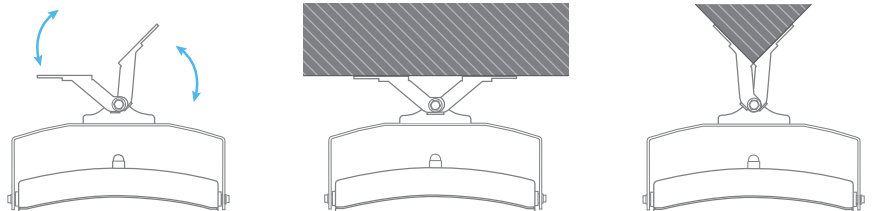
Construction

Body: Aluminium
Diffuser: Toughened glass
Bracket: Steel

JC45123



UNIQUE FLEXIBLE WALL BRACKET FOR WALL AND CORNER MOUNTING



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45123BLK	Niteflood LED Floodlight	5700K	No	50W	4000	80

All data sheets and installation sheets
available at jcc.co.uk

*Requires online registration.

Directional Spotlight 36W

Architectural exterior LED lighting

- Durable die-cast aluminium
- Tiltable to 120°
- Stylish, ultra modern design
- Matching colour temperature and finish to the Architectural Exterior range




NEW New product for 2018

 3 year ext. warranty*

 28° beam angle

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

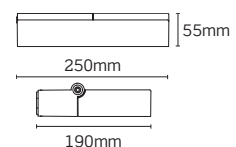
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17023





Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17023	Directional Spotlight	3000K	No	36W	2000	56

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 28° beam angle


Directional Spotlight 16W

Architectural exterior LED lighting

- Durable die-cast aluminium
- Tilttable to 120°
- Stylish, ultra modern design
- Matching colour temperature and finish to the Architectural Exterior range



Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

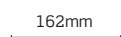
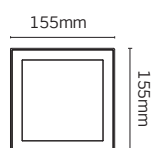
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17024



42mm

All data sheets and installation sheets available at jcc.co.uk

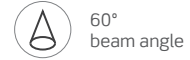
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17024	Directional Spotlight	3000K	No	16W	1000	63

*Requires online registration.

Toughflood™ 80W

High output commercial LED floodlight

- Ultra efficient, 120 Lumens per circuit Watt
- Instant start-up for use with occupancy sensors
- Supplied pre-wired with 1.2m flex
- IP65 protection against dust and moisture
- Ideal for mounting heights of up to 6m



Classification

⚡ Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

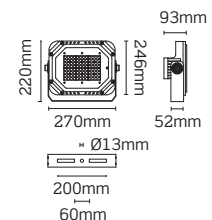
Finishes

Grey

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45130




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45130	Toughflood	4000K	No	80W	9600	120

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

 5 year
ext. warranty*

 60°
beam angle


Toughflood™ 100W

High output commercial LED floodlight

- Ultra efficient, 120 Lumens per circuit Watt
- Instant start-up for use with occupancy sensors
- Supplied pre-wired with 1.2m flex
- IP65 protection against dust and moisture
- Ideal for mounting heights of up to 6m



Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

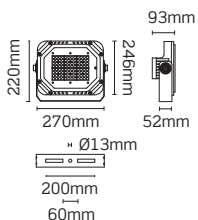
Finishes

Grey

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45131



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45131	Toughflood	4000K	No	100W	12,000	120

*Requires online registration.


Toughflood™ 150W

High output commercial LED floodlight


- Ultra efficient, 120 Lumens per circuit Watt
- IP65 as standard
- Supplied pre-wired with 1.2m flex
- Instant start-up for use with occupancy sensors
- Ideal for mounting heights of up to 8m



 5 year
ext. warranty*

 60°
beam angle

Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

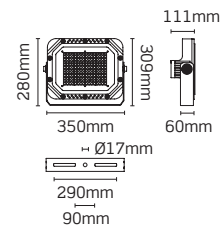
Finishes

Grey

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45132




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45132	Toughflood	4000K	No	150W	18,000	120

*Requires online registration.

All data sheets and installation sheets
available at jcc.co.uk

 5 year
ext. warranty*

 60°
beam angle


Toughflood™ 200W

High output commercial LED floodlight

- Ultra efficient, 120 Lumens per circuit Watt
- IP65 as standard
- Supplied pre-wired with 1.2m flex
- Instant start-up for use with occupancy sensors
- Ideal for mounting heights of up to 10m



Classification

 Class 1
IP65 | 240V

LED

4000K | CRI: Ra (80)

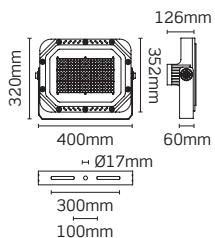
Finishes

Grey

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45133



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45133	Toughflood	4000K	No	200W	24,000	120

*Requires online registration.

High output floodlights

Where durability meets performance

The range offers outstanding efficiency levels of over 140 LpcW coupled with the highest construction specification. All products provide IP66 protection against dust and moisture, IK10 maximum impact rating and a wide -40°C to +55°C operating temperature range.

DURABLE CONSTRUCTION

IK10 rating and IP66 construction makes Toughflood™ High Output suitable for a wide range of environments.

EXTREME TEMPERATURE

-40°C to +55°C operating temperature for use in harsh environments.



FIVE LENS OPTIONS

Four symmetric and one asymmetric beam angle options available.

HIGH PERFORMANCE LED CHIPS

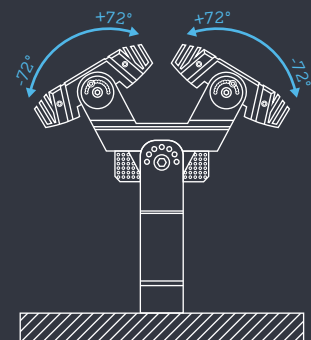
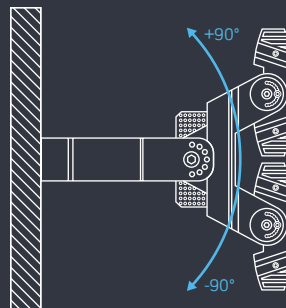
Over 140 Lumens per circuit Watt on all variants.

Precise directional control

Indicators on both the mounting bracket and each individual linear module ensure that a precise distribution can be achieved during installation.

The mounting bracket allows for -90° to +90° angle adjustment in 30° increments

Further 24° adjustments can be made on each linear module on a -72° to +72° scale.



Complete flexibility and control

Our comprehensive range of high output floodlights provides enhanced lighting control across a wide range of applications.



100W & 150W

Up to 21,300 lumens (see p.276).



200W

Up to 28,500 lumens (see p.278).



300W

Up to 42,300 lumens (see p.279).



450W

Up to 63,700 lumens (see p.280).



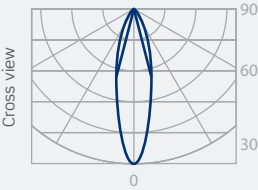
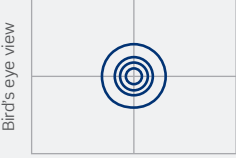
600W

Up to 84,700 lumens (see p.281).

Optics system

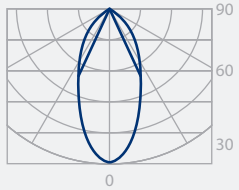
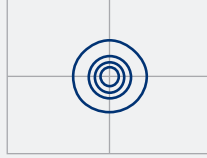
A wide range of lenses providing further flexibility and control are available on all variants.

Narrow symmetric



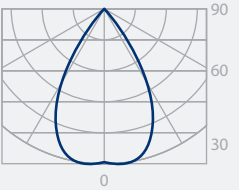
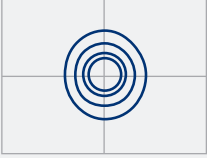
30° Narrow light distribution providing an intense beam, ideal for higher mounting applications.

Medium symmetric



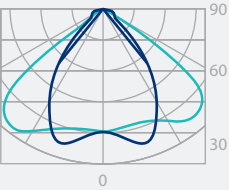
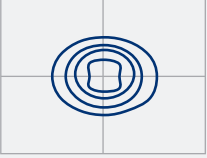
45° Medium beam angle, ideal for areas requiring broader light distribution and greater uniformity.

Wide symmetric



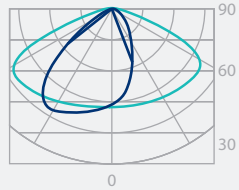
70° Wide light distribution suitable for lower mounting heights.

Wide horizontal



70° x 110° Beam angle, ideal for areas requiring broader horizontal illumination.

Vertical asymmetric



60° x 130° Beam angle with an asymmetric vertical distribution, ideal for sports facilities and areas with shorter setbacks.

Toughflood™ High Output

Ultra efficient 100W & 150W directional floodlight

- Up to 142 Lumens per circuit Watt
- 5 different beam angle options available
- LED modules can be adjusted individually
- IP66 weather resistance
- Features 10KV Surge protector as standard
- Produced to order, contact JCC customer services on **01243 838999**



NEW

New product
for 20185 year
ext. warranty*Multiple lens
options availableProduced to order
call 01243 838999

Classification

⊕ Class 1
IP66 | 240V
IK10

LED

4000K | CRI: Ra (70)

Finishes

Black

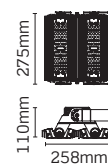
Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

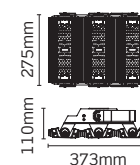
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45220/30	Toughflood 30° Symmetric	4000K	No	100W	14,200	142
JC45220/45	Toughflood 45° Symmetric	4000K	No	100W	14,100	141
JC45220/70	Toughflood 70° Symmetric	4000K	No	100W	14,100	141
JC45220/711	Toughflood 70x110° Symmetric	4000K	No	100W	14,200	142
JC45220/613	Toughflood 60x130° Asymmetric	4000K	No	100W	14,200	142
JC45221/30	Toughflood 30° Symmetric	4000K	No	150W	21,000	140
JC45221/45	Toughflood 45° Symmetric	4000K	No	150W	21,100	141
JC45221/70	Toughflood 70° Symmetric	4000K	No	150W	21,100	141
JC45221/711	Toughflood 70x110° Symmetric	4000K	No	150W	21,000	140
JC45221/613	Toughflood 60x130° Asymmetric	4000K	No	150W	21,300	142

Produced to order, contact JCC customer services on **01243 838999**.

