

SLOT 1

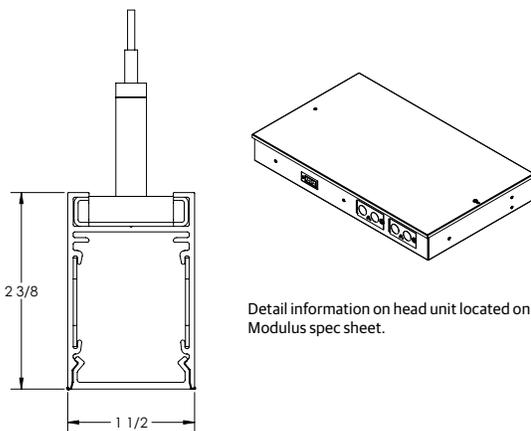
DIRECT PENDANT
POWERED BY MODULUS™

HIGHLIGHTS

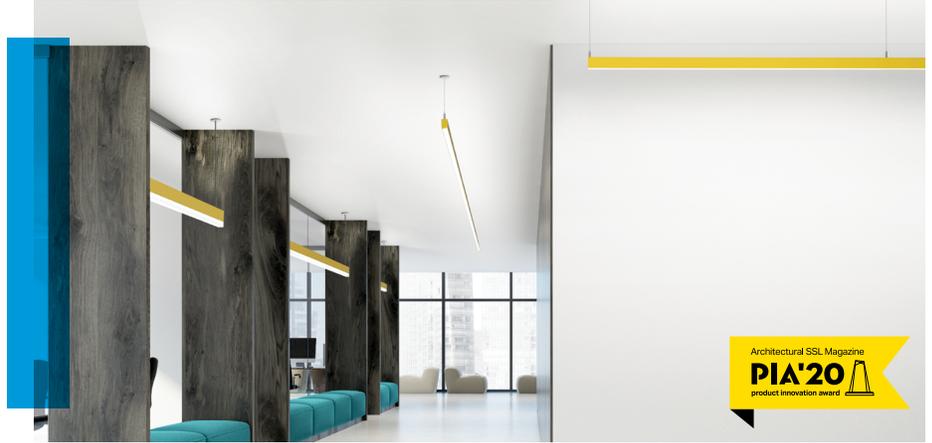
- 200 to 1000 lumens per foot
- Up to 117 Lumens per Watt
- Five direct distributions: Lambertian, Batwing, Wall Wash Wall Graze or Asymmetric
- Multiple lens treatment options include drop and edge view
- Shielding provided by integrated deep cell quiet ceiling baffle
- Powered and controlled by Modulus Remote Driver kit that combines all power and control system inputs into a single feed cord.
- Flicker free dimming to dark (0.01%) enabled by Modulus power and control architecture with integrated digital nLight® module for system networking
- Total System Integration features 5-year limited warranty by Acuity Brands, covers all components and construction
- UGR data available on Page 3

DIMENSIONS

Section View



Detail information on head unit located on Modulus spec sheet.



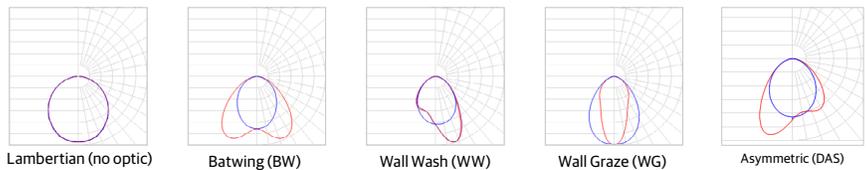
FIXTURE PERFORMANCE

Nominal Lumens/Foot	Direct				
	200LMF	400LMF	600LMF	800LMF	1000LMF
Delivered Lumens/Foot	240	370	550	750	935
Input Watts/Foot*	2.06	3.27	5.08	7.27	9.45
Lumens/Watt	117	113	108	103	99

