

Project:	Type:
Product Code:	Date:

V103022



SMALL APERTURE Delivers the ultimate in quiet ceiling designs

PRECISE LOCK COLLAR Eliminates over-cutting and ensures perfect cutout

ARCHITECTURE-GRADE Deep die-cast aluminum knife edge trim provide unmatched precision and exceptionally easy installation

DIMMING COMPATIBILITY GUARANTEED In-house designed integrated driver ensures seamless compatibility with every major lighting control system

OPTICAL

Module

Fixed, Adjustable

Delivered Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W)

Color Quality

93+ CRI, 2-step SDCM

Color Temperature

- 2700K
- 3000K
- 3500K
- 4000K
- Warm Dim (3000–1800K)

Beam Spread

- Narrow Spot (15°)
- Wide Flood (60°)
- Spot (25°)
- Linear Spread
- Flood (40°)

PHYSICAL

Aperture

2"

Application

New Construction, Remodel

Shape

Round

Ceiling Thickness

½" up to 1¼" (New Construction)

⅝" up to 1¼" (Remodel)

TRIMS

Aperture

2"

Shape

Round

Style

Beveled, Wall Wash, Decorative, Flangeless

Finish

White, Black, Bronze, Clear Diffused, Warm Diffused, Custom

ELECTRICAL & CONTROLS

Input Voltage

120 / 277V

1% Dimming

TRIAC/ELV, 0-10V

RATINGS

Housing

- IC (Insulation Contact) Rated
- ASTM E283 Certified Air Tight
- Chicago Plenum

Module and Trim

- UL Listed for Wet Location
(Fixed Module with Flanged Trim only)





PRODUCT BUILDER

HOUSING

PRODUCT CODE		APPLICATION		SHAPE	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
X2	2" Housing	NC	New Construction	R	Round
		CP	Chicago Plenum		
		RM	Remodel		

MODULE

PRODUCT CODE		LUMENS		CRI		CCT		BEAM SPREAD		DIMMING	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
iXMD	Fixed	07	750 lm	9	93+ CRI	27	2700K	NS	Narrow Spot (15°) ³	T	TRIAC/ELV
iXMA	Adjustable	10	1000 lm			30	3000K	SP	Spot (25°)		
		12	1250 lm ¹			35	3500K	FL	Flood (40°)		
						40	4000K	WF	Wide Flood (60°) ¹		
						3W	Warm Dim ²	LS	Linear Spread		

TRIM

PRODUCT CODE		SHAPE		TYPE		STYLE		FINISH		OPTION	
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
X2T	2" Trim	R	Round	D	Fixed ¹	S	Beveled	WH	White	[Blank]	None
				A	Adjustable ³	W	Wall Wash ^{1,4}	BK	Black	FL	Flangeless ^{5,6}
								BZ	Bronze	DO	Decorative: Open ^{1,4,7,8,9}
								CW	Clear Diffuse, White Flange	DH	Decorative: Hyperbolic ^{1,4,7,8,9}
								WW	Warm Diffuse, White Flange		
								CC	Custom Color		

X2KRMUD	Flangeless Mud Kit <i>(Required for Flangeless Trim in drywall ceilings)</i>
X2KRWOOD	Flangeless Wood Kit <i>(Required for Flangeless Trim in wood ceilings)</i>
X2KRTEMPLATE	Wood Template <i>(Recommended for Flangeless Trim in wood ceilings)</i>

¹ Only available for Fixed module

² Only available in 1000 lm; Not available in Narrow Spot for Adjustable module and Spot for Fixed module

³ Only available for Adjustable module

⁴ Only available for Wide Flood beam spread

⁵ Only available in White, Black, Bronze or Custom Color finish

⁶ Requires Flangeless Mud Plate

⁷ Only available in White finish

⁸ Only available in Beveled style

⁹ Only available for 750 lm



PRODUCT BUILDER

OPTICS ACCESSORIES

PRODUCT CODE	
<input type="text"/>	
X2ODSP	Downlight Spot (25°)
X2ODFL	Downlight Flood (40°)
X2ODWF	Downlight Wide Flood (60°)
X2ODLS	Downlight Linear Spread
X2OANS	Adjustable Narrow Spot (15°)
X2OASP	Adjustable Spot (25°)
X2O AFL	Adjustable Flood (40°)
X2OALS	Adjustable Linear Spread