JC45220



JC45221





Toughflood™ High Output

Ultra efficient 200W directional floodlight

- Up to 143 Lumens per circuit Watt
- 5 different beam angle options available
- LED modules can be adjusted individually
- IP66 weather resistance
- Features 10KV Surge protector as standard
- Produced to order, contact JCC customer services on **01243 838999**



NEW New product for 2018

5 year ext. warranty*

Multiple lens options available

Produced to order call 01243 838999

Classification

Class 1
IP66 | 240V
IK10

LED

4000K | CRI: Ra (70)

Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45222




Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45222/30	Toughflood 30° Symmetric	4000K	No	200W	28,100	141
JC45222/45	Toughflood 45° Symmetric	4000K	No	200W	28,100	141
JC45222/70	Toughflood 70° Symmetric	4000K	No	200W	28,100	141
JC45222/711	Toughflood 70x110° Symmetric	4000K	No	200W	28,400	142
JC45222/613	Toughflood 60x130° Asymmetric	4000K	No	200W	28,500	143


Produced to order, contact JCC customer services on **01243 838999**.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

 Multiple lens options available

 Produced to order call 01243 838999


Toughflood™ High Output

Ultra efficient 300W directional floodlight

- Ultra efficient at 141 Lumens per circuit Watt
- 5 different beam angle options available
- LED modules can be adjusted individually
- IP66 weather resistance
- Features 10KV Surge protector as standard
- Produced to order, contact JCC customer services on **01243 838999**



Classification

 Class 1
IP66 | 240V
IK10

LED

4000K | CRI: Ra (70)

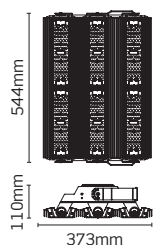
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45223



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45223/30	Toughflood 30° Symmetric	4000K	No	300W	42,000	140
JC45223/45	Toughflood 45° Symmetric	4000K	No	300W	42,100	140
JC45223/70	Toughflood 70° Symmetric	4000K	No	300W	42,100	140
JC45223/711	Toughflood 70x110° Symmetric	4000K	No	300W	42,200	141
JC45223/613	Toughflood 60x130° Asymmetric	4000K	No	300W	42,300	141

Produced to order, contact JCC customer services on **01243 838999**.

*Requires online registration.

Toughflood™ High Output


Ultra efficient 450W directional floodlight

- Up to 142 Lumens per circuit Watt
- 5 different beam angle options available
- LED modules can be adjusted individually
- IP66 weather resistance
- Features 10KV Surge protector as standard
- Produced to order, contact JCC customer services on **01243 838999**



NEW New product for 2018

 5 year ext. warranty*

 Multiple lens options available

 Produced to order call 01243 838999

Classification

⊕ Class 1
IP66 | 240V
IK10

LED

4000K | CRI: Ra (70)

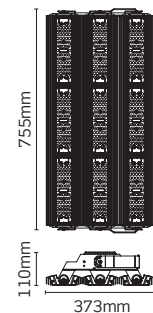
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45224



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45224/30	Toughflood 30° Symmetric	4000K	No	450W	63,100	140
JC45224/45	Toughflood 45° Symmetric	4000K	No	450W	63,000	140
JC45224/70	Toughflood 70° Symmetric	4000K	No	450W	63,100	140
JC45224/711	Toughflood 70x110° Symmetric	4000K	No	450W	63,300	141
JC45224/613	Toughflood 60x130° Asymmetric	4000K	No	450W	63,700	142

Produced to order, contact JCC customer services on **01243 838999**.

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 5 year ext. warranty*

 Multiple lens options available

 Produced to order call 01243 838999


Toughflood™ High Output

Ultra efficient 600W directional floodlight

- Up to 141 Lumens per circuit Watt
- 5 different beam angle options available
- LED modules can be adjusted individually
- IP66 weather resistance
- Features 10KV Surge protector as standard
- Produced to order, contact JCC customer services on **01243 838999**



Classification

 Class 1
IP66 | 240V
IK10

LED

4000K | CRI: Ra (70)

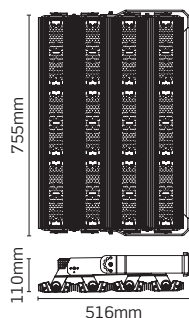
Finish

Black

Construction

Body: Aluminium
Lens: Polycarbonate
Bracket: Galvanised steel

JC45225



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC45225/30	Toughflood 30° Symmetric	4000K	No	600W	84,100	140
JC45225/45	Toughflood 45° Symmetric	4000K	No	600W	84,100	140
JC45225/70	Toughflood 70° Symmetric	4000K	No	600W	84,200	140
JC45225/711	Toughflood 70x110° Symmetric	4000K	No	600W	84,700	141
JC45225/613	Toughflood 60x130° Asymmetric	4000K	No	600W	84,700	140

Produced to order, contact JCC customer services on **01243 838999**.

Bollards

284

Louvre Bollard



285

Square Bollard



286

Square Bollard



287

Round Bollard



290

Slim Bollard



291

Decorative Square Bollard



293

Directional Round Bollard



294

Tapered Bollard



296

NiteLED™ Round Bollard



297

NiteLED™ Square Bollard



298

NiteLED™ Dome Bollard





Louvred Bollard

Architectural exterior LED lighting

- IP54 protection against water ingress
- Matching colour temperature and finish to the Architectural Exterior range
- Durable die-cast aluminium construction
- Supplied with L-bolts for installation


NEW New product for 2018

 3 year ext. warranty*

 See p.240 for matching wall light



Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

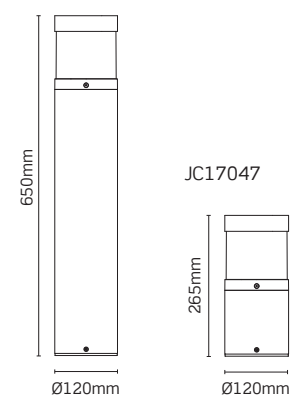
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC17048



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17047	Louvred Bollard Short	3000K	No	15W	400	27
JC17048	Louvred Bollard Tall	3000K	No	15W	400	27

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEWNew product
for 20183 year
ext. warranty*See p.325
for matching wall light

Square Bollard

Architectural exterior LED lighting

- IP54 protection against water ingress
- Matching colour temperature and finish to the Architectural Exterior range
- Durable die-cast aluminium construction
- Stylish, contemporary design
- Supplied with L-bolts for installation

Classification

⊕ Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

Finishes

Anthracite

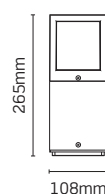
Construction

Body: Aluminium
Diffuser: Polycarbonate/glass

JC17033



JC17032



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17032	Square Bollard Short	3000K	No	15W	500	33
JC17033	Square Bollard Tall	3000K	No	15W	500	33


Square Bollard

Architectural exterior LED lighting


- Durable die-cast aluminium construction
- Stylish, contemporary design
- IP54 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Supplied with L-bolts for installation



NEW New product for 2018

 3 year ext. warranty*

Classification

 Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

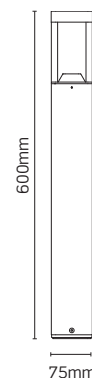
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17022



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17022	Square Bollard	3000K	No	7W	450	64

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW

New product
for 20183 year
ext. warranty*

Round Bollard

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Stylish, contemporary design
- IP54 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Supplied with L-bolts for installation

Classification

⊕ Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

Finishes

Anthracite

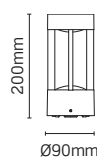
Construction

Body: Aluminium
Diffuser: Glass

JC17021



JC17020



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17020	Round Bollard Short	3000K	No	7W	450	64
JC17021	Round Bollard Tall	3000K	No	7W	450	64






Directional Slim Bollard

Architectural exterior LED lighting


- Durable die-cast aluminium construction
- Stylish, contemporary design
- IP65 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Supplied with L-bolts for installation
- Adjustable LED module



NEW New product for 2018

 3 year ext. warranty*

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

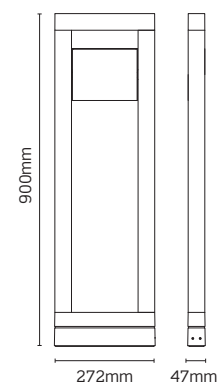
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17031



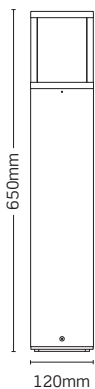
Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17031	Directional Slim Bollard	3000K	No	16W	1100	68

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEWNew product
for 20183 year
ext. warranty*See p.328
for matching wall light

JC17040WH

Classification⊕ Class 1
IP54 | 240V**Lamp**E27 halogen or LED lamp
(not supplied)**Finishes**Anthracite (**BLK**), White (**WH**)**Construction**Body: Aluminium
Diffuser: Polycarbonate**JC17040**All data sheets and installation sheets
available at jcc.co.uk

Decorative Square Bollard

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Stylish, contemporary design
- IP54 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Lamp not supplied



Code	Description	Lamp
JC17040	Decorative Square Bollard	E27 Halogen or LED lamp

For Anthracite add **BLK** suffix, for White add **WH** suffix.

*Requires online registration.



NEW

New product
for 20183 year
ext. warranty*

Directional Round Bollard

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Stylish, contemporary design
- 300° directional LED module

Classification

⊕ Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

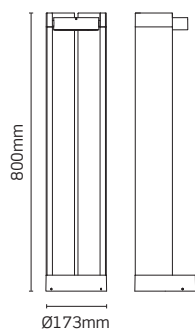
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17041



All data sheets and installation sheets
available at jcc.co.uk



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17041	Directional Round Bollard	3000K	No	15W	500	33

*Requires online registration.


Tapered Bollard


Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Stylish, contemporary design




NEW New product for 2018

 3 year ext. warranty*

 50° beam angle

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

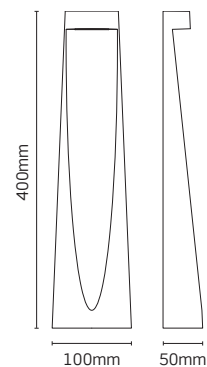
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Polycarbonate

JC17018



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17018	Tapered Bollard	3000K	No	7W	303	43

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



NiteLED™ Round Bollard

Low wattage LED exterior lighting

- External base fixing for faster installation
- Durable aluminium construction
- Integral LED driver
- Instant start up, no warm up time
- Zero maintenance, no need to relamp



2 year
product guarantee

Classification

⊕ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Anthracite

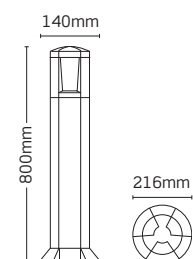
Construction

Body: Aluminium
Diffuser: Polycarbonate

Accessories

Root mounting kit (JC39412)

JC39404



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39404	NiteLED Round Bollard	4000K	No	6W	300	50
JC39412	Root mounting kit (Round Bollard)	-	-	-	-	-



2 year product guarantee

NiteLED™ Square Bollard

Low wattage LED exterior lighting

- External base fixing for faster installation
- Durable aluminium construction
- Integral LED driver
- Instant start up, no warm up time
- Zero maintenance, no need to relamp

Classification

⊕ Class 1
IP54 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Anthracite

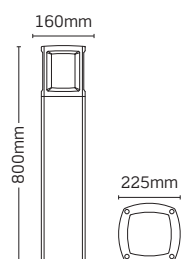
Construction

Body: Aluminium
Diffuser: Polycarbonate

Accessories

Root mounting kit (JC39413)

JC39405



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39405	NiteLED Square Bollard	4000K	No	6W	300	50
JC39412	Root mounting kit (Round Bollard)	-	-	-	-	-

All data sheets and installation sheets available at jcc.co.uk

NiteLED™ Dome Bollard

Low wattage LED exterior lighting

- Direct 42W halogen GLS replacement
- Zero maintenance, no need to relamp
- Instant start up, no warm up time



2 year
product guarantee



Matching wall light available,
see p.252

✓ JC39427BLK



✓ JC39426BLK



✓ JC39425BLK



Classification

⊕ Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Black (**BLK**), for Stainless Steel (**SS**) see p.300

Construction

Body: Aluminium
Diffuser: Polycarbonate

Accessories

Root mounting kit (JC39224)