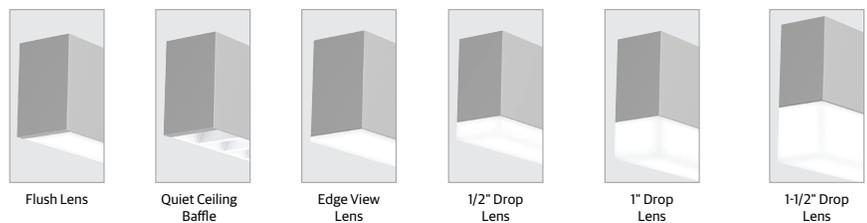
Based on a 4FT 35K fixture with standard lambertian distribution
*See driver box details for wattage consumption per driver box



DIRECT DISTRIBUTION



DIFFUSERS/SHIELDING



ORDERING

Example: S1LD LLP 32FT MSL8 90CRI 35K 800LMF MINI MVOLT WHTT ZT F1/36A RDCY WHTCY WCRD

Series	Plan	Total Run Length	Max Section Length	Direct Light Source Color Rendering	Direct LED Color Temp	Direct LED Light Output	Direct Distribution (Optics)
S1LD Slot 1 Pendant - Direct	LCB Linear center balanced LLP Linear longest possible LSL Longest same length	_FT Specify continuous run length (in whole feet, 2' minimum) Unit length may affect available options. 2' & 3' only available as individual units. For runs longer than 8FT: ALWAYS order the run by the TOTAL RUN LENGTH. Ordering the sections individually will not provide the correct joining hardware to allow connection in the field.	MSL2 2' MSL3 3' MSL4 4' MSL5 5' MSL6 6' MSL7 7' MSL8 8'	90CRI 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	200LMF 200 lumens per FT 400LMF 400 lumens per FT 600LMF 600 lumens per FT 800LMF 800 lumens per FT 1000LMF 1000 lumens per FT _LMF # lumens per FT Limited to 200LMF - 1000LMF in 50LMF increments	(blank) Standard lambertian distribution WW Wallwash distributions WG Wall graze distribution DBW Direct Batwing distribution DAS Direct Asymmetric Distribution

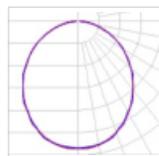
Minimum Dimming Level	Direct Shielding	Voltage	Finish	Emergency Options	Control Input
MINI Constant current, dimming to 1% DARK Constant current, dimming to 0.1%	(blank) Flush lens QCBFW Quiet ceiling baffle, white QCBFB Quiet ceiling baffle, black QCBFS Quiet Ceiling Baffle, Specular Silver DRP05 1/2" Drop lens DRP1 1" Drop lens DRP15 1 1/2" Drop lens EGLD Edge View direct lens No shielding options available with WW, WG, DBW, DAS, optics	MVOLT Multi-volt, 120-277 120 120V 277 277V 347 347V 347V is not available with E35INV, E50INV, EC, WEC.	WHTT White (Satin) BLKT Black (Satin) SLVT Silver (Satin) RALTB RAL paint finishes RALTB is for pricing only. Replace with applicable RAL number & finish when placing order.	(blank) No Emergency Options E35INV 35W Micro inverter E50INV 50W Micro Inverter (Not California Title 20 (T20) Compliant.) WEC Emergency circuit for entire run _EC # of emergency circuits MVOLT is not available with E35INV & E50INV. Use E50INV unless T20 compliance is required; then use E35INV. See Modulus spec sheet for more details.	ZT* 0-10V control NLIGHT nLight enabled NLTAIR2 nLight AIR (wireless) enabled DALI DALI compatible ECOI Lutron Ecosystem Interface ZT is only available with 2 zones. ECOI is not available with E35INV or E50INV. *With ZT, head unit intended for installation on an unswitched circuit. Fixture sections will turn on at variable times if head unit is powered up on a switched circuit.