MODULE



iXMD

Fixed Module

SUMMARY

LED CHIP: Cree

DELIVERED MODULE LUMENS: 750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W)

EFFICACY: 79 lm/W, 80 lm/W, 87 lm/W

COLOR QUALITY: 93+ CRI, 2-step SDCM

CCT: 2700K, 3000K, 3500K, 4000K

BEAM SPREAD: Spot (25°), Flood (40°), Wide Flood (60°), Linear Spread

CONNECTOR: 6-pin Molex

INPUT VOLTAGE: 120/277V, 50/60Hz

DIMMING: Down to less than 1% for TRIAC/ELV at 120V

MAX INPUT CURRENT (120V): 0.11 amps

MAX INPUT CURRENT (277V): 0.05 amps

POWER FACTOR: Greater than 0.9

TOTAL HARMONIC DISTORTION: Less than 20%

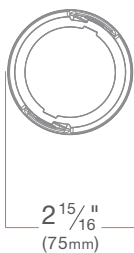
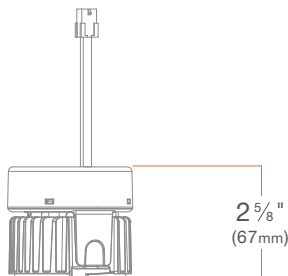
AMBIENT OPERATING TEMPERATURE: -20°C to 40°C

PHOTOMETRIC TESTING: Tested in accordance to IESNA LM-79-2008

LISTINGS: ENERGY STAR® qualified*, California Title 24 2019 JA8 compliant, UL Listed for Wet Location (with flanged trims only), UL Certified US-CA, Declare

LIFETIME: 50,000 hours at 70% lumen maintenance

WARRANTY: 10 year limited warranty



WARM DIM OPTION

LED: Bridgelux LED, **DELIVERED MODULE LUMENS:** 1000 lm (12.0W),

EFFICACY: 83 lm/W, **CCT RANGE:** 3000K - 1800K, **MAX INPUT**

CURRENT (120V): 0.11 amps, **MAX INPUT CURRENT (277V):** 0.047 amps

*Refer to ENERGY STAR Certified light fixtures database

MODULE



iXMA

Adjustable Module

SUMMARY

ADJUSTMENT: 360° directional aim, 35° tilt

SLOPE CEILING COMPATIBILITY: up to 35° tilt

LED CHIP: Cree

DELIVERED MODULE LUMENS: 750 lm (9.5W), 1000 lm (12.5W)

EFFICACY: 82 lm/W

COLOR QUALITY: 93+ CRI, 2-step SDCM

CCT: 2700K, 3000K, 3500K, 4000K

BEAM SPREAD: Narrow Spot (15°), Spot (25°), Flood (40°), Linear Spread

CONNECTOR: 6-pin Molex

INPUT VOLTAGE: 120/277V, 50/60Hz

DIMMING: Down to less than 1% for TRIAC/ELV at 120V

MAX INPUT CURRENT (120V): 0.11 amps

MAX INPUT CURRENT (277V): 0.05 amps

POWER FACTOR: Greater than 0.9

TOTAL HARMONIC DISTORTION: Less than 20%

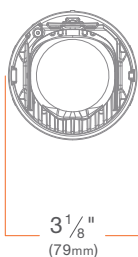
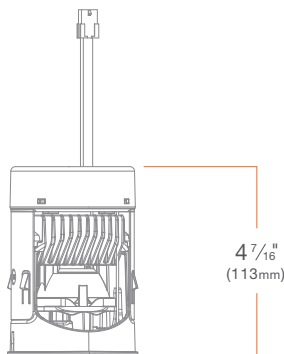
AMBIENT OPERATING TEMPERATURE: -20°C to 40°C

PHOTOMETRIC TESTING: Tested in accordance to IESNA LM-79-2008

LISTINGS: ENERGY STAR® qualified*, California Title 24 2019 JA8 compliant, UL Listed for Wet Location (with flanged trims only), UL Certified US-CA, Declare