JC39224

Ø170mm



JC39427BLK

Ø155mm



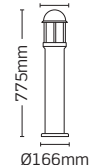
JC39425BLK

Ø155mm



JC39426BLK

Ø155mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39425BLK	Short (475mm)	4000K	No	8.5W	200	24
JC39426BLK	Medium (775mm)	4000K	No	8.5W	200	24
JC39427BLK	Tall (1275mm)	4000K	No	8.5W	200	24
JC39224	Root mounting kit	-	-	-	-	-



2 year product guarantee

NiteLED™ Dome Bollard

Low wattage LED exterior lighting

- Direct 42W halogen GLS replacement
- Zero maintenance, no need to relamp
- Instant start up, no warm up time



Matching wall light available, see p.253

Classification

Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

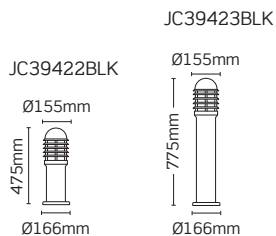
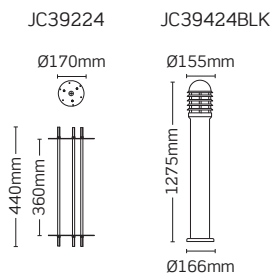
Black (BLK), for Stainless Steel (SS) see p.301

Construction

Body: Aluminium
Diffuser: Polycarbonate

Accessories

Root mounting kit (JC39224)



All data sheets and installation sheets available at jcc.co.uk

JC39424BLK

JC39423BLK

JC39422BLK



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39422BLK	Short (475mm)	4000K	No	8.5W	200	24
JC39423BLK	Medium (775mm)	4000K	No	8.5W	200	24
JC39424BLK	Tall (1275mm)	4000K	No	8.5W	200	24
JC39224	Root mounting kit	-	-	-	-	-

NiteLED™ Dome Bollard

Low wattage LED exterior lighting

- Direct 42W halogen GLS replacement
- Zero maintenance, no need to relamp
- Instant start up, no warm up time



2 year
product guarantee



Matching wall light available,
see p.252



Classification

Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Stainless steel (**SS**), for Black (**BLK**) see p.298

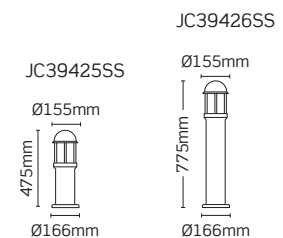
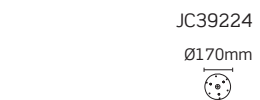
Construction

Body: Steel
Diffuser: Polycarbonate

Accessories

Root mounting kit (JC39224)

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39425SS	Short (475mm)	4000K	No	8.5W	200	24
JC39426SS	Medium (775mm)	4000K	No	8.5W	200	24
JC39224	Root mounting kit	-	-	-	-	-





2 year product guarantee

NiteLED™ Dome Bollard

Low wattage LED exterior lighting

- Direct 42W halogen GLS replacement
- Zero maintenance, no need to relamp
- Instant start up, no warm up time



Matching wall light available, see p.253

Classification

Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

Finishes

Stainless steel (**SS**), for Black (**BLK**) see p.299

Construction

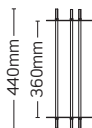
Body: Steel
Diffuser: Polycarbonate

Accessories

Root mounting kit (JC39224)

JC39224

Ø170mm



JC39423SS

Ø155mm



JC39422SS

Ø155mm



Ø166mm

Ø166mm



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39422SS	Short (475mm)	4000K	No	8.5W	200	24
JC39423SS	Medium (775mm)	4000K	No	8.5W	200	24
JC39224	Root mounting kit	-	-	-	-	-

Recessed Ground,
Wall & Spike Lights

304

Inground LED



306

NiteLED™ Walkover



308

Inground Single Direction



309

Inground Twin Direction



310

Inground Quad Direction



312

Inground Spike



313

Inground Spike Spotlight



316

Elegenti LED Step Light



317

Charon Deck Light



Inground LED

Architectural exterior LED lighting


- Durable exterior in ground fitting
- Matching colour temperature to the Architectural Exterior range
- IP67 protection against dust and the effects of immersion
- High quality stainless steel construction
- 500kg static weight limit




125mm

NEW New product for 2018

 3 year ext. warranty*

 24° beam angle

Classification

 Class 1
IP67 | 240V

LED

3000K | CRI: Ra (80)

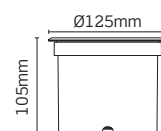
Finishes

Stainless steel

Construction

Body: Aluminium
Diffuser: Glass
Bezel: Stainless steel

JC17029





Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17029	IP67 Inground walkover	3000K	No	7W	600	86

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW New product for 2018

 3 year ext. warranty*

 30° beam angle

Inground LED


Architectural exterior LED lighting

- High output exterior in ground fitting
- Matching colour temperature to the Architectural Exterior range
- IP67 protection against dust and the effects of immersion
- High quality stainless steel construction
- 500kg static weight limit



240mm

Classification

 Class 1
IP67 | 240V

LED

3000K | CRI: Ra (80)

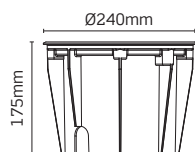
Finishes

Stainless steel

Construction

Body: Aluminium
Diffuser: Glass
Bezel: Stainless steel

JC17034



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17034	IP67 Inground walkover	3000K	No	24W	1800	75

*Requires online registration.

NiteLED™ Walkover

3W stainless steel LED in-ground light

- External base fixing for faster installation
- High quality stainless steel construction
- Zero maintenance, no need to relamp
- Supplied pre-wired



2 year
product guarantee



119mm

Classification

⊕ Class 1
IP67 | 240V

LED

4000K | CRI: Ra (70)

Finishes

Stainless steel

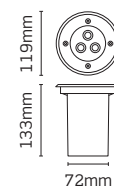
Construction

Body: Aluminium
Diffuser: Clear glass
Bezel: Stainless steel

Installation

Cut out Ø:
Width - 105mm
Depth - 185mm

JC39415



Code	Description	Col temp.	Watt	Lumens	LpcW
JC39415	NiteLED Walkover	4000K	3W	180	60



2 year product guarantee

NiteLED™ Walkover

6W stainless steel LED in-ground light

- External base fixing for faster installation
- High quality stainless steel construction
- Zero maintenance, no need to relamp
- Supplied pre-wired



149mm

Classification

⊕ Class 1
IP67 | 240V

LED

4000K | CRI: Ra (70)

Finishes

Stainless steel

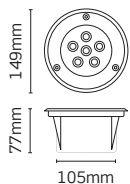
Construction

Body: Aluminium
Diffuser: Clear glass
Bezel: Stainless steel

Installation

Cut out Ø:
Width - 136mm
Depth - 125mm

JC39414



All data sheets and installation sheets available at jcc.co.uk


Code	Description	Col temp.	Watt	Lumens	LpcW
JC39414	NiteLED Walkover	4000K	6W	360	60

Inground Single Direction

Architectural exterior LED lighting

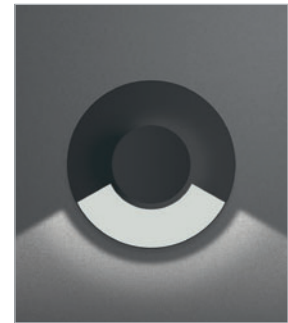
- Durable die-cast aluminium construction
- IP67 protection against water ingress
- Stylish, contemporary design
- Matching colour temperature and finish to the Architectural Exterior range

NEW New product for 2018

 3 year ext. warranty*




125mm



 JC17026

Classification

 Class 1
IP67 | 240V

LED

3000K | CRI: Ra (80)

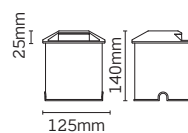
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17026



Code	Description	Col temp.	Dim.	Watt	Lumens
JC17026	Inground Single Direction	3000K	No	7W	100

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEW

New product
for 20183 year
ext. warranty*

Inground Twin Direction

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP67 protection against water ingress
- Stylish, contemporary design
- Matching colour temperature and finish to the Architectural Exterior range



^ JC17027



125mm

Classification

⚡ Class 1
IP67 | 240V

LED

3000K | CRI: Ra (80)

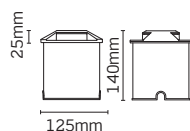
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17027



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens
JC17027	Inground Twin Direction	3000K	No	7W	150

*Requires online registration.

Inground Quad Direction

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP67 protection against water ingress
- Stylish, contemporary design
- Matching colour temperature and finish to the Architectural Exterior range

NEW New product for 2018

 3 year ext. warranty*




125mm



 JC17028

Classification

 Class 1
IP67 | 240V

LED

3000K | CRI: Ra (80)

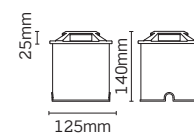
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17028



Code	Description	Col temp.	Dim.	Watt	Lumens
JC17028	Inground Quad-Direction	3000K	No	7W	200

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk




Inground Spike


Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection against water ingress
- Matching colour temperature and finish to the Architectural Exterior range
- Pre-wired with 900mm flex




NEW New product for 2018

 3 year ext. warranty*

 95° beam angle

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

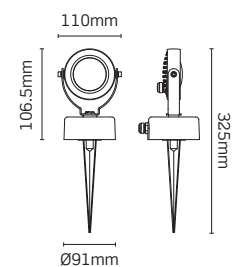
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17025



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17025	Inground spike	3000K	No	7W	600	86


*Requires online registration.


All data sheets and installation sheets available at jcc.co.uk

Inground Spike Spotlight

Architectural exterior LED lighting

NEW New product for 2018


 3 year ext. warranty*

 45° beam angle

- Durable die-cast aluminium construction
- IP65 protection against water ingress
- Matching colour temperature and finish to the Architectural Exterior range
- Pre-wired with 900mm flex



Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

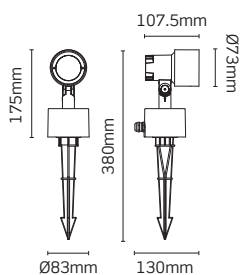
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Glass

JC17030



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17030	Inground Spike Spotlight	3000K	No	15W	650	43

*Requires online registration.


Inground Spike Spotlight


Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection against water ingress
- Matching colour temperature and finish to the Architectural Exterior range
- Pre-wired with 900mm flex




NEW New product for 2018

 3 year ext. warranty*

 40° beam angle

Classification

 Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

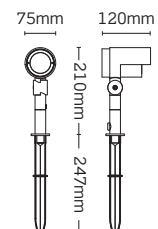
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC17044



Code	Description	Col temp.	Watt	Lumens	LpcW
JC17044	Inground Spike Spotlight short	3000K	10W	750	75

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk

NEWNew product
for 20183 year
ext. warranty*40°
beam angle

Inground Spike Spotlight

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- IP65 protection against water ingress
- Matching colour temperature and finish to the Architectural Exterior range
- Pre-wired with 900mm flex



Classification

⚡ Class 1
IP65 | 240V

LED

3000K | CRI: Ra (80)

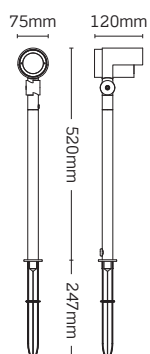
Finishes

Anthracite

Construction

Body: Aluminium
Lens: Polycarbonate

JC17045



All data sheets and installation sheets
available at jcc.co.uk

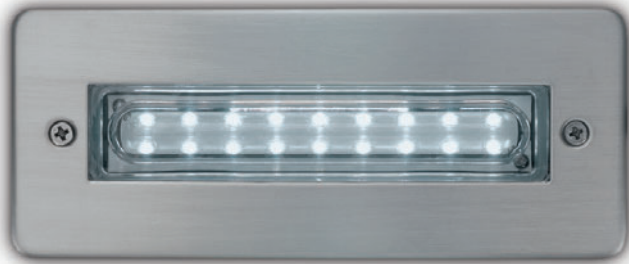
Code	Description	Col temp.	Watt	Lumens	LpcW
JC17045	Inground Spike Spotlight tall	3000K	10W	750	75

*Requires online registration.