Primary Sensor	Secondary Zone	Tertiary Zone	Mounting Type	Overall Suspension
(blank) Select if single zone NS_ Select if multi-zones required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture. _VPIR15 ADC* Vertex Daylight Dimming Sensor Not available with ZT and DCT. Not available with NLTAIR2. *Only available with NLIGHT. Not available with DRP05, DRP1, DRP15 or EGLD. Not available with Secondary or Tertiary zones. Only 1 sensor per fixture section.	(blank) Select if single zone SNS_ Select if secondary zone is required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture. Not available with ZT and DCT. Not available with NLTAIR2.	(blank) Select if single zone TNS_ Select if tertiary zone is required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture. Not available with ZT and DCT. Not available with NLTAIR2.	F1/ T-bar ceiling (universal mounting bracket) F1A/ T-bar ceiling (UMB with integrated J-box) F2/ Hard ceiling (horizontal J-box)	36A 36" adjustable 72A 72" adjustable 144A 144" adjustable *Measured from ceiling to bottom of luminaire.

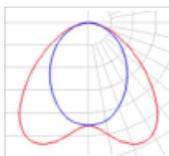
Canopy Form	Canopy Color	Cord Color	Options
RDCY Round Canopy SQCY Square Canopy	BLKCY Black canopy WHTCY White canopy SLVCY Silver Canopy	WCRD White cord BCRD Black cord	(blank) No Option MCS 5" support canopy to match feed canopy

For additional information on Modulus head unit and emergency options, reference [Modulus spec sheet](#).

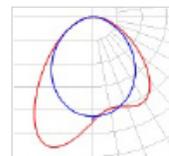
PHOTOMETRICS



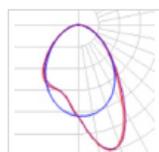
Test Report: ISF 201609P73
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF
Lumens: 3732.4
Wattage: 37.82
Efficacy: 98.69



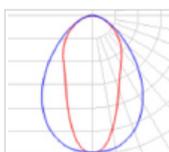
Test Report: ISF 201590P73
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF DBW
Lumens: 2992
Wattage: 37.82
Efficacy: 79.11



Test Report: 13706636.01P93
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF DAS
Lumens: 3038.5
Wattage: 37.82
Efficacy: 80.34



Test Report: ISF 201614P73
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF WW
Lumens: 3362.3
Wattage: 37.82
Efficacy: 88.90



Test Report: ISF 201613P73
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF WG
Lumens: 3403.9
Wattage: 37.82
Efficacy: 90.00264

EXPECTED LIFE: L90 @ 60,000 HOURS
CALCULATED LIFE: L80 @ 120,000 HOURS

CCT SCALING CHART

CCT	CRI	MULTIPLIER
27K	90CRI	1
30K	90CRI	1.02
35K	90CRI	1.04
40K	90CRI	1.05
50K	90CRI	1.02

Lumen scaling charts can be used to approximate the lumen values at different Kelvin temperatures, color rendering indices, optics or shielding. Example: Calculating the lumen change by adding the QCBFW baffle. Lumen output for S1LD 4FT 1000LMF 35K; $3732.4 \times 0.81 = 3023.24$ lumens

OPTICAL SCALING CHARTS

DOWNLIGHT	
DISTRIBUTIONS	MULTIPLIER
LAMBERTIAN	1
DBW	0.8
DAS	0.81
SHEILDING	MULTIPLIER
QCBFW	0.81
QCBFB	0.52
QCBFS	0.67
DRP05	1.11
DRP1	1.13
DRP15	1.17
EGLD	1.08