LIFETIME: 50,000 hours at 70% lumen maintenance

WARRANTY: 10 year limited warranty



WARM DIM OPTION

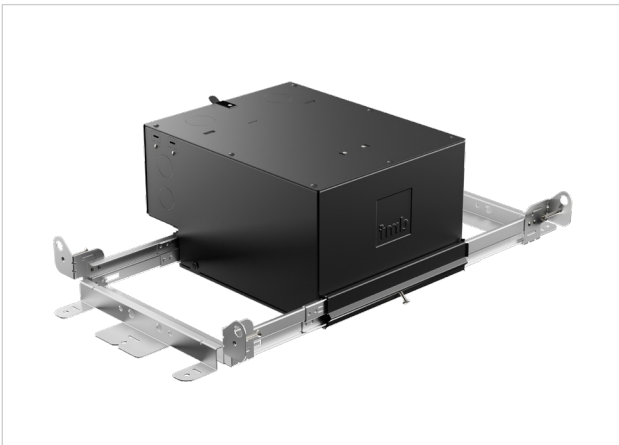
LED: Bridgelux LED, **DELIVERED MODULE LUMENS:** 1000 lm (12.0W),

EFFICACY: 83 lm/W, **CCT RANGE:** 3000K - 1800K, **MAX INPUT**

CURRENT (120V): 0.11 amps, **MAX INPUT CURRENT (277V):** 0.047 amps

*Refer to ENERGY STAR Certified light fixtures database

HOUSING



X Series

New Construction

X2NCR, X2CPR

SUMMARY

JUNCTION BOX: Equipped with four knockouts: two 1/2" trade size knockouts and two romex knockouts. Approved for 8 (four in, four out) #12 AWG 70°C.

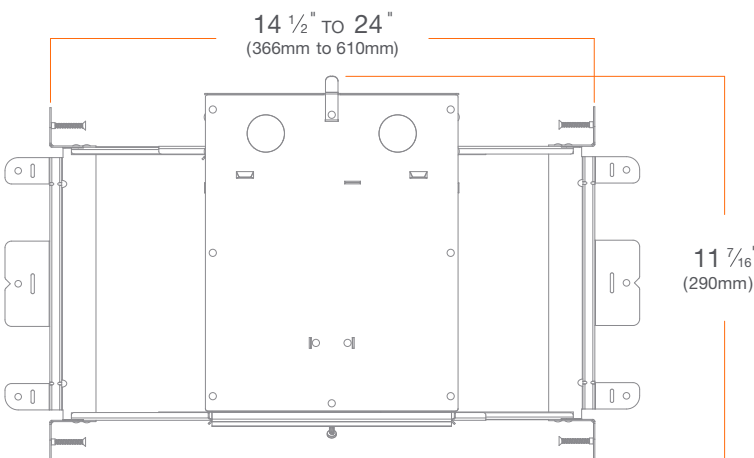
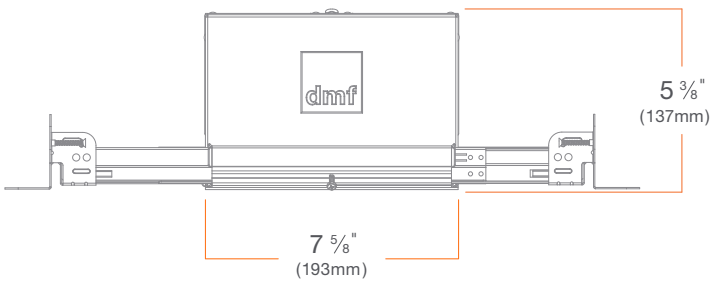
MOUNTING: Pre-installed mounting brackets allow vertical adjustment of bar hangers up to 1 1/4".

CEILING: 1/2" up to 1 1/4"

CUTOUT: 3 1/4" (82mm) round opening

LISTINGS: ASTM E283 certified Air Tight, IC (Insulation Contact) rated, Chicago Plenum

WARRANTY: 5 year limited warranty



HOUSING



X Series

Remodel

X2RMR

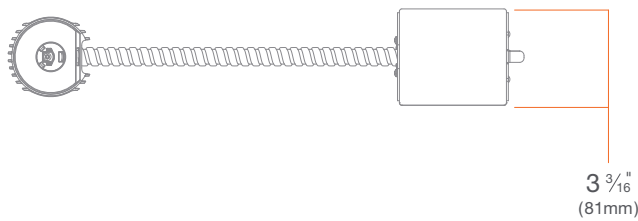
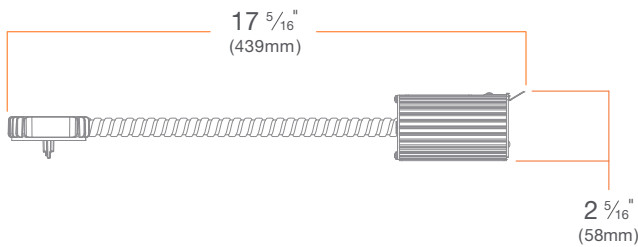
SUMMARY