Elegenti LED Step Light

Recessed step light for pathway lighting

- IP68 weather resistant
- Comes complete with recessed wall box
- Supplied with integral driver



2 year
product guarantee

Classification

Class 2
IP68 | 240V

LED

6000K | CRI: Ra (75)

Finishes

Stainless steel

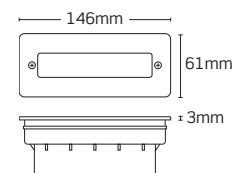
Construction

Body: Polycarbonate
Lens: Clear acrylic

Installation

Cut out: L140 x W57 x D60mm

JC71115



Code	Description	Col temp.	Watt	Lumens
JC71115	Elegenti LED step light	6000K	1.5W	45



2 year product guarantee

Charon Deck Lights

LED deck lighting kit

- LED deck lights supplied as kits with 5 heads per kit
- 6 LED chips per head - 0.5W
- 35,000 hours average life
- Drivers and cables included



Classification

Class 2
IP65 | 240V

LED

6000K | CRI: Ra (75)

Finishes

Brushed aluminium

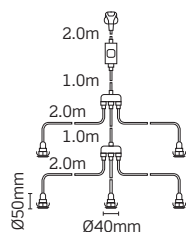
Construction

Body: Aluminium
Lens: Clear glass

Installation

Cut out Ø: 35mm

JC71054



All data sheets and installation sheets available at jcc.co.uk

Code	Description	Col temp.	Watt (per head)	Lumens
JC71054	Charon Deck Lights	6000K	0.5W	15



Lanterns and
Post Lights

320

Montella™ Lantern



321

Montella™ Half Wall Lantern



322

LED Lantern Top Arm



323

LED Lantern Bottom Arm



324

LED Lantern Post Top



325

Frosted Glazed Lantern



328

Glazed Lantern



329

Glazed Lantern Mini



330

Glazed Post Light



331


Glazed Post Box




Montella™ Lanterns

Traditional wall lanterns

- Comes complete with plug and play connections for easy installation
- Discreet colour coded PIR, with manual override function available
- Halogen GLS (lamp not included) or LED retrofit
- Suitable for use with GLS Halogen and LED lamps

 2 year product guarantee

 Sensing options available

✓ JC32011



✓ JC32011



Classification

Class 2
IP44 | 240V

Lamp

GLS Halogen/LED (lamp not included)

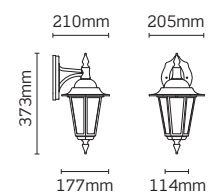
Finishes

Black (**BLK**), White (**WH**)

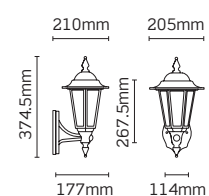
Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC32011



JC32010 / JC32012



Code	Description	Lamp
JC32010	Montella lantern bottom arm	GLS Halogen/LED
JC32011	Montella lantern top arm	GLS Halogen/LED
JC32012	Montella lantern bottom arm with PIR	GLS Halogen/LED

For Black add **BLK** suffix, for White add **WH** suffix



2 year
product guarantee



Sensing
options available

Montella™ Half Wall Lanterns

Traditional wall lanterns

- Discreet colour coded PIR, with manual override function available
- Available in black and white finishes
- Zero maintenance, no need to relamp
- Halogen GLS (lamp not included) or LED retrofit
- Suitable for use with GLS Halogen and LED lamps

✓ JC32015



Classification

□ Class 2
IP44 | 240V

Lamp

GLS Halogen/LED (lamp not included)

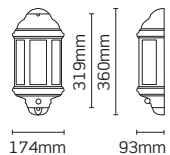
Finishes

Black (**BLK**), White (**WH**)

Construction

Body: Polycarbonate
Diffuser: Polycarbonate

JC32015 / JC32017



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Lamp
JC32015	Montella half wall lantern	GLS Halogen/LED
JC32017	Montella half wall lantern with PIR	GLS Halogen/LED

For Black add **BLK** suffix, for White add **WH** suffix

LED Lantern Top Arm

Contemporary LED wall lantern

- Decorative outdoor wall lantern
- IP44 protection against dust and moisture
- Integrated LED light source
- Durable die-cast aluminium construction



NEW

New product
for 20182 year
product guarantee

Classification

⊕ Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

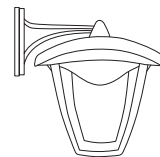
Finishes

Black

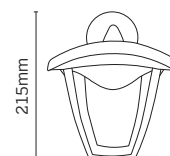
Construction

Body: Aluminium
Lens: Polycarbonate

JC39433



195mm



215mm

170mm

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39433	Top Arm LED Lantern	4000K	No	7.5W	290	41

NEWNew product
for 20182 year
product guaranteeSensing
options available

LED Lantern Bottom Arm

Contemporary LED wall lantern

- Decorative outdoor wall lantern
- IP44 protection against dust and moisture
- Integrated LED light source
- Durable die-cast aluminium construction



Classification

⚡ Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

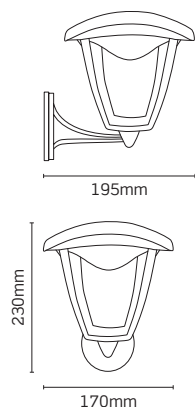
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate

JC39431 / JC39432



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39431	Bottom Arm LED Lantern	4000K	No	7.5W	290	41
JC39432	Bottom Arm LED Lantern with PIR	4000K	No	7.5W	290	41

LED Lantern Post Top

Contemporary LED post top lantern


- Decorative outdoor post top lantern
- IP44 protection against dust and moisture
- Integrated LED light source
- Durable die-cast aluminium construction



NEW New product for 2018

 2 year product guarantee

Classification

 Class 1
IP44 | 240V

LED

4000K | CRI: Ra (80)

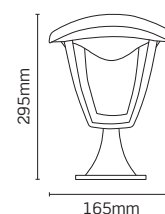
Finishes

Black

Construction

Body: Aluminium
Lens: Polycarbonate

JC39434



Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC39434	Post Top Cast LED Lantern	4000K	No	7.5W	290	41

NEWNew product
for 20183 year
ext. warranty*See p. 285
for matching bollard

Frosted Glazed Lantern

Architectural exterior LED lighting

- Durable die-cast aluminium construction
- Opal polycarbonate wall light
- IP54 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range



Classification

⚡ Class 1
IP54 | 240V

LED

3000K | CRI: Ra (80)

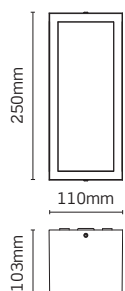
Finishes

Anthracite

Construction

Body: Aluminium
Diffuser: Glass

JC17008



All data sheets and installation sheets
available at jcc.co.uk

Code	Description	Col temp.	Dim.	Watt	Lumens	LpcW
JC17008	Frosted Glazed Lantern	3000K	No	18W	662	36

*Requires online registration.





Glazed Lantern


Architectural exterior LED lighting

- Stylish contemporary design
- Durable die-cast aluminium construction
- Toughened glass lantern with E27 lamp holder
- IP54 protection against dust and moisture
- Matching colour temperature and finish to the Architectural Exterior range
- Suitable for use with LED lamps



NEW New product for 2018


 3 year ext. warranty*

 See p. 291 for matching bollard



 Rubber gasket lamp holder

Classification

 Class 1
IP54 | 240V

Lamp

E27 15W Max
Lamp not supplied

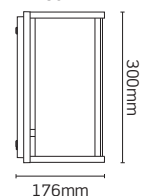
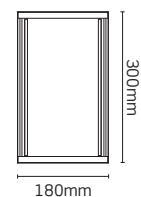
Finishes

Anthracite (**BLK**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Glass

JC17007



Code	Description
JC17007	Glazed Lantern

For Anthracite add **BLK** suffix, for White add **WH** suffix


*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk


Glazed Lantern Mini

Architectural exterior LED lighting

NEW New product for 2018

 3 year ext. warranty*

 Sensing options available


 See p. 291 for matching bollard

- Stylish contemporary design
- Durable die-cast aluminium construction
- Toughened glass lantern with E27 lamp holder
- IP54 protection against dust and moisture
- PIR option available
- Matching colour temperature and finish to the Architectural Exterior range
- Suitable for use with LED lamps



 Rubber gasket lamp holder

Classification

 Class 1
IP54 | 240V

Lamp

E27 15W Max
Lamp not supplied

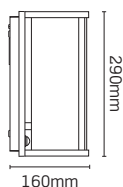
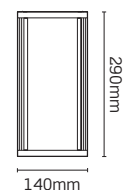
Finishes

Anthracite (**BLK**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Glass

JC17036 / JC17037



All data sheets and installation sheets available at jcc.co.uk

 JC17036 (PIR)



Code	Description
JC17036	Glazed Lantern Mini with PIR
JC17037	Glazed Lantern Mini

For Anthracite add **BLK** suffix, for White add **WH** suffix

*Requires online registration.


Glazed Post Light

Architectural exterior LED lighting

- Stylish, contemporary design
- Durable die-cast aluminum construction
- Toughened glass post top with E27 lamp holder
- IP54 protection against dust and moisture
- Matching finish to the Architectural Exterior range
- Suitable for use with LED lamps




NEW New product for 2018

 3 year ext. warranty*



 **JC17038WH**

Classification

 Class 1
IP54 | 240V

Lamp

E27 15W Max
Lamp not supplied

Finishes

Anthracite (**BLK**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Glass

JC17038



Code **Description**

JC17038 Glazed Post Light

For Anthracite add **BLK** suffix, for White add **WH** suffix

*Requires online registration.

All data sheets and installation sheets available at jcc.co.uk



New product
for 2018



3 year
ext. warranty*



JC17039WH

Classification

Class 1
IP54 | 240V

Lamp

E27 15W Max
Lamp not supplied

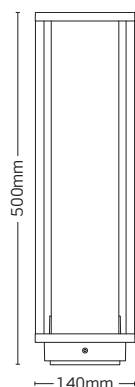
Finishes

Anthracite (**BLK**), White (**WH**)

Construction

Body: Aluminium
Diffuser: Glass

JC17039



All data sheets and installation sheets
available at jcc.co.uk

Glazed Post Box

Architectural exterior LED lighting

- Stylish, contemporary design
- Durable die-cast aluminium construction
- Toughened glass post top with E27 lamp holder
- IP54 protection against dust and moisture
- Matching finish to the Architectural Exterior range
- Suitable for use with LED lamps



Code	Description
------	-------------

JC17039	Glazed Post Box
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For Anthracite add **BLK** suffix, for White add **WH** suffix

*Requires online registration.