*Base fixture with Lambertian distribution and flush lens

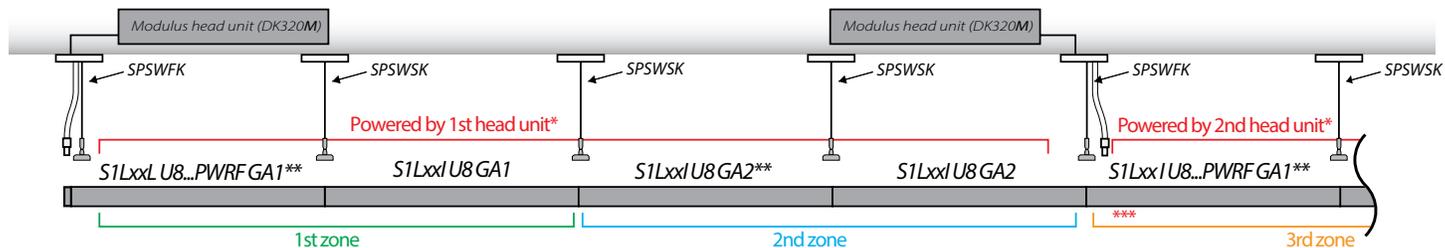
UGR CHART

Lumen Package	UGR (70% 50% 20% REFLECTANCE USING A 4H x 8H ROOM SIZE)										
	Crosswise										
	Lambertian	WW	WG	DBW	DAS	QCBFW	QCBFB	DRP05	DRP1	DRP15	EGLD
200LMF	21.9	19.3	18.9	18.4	19.3	16.2	3.7	18.8	17	16.1	21.7
400LMF	23.4	20.8	20.4	19.9	20.8	17.6	5.2	20.3	18.5	17.6	23.2
600LMF	24.8	22.2	21.8	21.3	22.1	19	6.6	21.7	18.9	19.9	24.6
800LMF	25.9	23.3	22.9	22.3	23.2	20.1	7.7	22.8	21	20	25.6
1000LMF	26.6	24	23.6	23.1	24	20.9	8.4	23.5	21.7	20.8	26.4
Lumen Package	Enwise										
	Lambertian	WW	WG	DBW	DAS	QCBFW	QCBFB	DRP05	DRP1	DRP15	EGLD
	200LMF	22.1	19.9	18.7	20.1	21.2	14.4	0	23.1	23.4	23.5
400LMF	23.6	21.4	20.2	21.6	22.7	15.9	1.2	24.5	24.9	25	24.1
600LMF	25	22.7	21.6	23	24.1	17.2	2.6	25.9	26.4	26.3	25.5
800LMF	26	23.8	22.7	24	25.2	18.3	3.6	27	27.3	27.5	26.6
1000LMF	26.8	24.6	23.4	24.8	25.9	19.1	4.4	27.8	28.1	28.2	27.4

***UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR" and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.

REMOTE MODULUS POWER AND CONTROL UNIT

RUN LAYOUT



*Number of fixtures that can be powered by a single head unit is a function of lumen package and desired control zones.

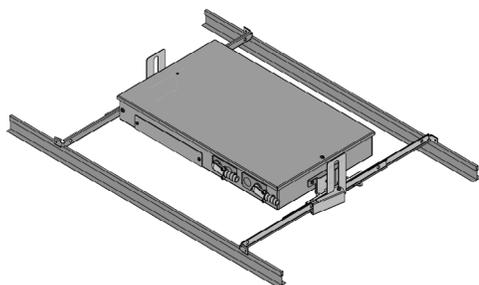
** Fixture zoning is done by digitally addressing drivers in the fixture - for example, "GA1" in the nomenclature means the drivers are factory-programmed to the first zone. Care should be taken when installing to place fixtures in the correct zone according to job drawings. Zone #'s restart at each new head unit.

*** Fixtures on separate head units should not be connected together - this is prevented by an FS/L or FS/R fixture having a harness connector that's incompatible with the right (or left) end harness on a standard fixture.

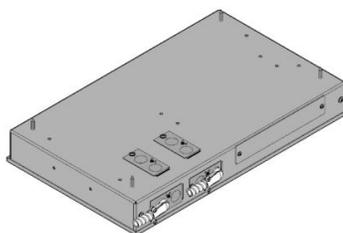
ELEVATION VIEW
TYPICAL LUMINAIRE LAYOUT
(*HANGING POINTS CAN VARY BASED ON CONFIGURATIONS)