JUNCTION BOX: Equipped with four knockouts: two 1/2" trade size knockouts and two romex knockouts. Approved for 8 (four in, four out) #12 AWG 70°C.

CEILING: 1/2" up to 1 1/4"

CUTOUT: 3 1/4" (82mm) round opening

WARRANTY: 5 year limited warranty



TRIMS



X Series

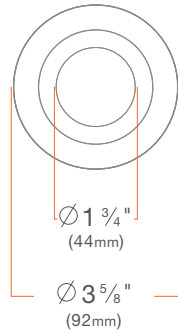
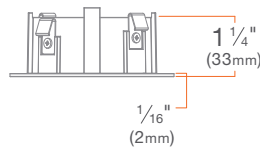
Trims

SUMMARY

CONSTRUCTION: Die-cast aluminum

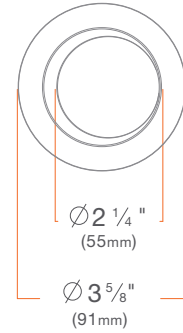
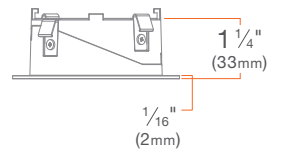
Fixed Downlight Round

X2TRDSWH



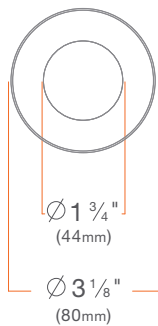
Fixed Downlight Wall Wash

X2TRDWWH



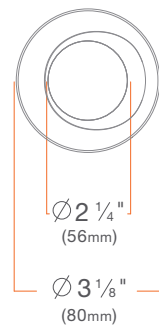
Fixed Downlight Flangeless Round

X2TRDSWHFL



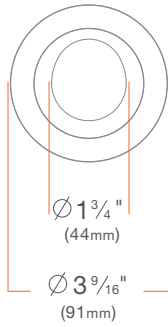
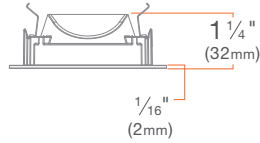
Fixed Downlight Flangeless Wall Wash