Controls, Sensors & Accessories

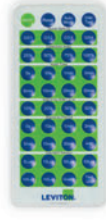
334

Toughbay™ Sensor



335

Toughbay™
Microwave Remote



336

PIR Detector



Toughbay™ Dimming Sensor

1-10V step dimming microwave sensor

- Compatible with Toughbay™ Retrofit, Toughbay™ High Output and Toughbay™ Linear
- 1-10V step dimming featured as standard
- Simple access to dip switches
- IP65 protection against dust and moisture
- New remote control available to change settings on sensor



5 year
ext. warranty*



See p.114
for Toughbay range



Code	Description	Col temp.	Watt	Lumens	LpcW
JC71830/60MW	Toughbay Retrofit 60° microwave dim.	5700K	100W	12,300	123
JC71830/90MW	Toughbay Retrofit 90° microwave dim.	5700K	100W	12,300	123
JC71831/60MW	Toughbay Retrofit 60° microwave dim.	5700K	150W	18,400	123
JC71831/90MW	Toughbay Retrofit 90° microwave dim.	5700K	150W	18,400	123
JC71832/60MW	Toughbay Retrofit 60° microwave dim.	5700K	200W	24,500	122
JC71832/90MW	Toughbay Retrofit 90° microwave dim.	5700K	200W	24,500	122
JC71833/60MW	Toughbay High Output 60° microwave dim.	5700K	100W	14,500	145
JC71833/90MW	Toughbay High Output 90° microwave dim.	5700K	100W	14,500	145
JC71834/60MW	Toughbay High Output 60° microwave dim.	5700K	150W	21,200	141
JC71834/90MW	Toughbay High Output 90° microwave dim.	5700K	150W	21,200	141
JC71835/60MW	Toughbay High Output 60° microwave dim.	5700K	200W	28,000	140
JC71835/90MW	Toughbay High Output 90° microwave dim.	5700K	200W	28,000	140
JC71931/30X60MW	Toughbay Linear 30°x60° microwave	5700K	100W	14,000	140
JC71931/50MW	Toughbay Linear 50° microwave	5700K	100W	14,000	140
JC71931/80MW	Toughbay Linear 80° microwave	5700K	100W	14,000	140
JC71932/30X60MW	Toughbay Linear 30°x60° microwave	5700K	150W	21,000	140
JC71932/50MW	Toughbay Linear 50° microwave	5700K	150W	21,000	140
JC71932/80MW	Toughbay Linear 80° microwave	5700K	150W	21,000	140
JC71933/30X60MW	Toughbay Linear 30°x60° microwave	5700K	200W	28,000	140
JC71933/50MW	Toughbay Linear 50° microwave	5700K	200W	28,000	140
JC71933/80MW	Toughbay Linear 80° microwave	5700K	200W	28,000	140

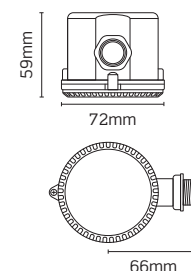
Classification

IP20 (handset)
IP65 (sensor)

Construction

Body: Polycarbonate

Toughbay Sensor



*Requires online registration.

Toughbay™ Microwave Remote

1-10V step dimming microwave sensor remote

- Toughbay™ Sensor handset for use with Toughbay™ Retrofit, Toughbay™ High Output and Toughbay™ Linear
- Quick settings pre-set for 4 different applications
- Up to 15m control of sensors and fittings for quick and simple installation and programming

RESET

Reset microwave sensor to dip switch settings.

AUTO MODE

Return to settings before on/off selected.

DETECTION AREA

Variable microwave sensitivity depending on mounting height and required area of detection.

QUICK SETTING

4 default settings available. Suitable for different applications and mounting heights (see website for more details).

STAND-BY DIM LEVEL

Minimum brightness the luminaire remains at after no movement is detected.

HOLD TIME

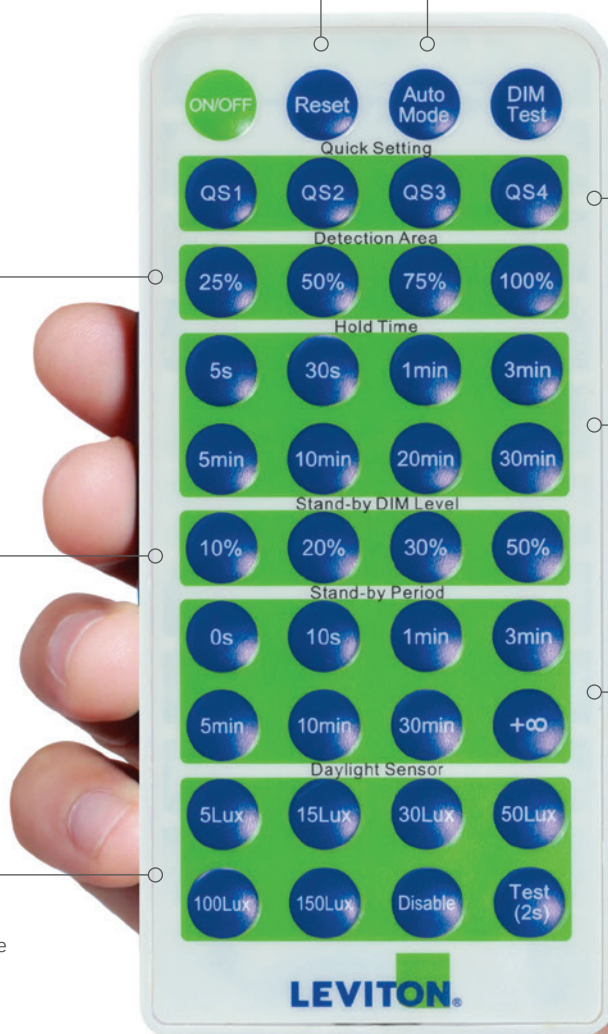
The length of time the luminaire remains at full brightness before dimming or turning off.

DAYLIGHT SENSOR

Select ambient natural light level that is required before the luminaire is switched on with microwave detection.

STAND-BY PERIOD

Length of time the luminaire remains at the dimmed brightness before turning off.



Code

Description

LEV71805

Toughbay Microwave Remote

PIR Detector

External PIR detection sensor

- Manual override feature
- Compatible with LED and halogen
- Can switch up to 500W of LED and 1000W resistive
- Available in two finishes



2 year
product guarantee

Classification

IP44 | 240V

Loading

1000W resistive
500W LED

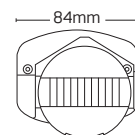
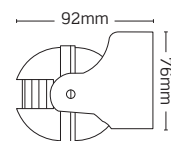
Finishes

Black (**BLK**), White (**WH**)

Installation

Method of fix: Screw fix

PIR Detector



Code	Description	Detection range	Hold time	Angle of view
LEV68003	IP44 PIR	12m	10 secs to 4 mins	180°

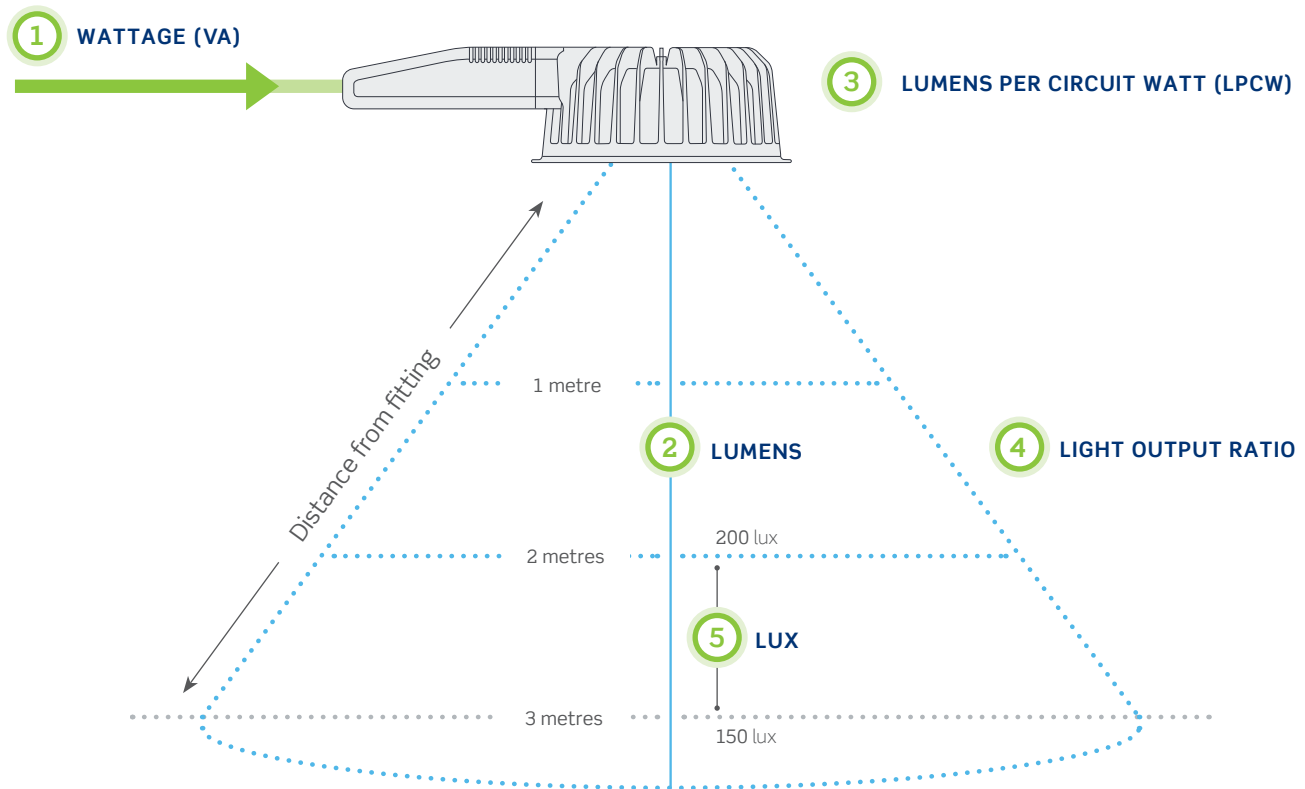
For Black add **BLK** suffix, for White add **WH** suffix.



Technical

Lighting explained

A guide to commonly used terms within lighting



1 WATTAGE (VA)

A measure of power or the rate of energy consumption by an electrical device when it is in operation, calculated by multiplying the voltage at which an appliance operates by the current it draws (Watts = Volts X Amperes).

2 LUMENS

A lumen is a unit of measurement that is used to express how much illumination a source of light provides.

3 LUMENS PER CIRCUIT WATT (LPCW)

A calculation of the efficiency of a fitting. Lumens (3000) ÷ Wattage (50W) = 60 LpcW

4 LIGHT OUTPUT RATIO (LOR)

This is a measure of the efficiency of the fitting and is a ratio of the lumens leaving the light source and the lumens that finally leave the fitting.