Control Types and Available Zones per Head Unit					
Control type	Max addressable zones	nLight devices	Max sensors	nLight devices consumed with max sensors	Fixture zoning method
nLight	16	17	5	22	Field programmed - Sensorview
Dali ¹	16	-	0	-	Field programmed - 3rd party DALI commissioning tool
ZT (0-10)	2	-	0	-	Factory programmed - use NS, SNS fields in order
ECO1 ³	1	-	0	-	N/A (only one zone available)
NLTAIR2 ²	1	-	0	-	N/A (only one zone available)
TUWH NLT	8	17	5	22	Field programmed - Sensorview
TUWH ZT	1	-	0	-	N/A (only one zone available)
NLTAIR2 with ZT ⁴	2	-	0	-	Factory programmed - Use NS, SNS fields in order
NLTAIR2 with TUWH ZT ⁴	1	-	0	-	N/A (only one zone available)

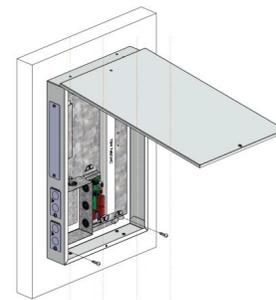
1. Class 1 DALI with no internal isolation from fixture run. Requires user-supplied DALI master controller and power supply
2. Uses factory-installed internal single-channel rIO with external antenna.
3. Internal EcoSystem to 0-10 Interface.
4. Requires 2x user-installed external rPP20D with 0-10V wiring into a standard ZT-type head unit. Order ZT or TUWH ZT fixtures and rPP separately



F1 GRID MOUNT
(Unpainted)



F2 CEILING MOUNT
(Painted to match fixture housing)



F2 WALL MOUNT
(Painted to match fixture housing)

REMOTE MODULUS POWER AND CONTROL UNIT

Each Modulus remote driver kit can power up to 32 linear feet of luminaires. Use tables to calculate the number of remote driver units needed in a run or pattern by finding the intersection between your direct and indirect lumen outputs (If Indirect or Direct only, use the zero to represent the direction not applicable.) Modulus units can be a maximum of 50 feet from the mounting junction box.

These tables indicate 1 Head Unit required for the identified run length in feet.

SLOT 1 DK320M Head Unit Maximum Run Length							
		Indirect					
Direct	LMF	0	400	600	800	1000	1200
	0	N/A	32	32	32	32	32
	200	32	32	32	32	32	28
	400	32	32	32	32	28	24
	600	32	32	32	28	24	24
	800	32	32	28	24	24	20
	1000	32	28	24	24	20	18

SLOT 1 DK75M Head Unit Maximum Run Length (also with E35INV or E50INV)							
		Indirect					
Direct	LMF	0	400	600	800	1000	1200
	0	N/A	25	15	11	8	7
	200	32	14	10	8	6	5
	400	20	11	8	7	6	5
	600	12	8	7	6	5	4
	800	9	6	5	5	4	3
	1000	6	5	4	4	3	3

SLOT 1 DK320M with E35INV Head Unit Maximum Run Length							
		Indirect					
Direct	LMF	0	400	600	800	1000	1200
	0	N/A	23	21	18	16	14
	200	31	21	18	16	15	13
	400	21	17	16	14	13	12
	600	18	15	14	13	12	11
	800	16	13	12	11	11	10
	1000	13	12	11	10	10	9

SLOT 1 DK320M with E50INV Head Unit Maximum Run Length							
		Indirect					
Direct	LMF	0	400	600	800	1000	1200
	0	N/A	32	32	29	26	23
	200	32	32	30	27	24	21
	400	32	28	25	23	21	19
	600	30	24	22	21	19	18
	800	25	21	20	19	17	16
	1000	22	19	18	17	16	15

MOST COMMON MOUNTING TYPES AND OPTIONS Options available for this specific luminaire are checked in the boxes below.