X2TRDWWHFL



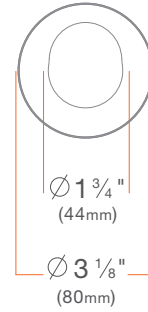
Adjustable Downlight Round

X2TRASWH



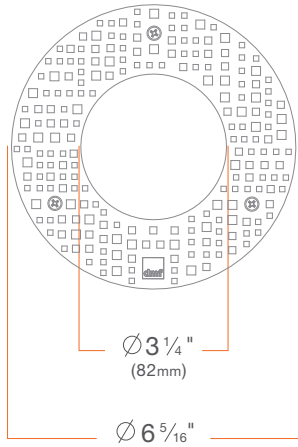
Adjustable Downlight Flangeless Round

X2TRASWHFL



Flangeless Mud Plate

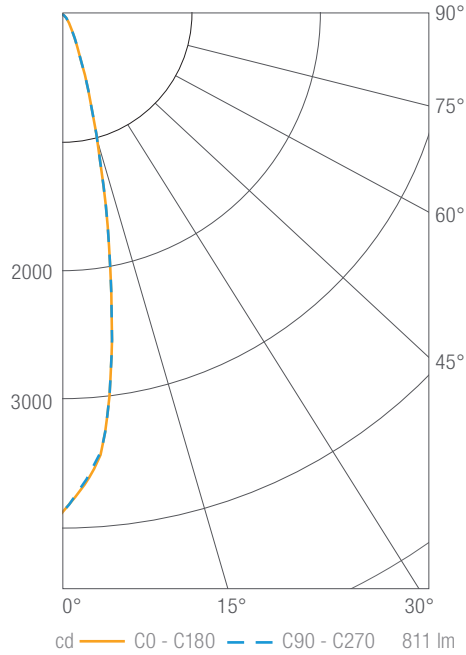
X2KRMUD



PHOTOMETRY

iXMD 750 lm, 3000K, Spot

iXMD07930SPT



Luminous Intensity

Gamma	C 0°
0°	3849
5°	3383
10°	2162
15°	1069
20°	506
25°	260
30°	148
35°	89
40°	56
45°	37
50°	25
55°	17
60°	13
65°	10
70°	7
75°	5
80°	3
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	700	86
0-40	754	93
0-60	795	98
0-90	810	100
0-180	811	100

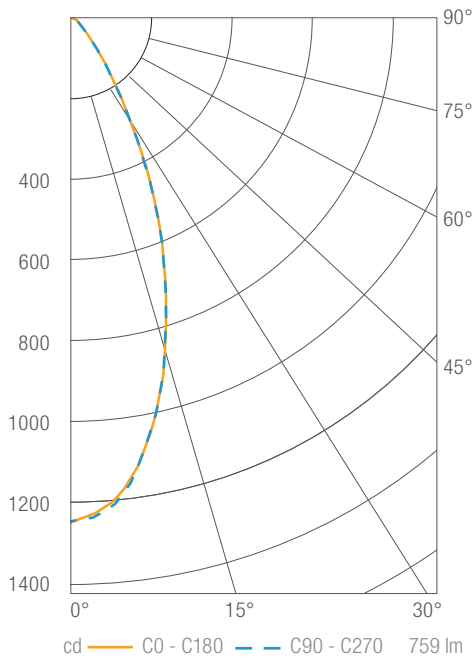
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	428	1.2'
6'	107	2.3'
9'	48	3.5'
12'	27	4.6'

Beam Angle: 22°

iXMD 750 lm, 3000K, Flood

iXMD07930FLT



Luminous Intensity

Gamma	C 0°
0°	1250
5°	1211
10°	1078
15°	890
20°	682
25°	472
30°	288
35°	165
40°	90
45°	53
50°	35
55°	25
60°	20
65°	15
70°	12
75°	8
80°	5
85°	3
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	567	75
0-40	670	88
0-60	733	97
0-90	756	100
0-180	759	100

Illuminance Chart

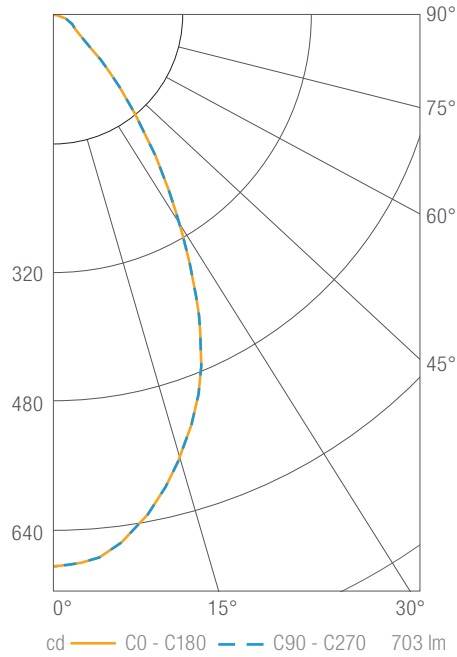
Distance from LED	Foot Candles	Diameter
3'	139	2.3'
6'	35	4.7'
9'	15	7.0'
12'	9	9.4'

Beam Angle: 43°

PHOTOMETRY

iXMD 750 lm, 3000K, Wide Flood

iXMD07930WFT



Luminous Intensity

Gamma	C 0°
0°	974
5°	959
10°	907
15°	829
20°	736
25°	616
30°	468
35°	332
40°	221
45°	136
50°	81
55°	54
60°	44
65°	35
70°	26
75°	18
80°	11
85°	5
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	417	59
0-40	558	79
0-60	663	94
0-90	699	99
0-180	703	100