5 LUX

A measure of the intensity of light as seen by the human eye and measured by luminous flux per unit area. One lux is equal to one lumen per square metre.

i MORE INFORMATION AT JCC.CO.UK

For further information on lighting principles and common industry terminology, visit jcc.co.uk/lighting-explained

Common lighting industry terms

Typical terminology used within the lighting industry, including Colour Rendering Index (CRI), IP Ratings and L70 Lumen Depreciation.

COLOUR RENDERING INDEX (CRI)

A measure of the ability of a light source to reproduce the colours of various objects. A light source with a CRI of 100 (Ra) would be perfect and balanced in terms of colour reproduction, shading and contrast.

LUMEN DEPRECIATION (L70)

Lumen depreciation values reflect the overall performance of a light source through its life. All light sources suffer from lumen depreciation, which can be accelerated by poor thermal conditions, over voltage or incorrect application. L70 is the operating time (hours) until the LED lumen output is depreciated to 70% of its initial lumens.

IP RATINGS

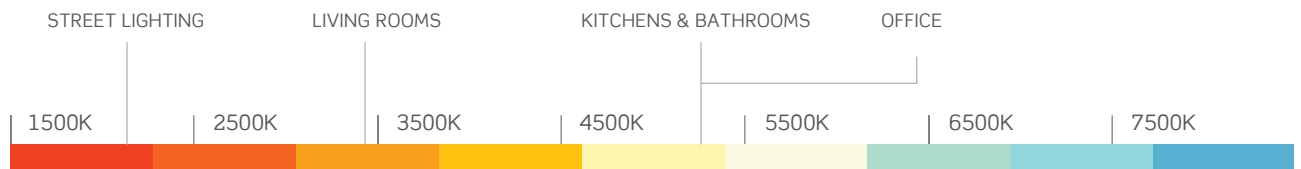
Ingress Protection (IP) is a value given to products that have particular protection against dust and/or moisture. The IP number is split, the first digit represents the level of protection against dust particles while the second digit represents the protection against moisture. For example IP00 has no protection against dust or moisture whilst a product with IP68 is dust tight and submersible up to 2m (see page 344 for more information).

LENI (LIGHT ENERGY NUMERIC INDICATOR)

LENI is a measurement of the buildings energy performance in energy usage per sq/m. For more information, visit www.thelia.org.uk

Understanding colour temperature

The colour temperature of a light source is measured in degrees Kelvin. Below is a Kelvin temperature scale with examples of how colour temperature is used within different lighting applications.



Building lighting basics

Key factors to consider when lighting a building

It's important to understand who will be using the area and what will be the layout. The following is a simple checklist:

Q. What is the primary use of the area?

A. The level of light required will depend upon the tasks performed within the area. See CIBSE guidelines below.

Q. What colours are used within the decor?

A. Dark walls, flooring and furniture can absorb up to 80% of the light.

Q. How much natural daylight enters the area?

A. Windows, exterior doors and skylights impact the level of light within an environment. To maintain constant light levels the area may require lighting control such as daylight harvesting (see page 349).

Q. Is the ceiling suspended or solid?

A. Light fittings are often designed for a specific ceiling type. The ceiling within your application may dictate the relevant fittings required.

Q. Is there electrical provision for wall mounted lights?

A. If lighting new areas where fittings do not replace previous lighting, chasing wiring into the wall may be necessary.

Q. Which regulations are applicable?

A. The 2014 Building Regulations stipulate key attributes that are required for fittings used within certain areas (see page 346).

Q. What level of maintenance does the area receive?

A. Without regular cleaning, the light output of all light fittings is reduced. Non-LED fittings require lamps to be replaced dependant upon lamp technology.

Q. Are there environmental considerations?

A. Older lamp technologies such as CDM can considerably add to ambient room temperatures. Areas with heightened levels of dust, dirt and water may require an IP rating (see page 345).

CIBSE recommended light levels

Area type	Recommended LUX	Area type	Recommended LUX
Public areas with dark surroundings	10 - 50 Lux	Simple office work and classrooms	300 - 500 Lux
Simple orientation for short visits	100 - 150 Lux	Brighter areas such as bathrooms	150 - 200 Lux
Warehouse racking	150 Lux	Normal office work with computers	300 - 500 Lux
Warehouses, homes, theatres	150 - 200 Lux	Supermarkets and workshops	500 - 1000 Lux

How to add interest to lighting

Good lighting design recognises the need for depth of view. Both ambient and accent lighting should be used, whilst combining colour temperatures to create a more comfortable working environment.

AMBIENT LIGHTING

This is the general lighting within an area and typically contributes 80% of the overall lighting level. Skytile® is a good example of product designed for ambient lighting.

ACCENT LIGHTING

Adds interest and depth to a design and should compliment but not conflict with the ambient lighting. This can include wall washing, the subtle use of colour, up lighting and spotlighting. Starscoop™ and Hybrid9™ are excellent for accent lighting.

MIXING WARM & COOL

Coloured lighting within a design can affect the atmosphere created. The ambient lighting can be a cooler temperature to add a more commercial feel. Supplement with warm white as accent lighting to create a more dynamic environment.



Typical areas within commercial applications

1

MEETING & BOARDROOM

The main lighting should be focused on the table areas. Remember to allow control of lighting near screens and displays. Use accent lighting to provide depth, and consider lighting pictures and other features.

2

OFFICE AREA

Try to allow for flexible use of the space so that desks can be repositioned. The lighting on desks should be greater than general movement areas. Consider the opportunity to use natural daylight, this may require lighting control for daylight harvesting (see page 349). Adequately light emergency escape routes (see page 347).

3

RECEPTION

The reception area can provide a first impression of the business. The ambient and accent lighting should be varied to provide a dynamic feel.

4

STAIRWELLS

Primarily focus on safety by ensuring good light levels. Also consider the emergency requirements for emergency escape.

5

BASEMENT

Natural light and external views are unavailable and therefore it's vital to create depth of design by mixing accent and ambient light with variations in colour temperature.

6

SHOWROOM

The primary focus should be on the products being displayed. Track lighting can provide flexibility for changes of use (see StarSpot™ pages 158-163). Good CRI (see page 341) is important to ensure that colours are displayed correctly, LED lighting can have good and consistent CRI. Also consider the reliability of the lighting, a long L70 (see page 341) is important or the products will become dimly lit over time as product performance deteriorates.

7

EXTERIOR

Consider the security requirements and the safe passage of people when entering and leaving the building. Good exterior lighting can dramatically change the look of a building so consider both lighting the area around the building and the elevations of the entrance area and side walls.

Understanding bathroom zones

IEE Wiring Regulations, BS 7671: 2008, Section 701 gives requirements for areas containing a bath or shower. This document should be consulted before installation of appliances.

Areas of the bathroom are split into zones. As a guide only, the requirements for luminaries in each zone may be summarised as follows. Particular care should also be taken with wash basins. Guidance for these are also contained within BS 7671.



Zone 0

Refers to the interior of the bath or shower that can hold water. Requires electrical products to be low voltage (max. 12V) and rated IPX7.

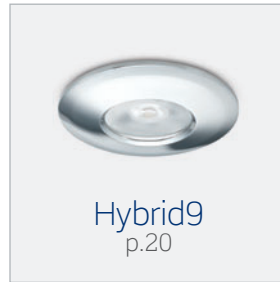
Zone 1

Refers to the area above the bath or shower up to a height of 2.25 metres and requires a minimum rating of IPX4 (splash-proof), plus RCD protection. IPX5 should be considered if water jets may be present i.e. for cleaning purposes.

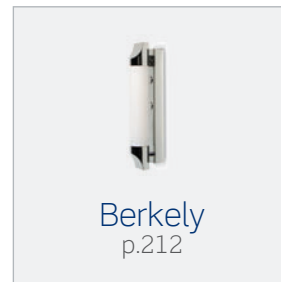
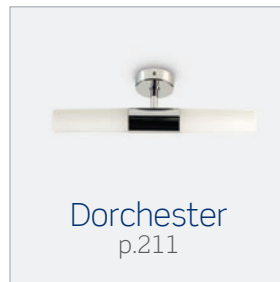
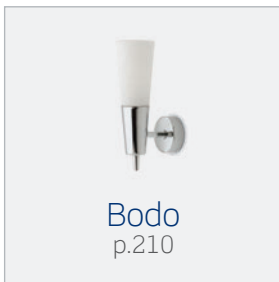
Zone 2

Covers an area 0.6 metres wide immediately next to, and all around Zone 1. Wash basins should also be treated as Zone 2. The minimum rating here is IPX4.

① Zone 1 products



② Zone 2 products



IP Numbers

Explanation of IP numbers for degree of protection (for example: IP65)

0	Non-protected
1	Protected against solid objects greater than 50mm
2	Protected against solid objects greater than 12mm
3	Protected against solid objects greater than 2.5mm
4	Protected against solid objects greater than 1.0mm
5	Dust - Protected
6	Dust - Tight

0	Non-protected
1	Protected against dripping water
2	Protected against dripping water when tilted up to 15°
3	Protected against spraying water
4	Protected against splashing water
5	Protected against water jets
6	Protected against heavy seas
7	Protected against the effects of immersion
8	Protected against submersion

Example **IP6X**

Example **IPX5**



2014 Building Regulations

The Building Regulations are government standards that have been put in place to provide contractors with a guide denoting the health and safety requirements for all aspects of construction and building renovations.



Part L (Efficiency)

Domestic

MINIMUM LIGHT FITTING PERFORMANCE

Internal lighting – At least 75% of all the light fittings in the main dwelling spaces (excluding infrequently accessed spaces used for storage) must have light fittings with an efficacy greater than 45 lumens per circuit Watt and total light output greater than 400 lumens.

- Light fittings of less than 5 circuit Watts, are excluded from the calculation.

External lighting – Either:

- Light fitting and lamps of greater than 100 Watts must be automatically controlled to switch off after the area becomes unoccupied and automatically controlled to switch off when daylight is sufficient.

Or:

- If the light fittings are better than 45 lumens per circuit Watt then they should be automatically controlled, so as to switch off when daylight is sufficient and can be manually controllable.

Non-Domestic/Commercial

MINIMUM LIGHT FITTING PERFORMANCE

General lighting in office and industrial – 60 lumens per circuit Watt

- Display lighting – 22 lumens per circuit Watt



Part B (Fire Safety)

Building Regulations Part B is focused on Fire safety, providing suitable protection for people to escape buildings with the time gained by having provisions in place. Fire rated luminaires are one of these provisions which are designed to slow down the spread of fire between floors.



Part C (Resistance to Contaminants & Moisture)

Building Regulations Part C aims to prevent condensation and drafts from penetrating the ceiling cut out around a luminaire. Part C products prevent condensation from passing through the fitting.



Part E (Resistance to Sound)

Building Regulations Part E is most commonly required for buildings such as flats, and is aimed to prevent sound from travelling between floors via the ceiling cut out for the luminaire. Products that are Part E compliant are also known as being acoustic rated.

Emergency lighting

What is an emergency light fitting?

Emergency light fittings include a battery as a backup power source that is continuously charged.

Emergency light fittings can tell when the power has failed and immediately switch to using the backup battery. The battery needs to power the light fitting for a minimum of 3 hours. To conserve power, the light output from the fitting is reduced, often to 10% of the normal light output.

What are the different types of emergency light fittings?