Mounting Type

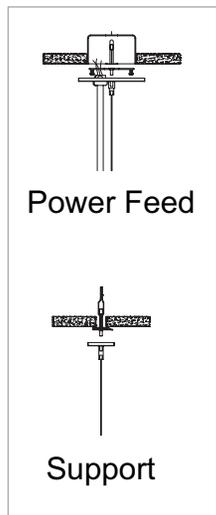
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface mount horizontal J-box applications.
- F1A/** For use with most T-Bar grid ceilings. Designed for on-grid applications. Comes complete with J-box with built-in cutout to go over grid

Mounting Options

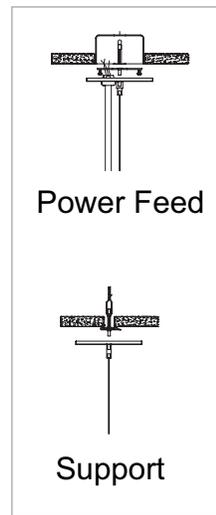
- MCS** MCS canopy supplies 5" canopy to match feed point canopy size. Matching canopy at support for aesthetics.

✓ Indicates mounting options available with this luminaire.

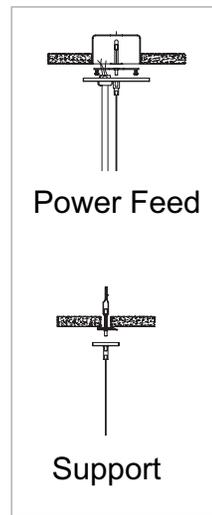
✓ F1/



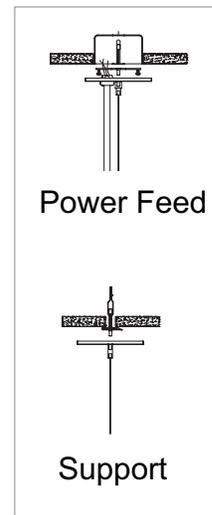
✓ F1/ ordered with MCS



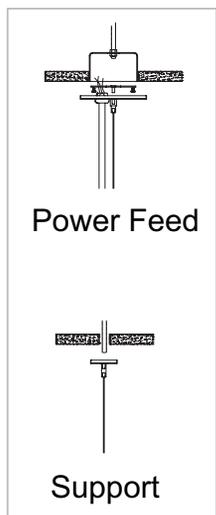
✓ F1A/



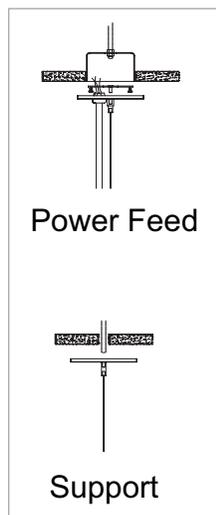
✓ F1A/ ordered with MCS



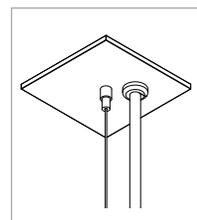
✓ F2/



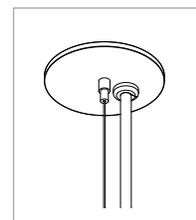
✓ F2/ ordered with MCS



Single Feed Points

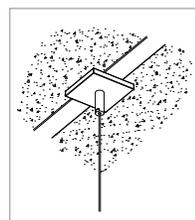


5" Square

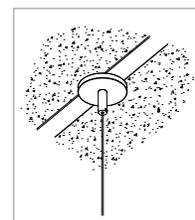


5" Round

Non-Feed Points for T-Bar Mounting



2" Square
(5" square with MCS option)



2" Round
(5" round with MCS option)

LINEAR PLAN

Mark Lighting offers the ability to provide a continuous run plan to suit your requirements by optionally offering three different methods of configuration.

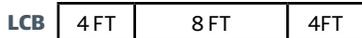
LLP- Linear Longest Possible

In this configuration, the longest length available is optimized, resulting in the fewest segments and mounting locations. Caution should be used where balanced appearance is a concern. Example: 20 FT run would have 2, 8 FT segments and 1, 4 FT segment at the end of the run.