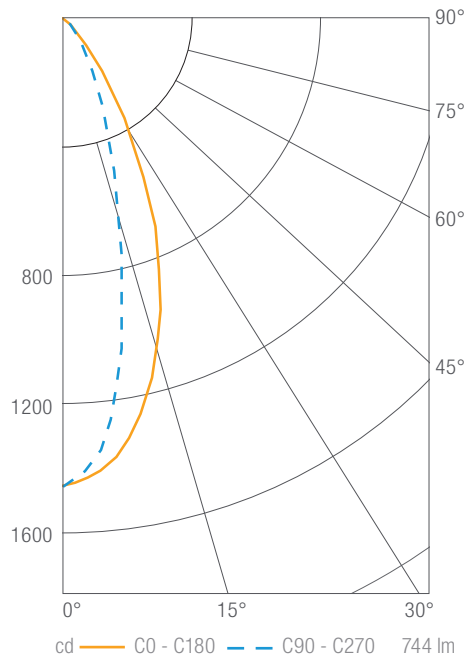
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	76	3.4'
6'	19	6.7'
9'	8	10.1'
12'	5	13.5'

Beam Angle: 59°

iXMD 750 lm, 3000K, Linear Spread

iXMD07930LST



Luminous Intensity

Gamma	C 0°	C 90°
0°	1451	1451
5°	1342	1406
10°	1038	1290
15°	693	1105
20°	434	883
25°	276	651
30°	170	418
35°	109	250
40°	67	137
45°	41	67
50°	25	31
55°	13	14
60°	6	8
65°	3	4
70°	2	2
75°	1	1
80°	0	1
85°	0	0
90°	0	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	577	78
0-40	686	92
0-60	739	99
0-90	743	100
0-180	744	100

Illuminance Chart

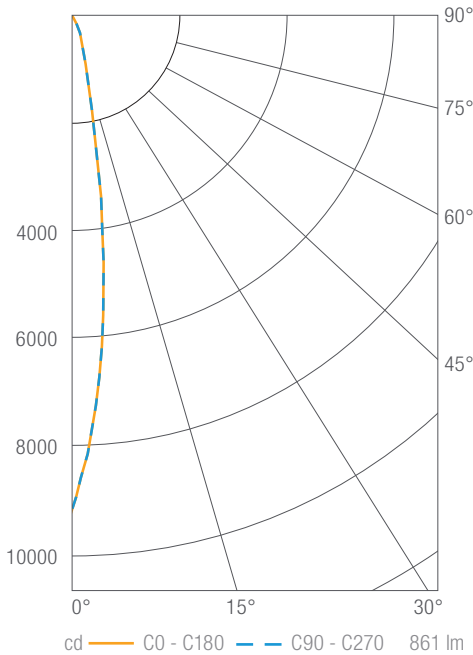
Distance from LED	Foot Candles	Diameter
3'	161	2.6' x 1.5'
6'	40	5.2' x 3.1'
9'	18	7.8' x 4.6'
12'	10	10.4' x 6.2'

Beam Angle: 47° x 28°

PHOTOMETRY

iXMA 750 lm, 3000K, Narrow Spot

iXMA07930NST



Luminous Intensity

Gamma	C 0°
0°	9101
5°	6158
10°	2616
15°	826
20°	418
25°	222
30°	128
35°	73
40°	43
45°	27
50°	16
55°	11
60°	10
65°	8
70°	6
75°	4
80°	3
85°	1
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	785	91
0-40	825	96
0-60	850	99
0-90	860	100
0-180	861	100

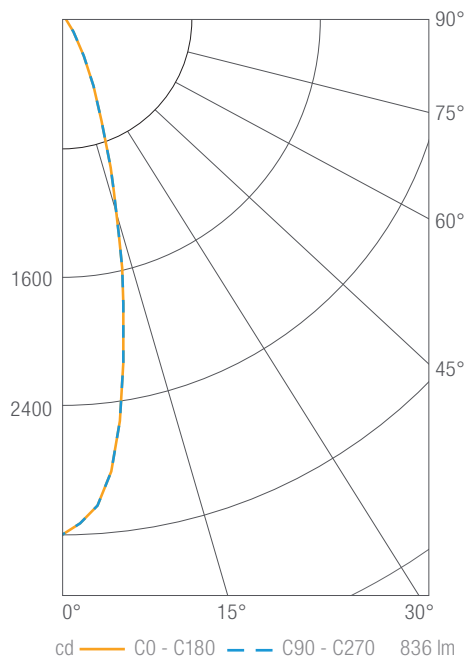
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	1011	0.7'
6'	253	1.5'
9'	112	2.2'
12'	63	3'