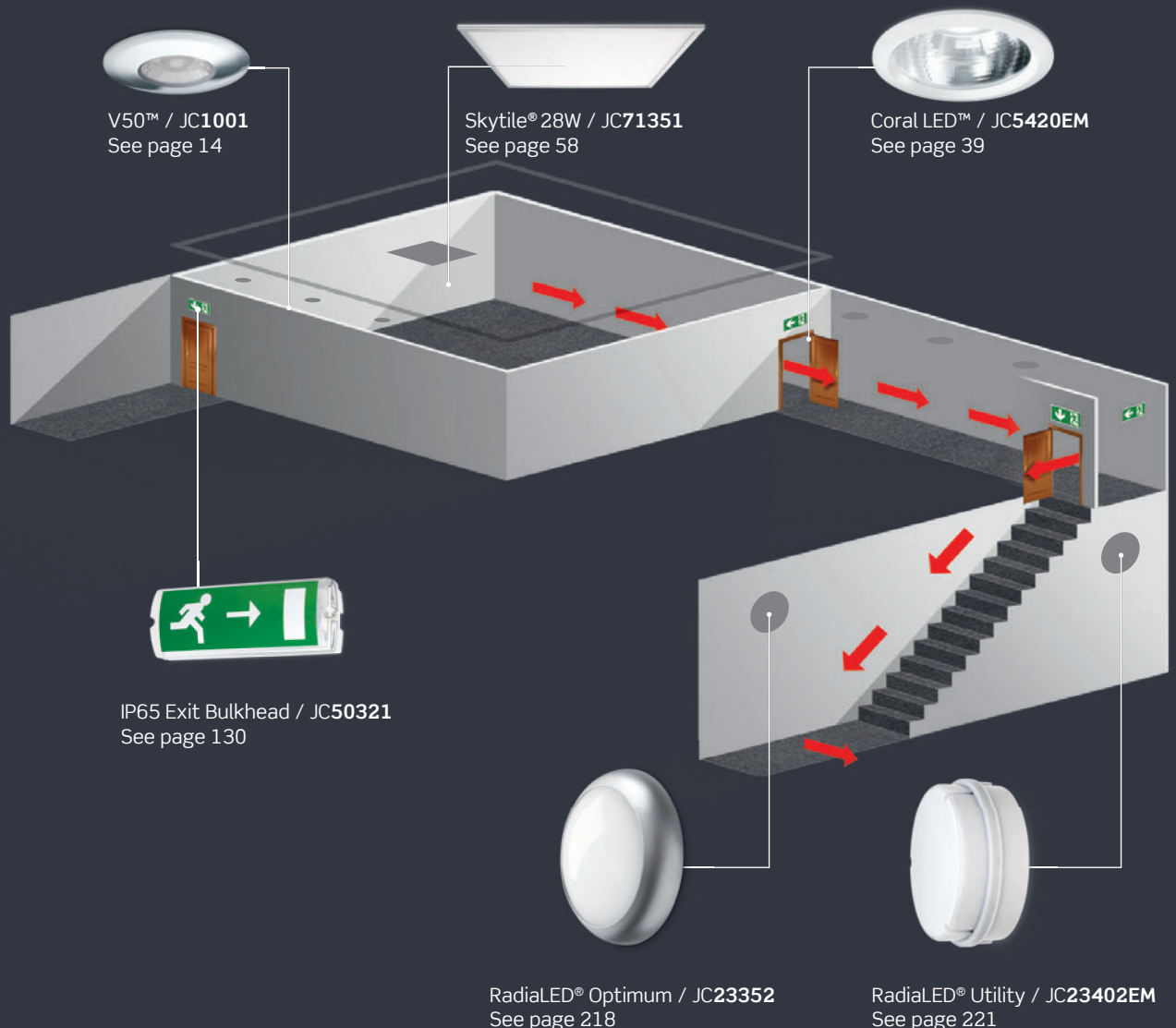
MAINTAINED FITTING

Will operate as a normal light fitting and be controlled with all the other lights in the area, however when the power fails the maintained emergency fitting will continue to operate but, at a lower light level.

NON-MAINTAINED FITTING

Is normally switched off, with its batteries being continuously charged and a green LED showing fully charged. When the power fails then the fitting switches on using its battery supply. Non-maintained fittings are not part of the general lighting but are fittings such as emergency exit signs.

All JCC emergency light fittings can operate as a maintained and non-maintained light.



Controlling lighting

Why control lighting?

Switching to LED from traditional lighting technology, such as halogen or fluorescent, can provide up to 90% energy savings. However, LED lighting can provide other benefits, such as instantly controlling on/off without deterioration in the fittings operating life. These benefits are suitable for lighting control and allow for significantly improved energy savings and a better lit environment.

Controls can provide an additional 50% energy saving

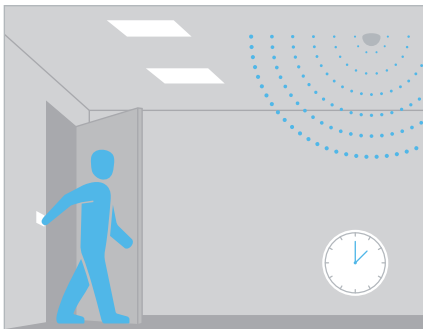
The government recognises the benefit of lighting control and is starting to introduce regulation that focuses on improvements in the energy efficiency of a complete building. The introduction of Building Regulations Part L (2013) is an example of this change and introduces the concept of a Lighting Energy Numeric Indicator (LENI – see page 341) that calculates the energy usage of a building per metre².

What are the types of lighting control?

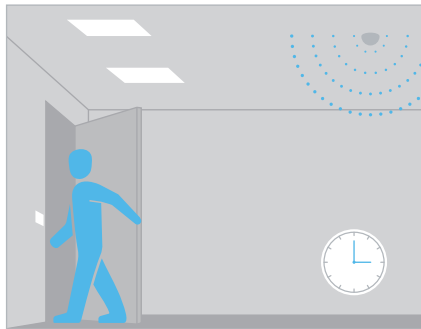
Good lighting control systems should adjust the lighting to compensate for changes in daylight levels and the usage of the area. The main types of control are:

1 ABSENCE DETECTION

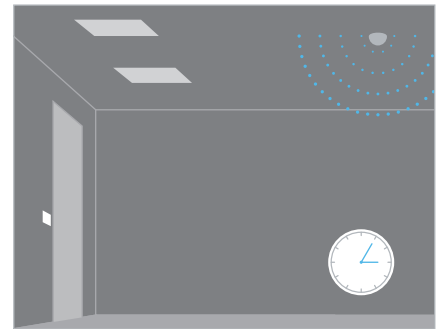
Manual on, auto off



Lighting is switched on using a time switch or detection from an occupancy sensor.



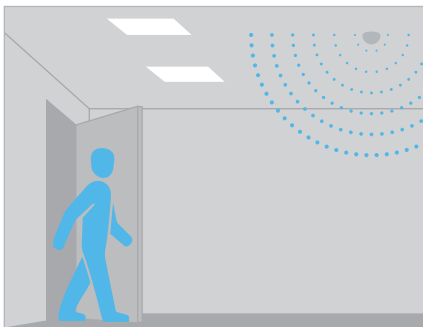
The lighting stays on using a timer.



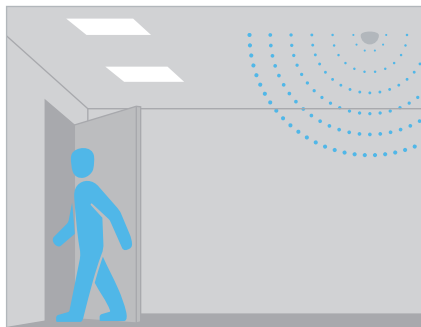
The lighting is automatically switched off after a specified period of time.

2 PRESENCE DETECTION

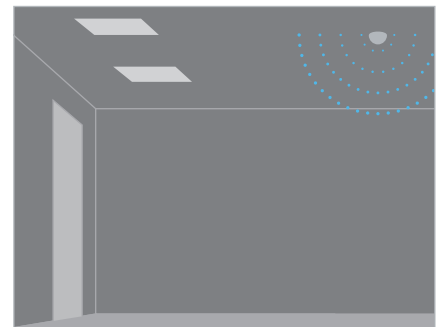
Auto on, auto off



The lighting is switched on after detection by an occupancy sensor.



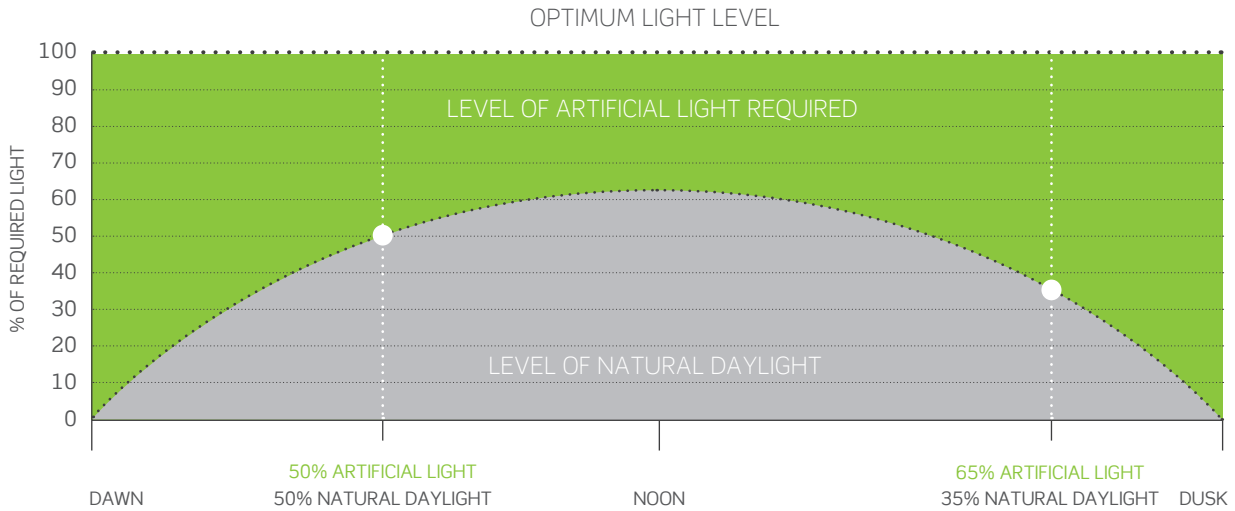
The sensor detects any further activity.



The lighting is switched off when the sensor doesn't detect any further activity.

3 DAYLIGHT COMPENSATION

The cheapest and best form of lighting is natural daylight. Lighting controls can be designed to adjust the light output from the light fittings when the amount of daylight in a room changes throughout the day and seasons.



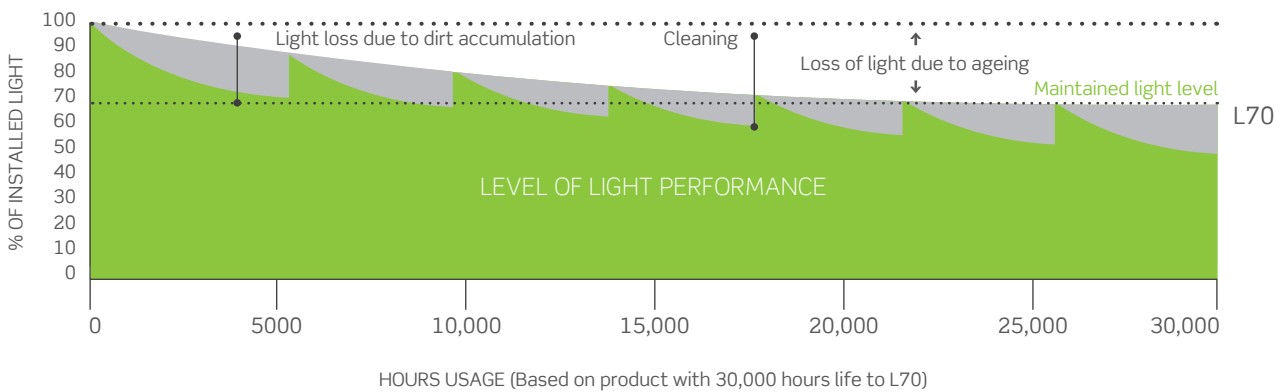
4 CONSTANT ILLUMINANCE

Light fittings lose some of their brightness over time, measured as the time taken to lose 30% of the original light output (L70). LED lights generally have a much better L70 performance than traditional lighting. If lighting controls are used then the area can be maintained at the correct level (maintained level).

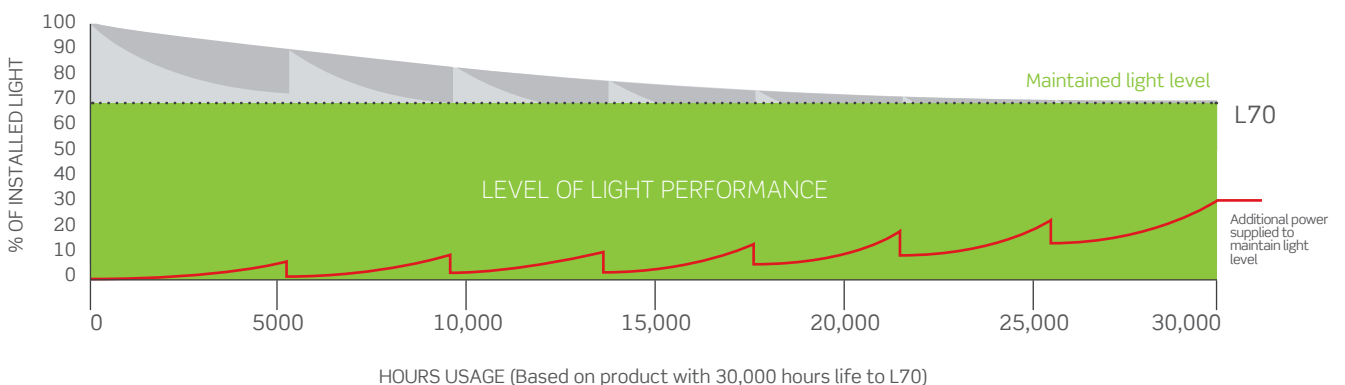
However, if controls are not used then the options available are to:

- Initially over-light an area which will achieve the correct future lighting level, or
- Initially light an area to the correct level and accept that in future the light level will deteriorate.

WITHOUT CONSTANT ILLUMINANCE



WITH CONSTANT ILLUMINANCE



Components of lighting control systems

A lighting control system is constructed from a range of individual components that may be supplied by different manufacturers. Understanding these components and their ease of integration is important when designing a good lighting control system.

Drivers

Drivers are the electronic systems that manage the power to an LED fitting and therefore change the light output. The primary driver types are:

NON-DIMMABLE

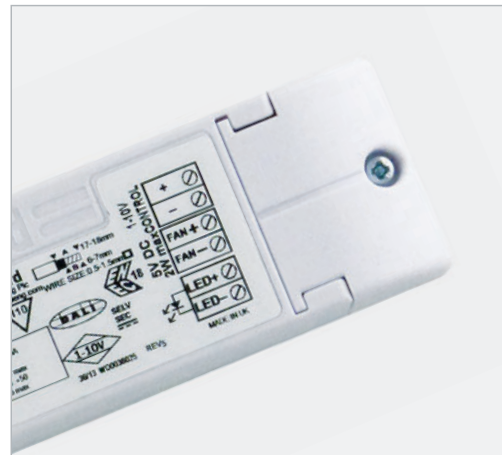
The driver cannot adjust the power to the LED fitting and can therefore only be switched on/off.

DIMMABLE

The power to the LED fitting is changed by the driver when it receives a signal from a controller.

EMERGENCY

The power to the LED fitting can be changed but only in fixed incremental amounts. This is useful when limited illumination is required for safety or security.



Detectors

Detectors provide the lighting control system with information on its environment; has the light level changed or are there people in the area? Multi-sensor technologies can be combined into a single detector or operate separately. The primary sensor types are:

PIR

Identifies people by looking for changes in the heat pattern, heat is always generated by people.

MICROWAVE

A transmitter sends out microwaves that bounce off people and are received back at the sensor. These detectors can be more robust than a PIR but travel through walls and can cause unplanned detection.

ULTRASONIC

Operate on the Doppler principle by emitting ultrasonic high-frequency sound waves into the room and then monitoring the variations of that signal as they return to a microphone within the sensor.

PHOTOCELL

The power to the LED fitting can be changed but only in fixed incremental amounts. This is useful when limited illumination is required for safety or security.



Switches

Switches are the manual method of managing lighting. The primary switch types are:

ON/OFF

Simply interrupts the electrical supply to the light fitting.

ON/OFF TIMED

Switches the lights on for a pre-programmed time and are often used in communal access corridors and staircases.

DIMMABLE

Switches allow adjustment of the lighting, often adjusted by rotation or the length of time the switch is held down.



Transmission options

Detectors provide the lighting control system with information on its environment; has the light level changed or are there people in the area? Multi-sensor technologies can be combined into a single detector or operate separately. The primary sensor types are:

MAINS POWER

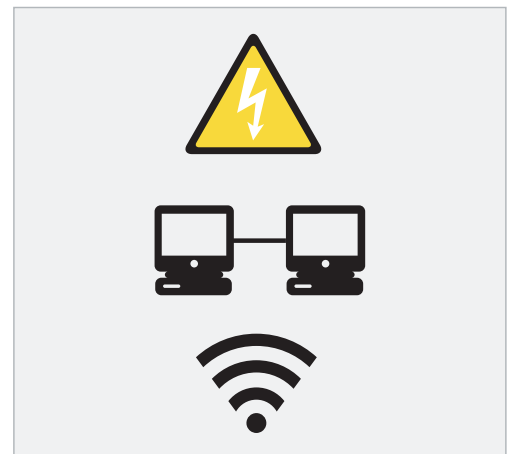
Simple to install as it only requires a mains supply cable and is used for applications that use limited power such as domestic lighting. Phase dimming uses this form of transmission.

SEPARATE CONTROL WIRE

Used to control most commercial applications where the power usage is greater. Allows the transmission of 1-10 Volt, DALI, and DSI directly to the light fittings

WIRELESS TRANSMISSION

Used to transmit a digital signal and doesn't require a separate control wire, however wireless links can suffer interference and are limited in range particularly where walls and metal objects exist. ZigBee is an example standard that allows meshing to increase range and reliability.



✓ Skytile® Sense
Presence Detection see p.62



✓ Skytile® Sense
Daylight Harvesting see p.64



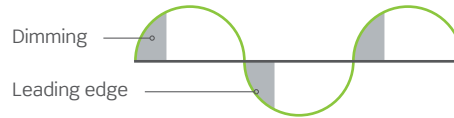
Communication protocols

PHASE DIMMING

Uses the mains alternating current (AC) to reduce power to the light fitting by cutting out sections of the AC supply. Phase dimming was designed for traditional lighting technology and is common in lower power domestic lighting but is unsuitable for commercial applications.

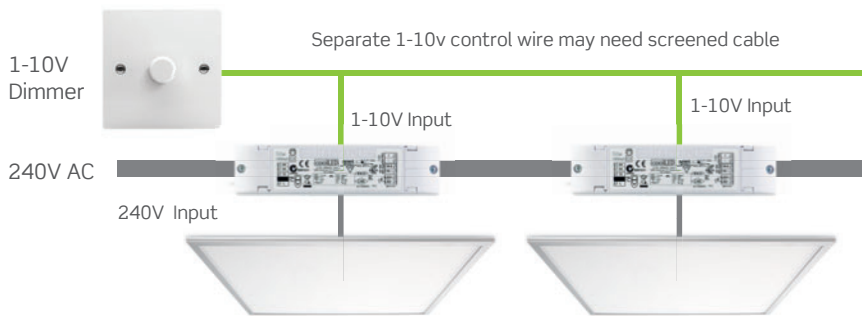
The supply can be cut from:

- The front of the AC wave (leading edge dimming) and/or
- The back edge (trailing edge dimming)



1-10V VOLT ANALOGUE

Uses a separate control wire to notify the driver that the power to the LEDs should be changed. The separate control signal is a direct current (DC) and can be adjusted from 1 up to 10 volts, the voltage level is interpreted by the driver to set the LED power.

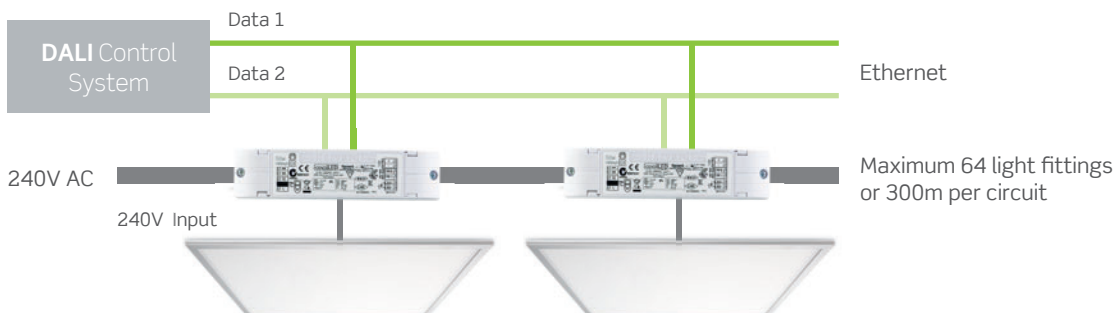


This method of control is a low current system (typically 1mA) meaning it can be run along relatively thin cables with little voltage drop and depending on dimmer manufacturer recommendations, allows for up to 50 LED dimmable drivers on one wall mounted dimmer.

DALI (DIGITAL ADDRESSABLE LIGHTING INTERFACE)

This is a digital communications protocol that was developed for the lighting industry. A separate control wire or BUS is used to send digital information to light fittings and allows the individual light fittings and sensors to communicate with an advanced lighting control system.

Although DALI is a standard protocol beware of mixing components between manufacturers without first testing. Along with the correct LED driver the DALI system requires additional control equipment including DALI BUS controllers, power supplies, sensors and user interfaces.



DSI (DIGITAL SERIAL INTERFACE)

Developed by Tridonic, the driver manufacturer. The specification is simpler than DALI but doesn't have the same general industry support.



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