Beam Angle: 14°

iXMA 750 lm, 3000K, Spot

iXMA07930SPT



Luminous Intensity

Gamma	C 0°
0°	3199
5°	2956
10°	2179
15°	1318
20°	720
25°	375
30°	190
35°	99
40°	54
45°	32
50°	20
55°	13
60°	12
65°	10
70°	8
75°	5
80°	3
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	736	88
0-40	790	95
0-60	821	98
0-90	834	100
0-180	836	100

Illuminance Chart

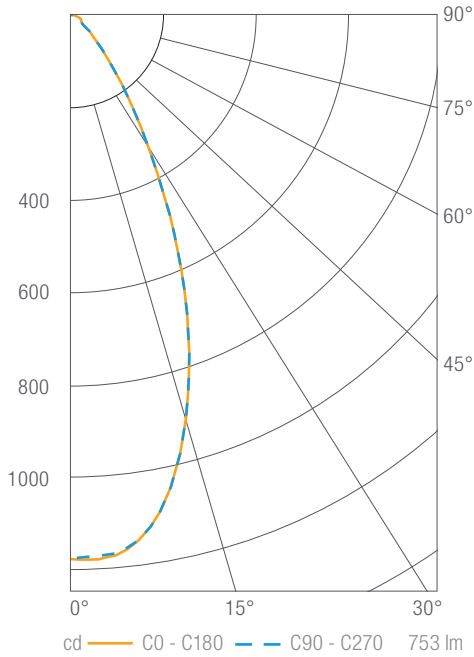
Distance from LED	Foot Candles	Diameter
3'	355	1.4'
6'	89	2.8'
9'	39	4.2'
12'	22	5.6'

Beam Angle: 26°

PHOTOMETRY

iXMA 750 Im, 3000K, Flood

iXMA07930FLT



Luminous Intensity

Gamma	C 0°
0°	1176
5°	1169
10°	1090
15°	937
20°	740
25°	529
30°	338
35°	206
40°	119
45°	64
50°	36
55°	26
60°	23
65°	19
70°	15
75°	10
80°	6
85°	3
90°	1

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	555	74
0-40	664	88
0-60	726	96
0-90	750	100
0-180	753	100

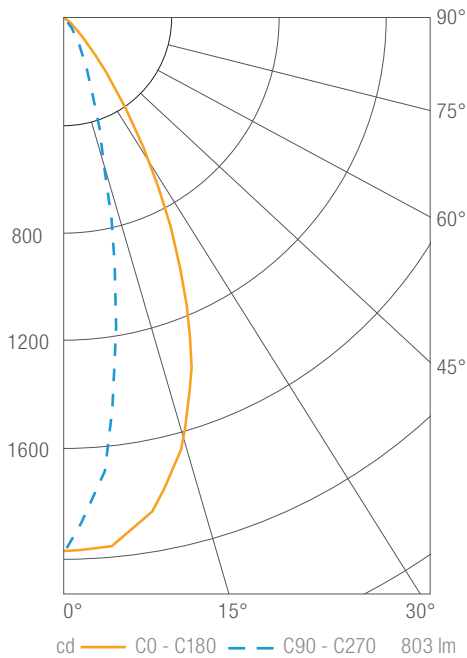
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	131	2.6'
6'	33	5.2'
9'	15	7.8'
12'	8	10.4'

Beam Angle: 47°

iXMA 750 Im, 3000K, Linear Spread

iXMA07930LST



Luminous Intensity

Gamma	C 0°	C 90°
0°	1977	1977
5°	1692	1966
10°	1042	1859
15°	543	1660
20°	294	1373
25°	172	1003
30°	103	629
35°	63	344
40°	36	148
45°	18	46
50°	7	9
55°	1	1
60°	0	0
65°	0	0
70°	0	0
75°	0	0
80°	0	0
85°	0	0
90°	0	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	674	84
0-40	778	97
0-60	802	100
0-90	803	100
0-180	803	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	220	2.8' x 1.2'
6'	55	5.6' x 2.3'
9'	24	8.4' x 3.5'
12'	14	11.2' x 4.6'

Beam Angle: 50° x 22°