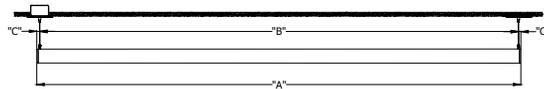
LCB- Linear Center Balanced:

This configuration incorporates the longest center segment(s) along with any additional lengths required to fill the run length, added to the run ends. Example: 16 FT run would have 2, 4 FT segments (one at each end) and 1, 8 FT segment in the center.

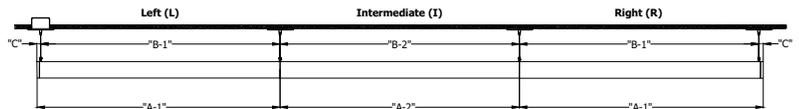


LSL- Linear Same Length:

In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length and there are mathematical limitations on what overall row lengths can be achieved. Example: 20 FT row would be achieved with 5, 4 FT long segments equaling 20 FT (nominal).



INDIVIDUAL FIXTURES				
ORDERED LENGTH	"A" O.A.L.	"B" O.C.	"C" FROM END	APPROX. WEIGHT
2FT	2'-13/32"	1'-11 13/32"	1/2"	3LBS
3FT	3'-13/32"	2'-11 13/32"	1/2"	5LBS
4FT	4'-13/32"	3'-11 13/32"	1/2"	7LBS
5FT	5'-13/32"	4'-11 13/32"	1/2"	8LBS
6FT	6'-13/32"	5'-11 13/32"	1/2"	10LBS
7FT	7'-13/32"	6'-11 13/32"	1/2"	11LBS
8FT	8'-13/32"	7'-11 13/32"	1/2"	13LBS



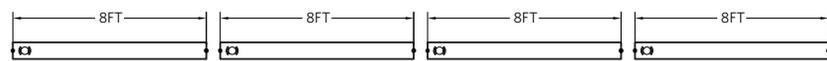
RUN LAYOUT						
ORDERED LENGTH	"A-1" O.A.L.	"A-2" O.A.L.	"B-1" O.C.	"B-2" O.C.	"C" FROM END	APPROX. WEIGHT
4FT	4'-3/16"	4'-0"	3'-11 23/32"	4'-0"	1/2"	7LBS
5FT	5'-3/16"	5'-0"	4'-11 23/32"	5'-0"	1/2"	8LBS
6FT	6'-3/16"	6'-0"	5'-11 23/32"	6'-0"	1/2"	10LBS
7FT	7'-3/16"	7'-0"	6'-11 23/32"	7'-0"	1/2"	11LBS
8FT	8'-3/16"	8'-0"	7'-11 23/32"	8'-0"	1/2"	13LBS

Total Run Length

This system is not modular. Runs longer than 8FT will be automatically configured with left, intermediate and right sections, based on how you specify the TOTAL RUN LENGTH and MAXIMUM SECTION LENGTH parameters in the ordering information. Always order the total run length, not the individual sections.



Example: This run must be ordered as 1pc "SILD LLP 32FT MSL8..."



Example: If you order as 4pcs "SILD LLP 8FT MSL8... you will receive these INDIVIDUAL sections that cannot be joined together

Maximum Section Length

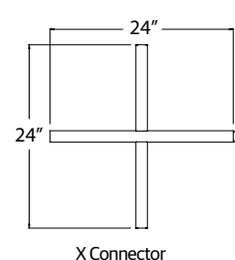
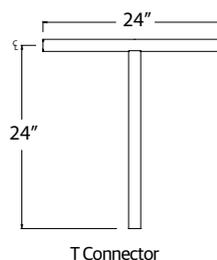
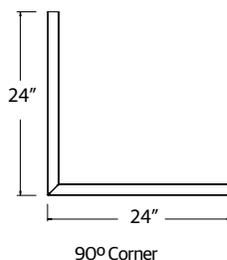
The run will be broken out using as many sections at the chosen MSL length as possible. Shorter sections will then complete the desired run length. Each individual fixture will come with its own Modulus driver kit. Consult factory for projects with small linear runs or multiple individual fixtures to optimize the electrical connections.

Examples:

- SILD LLP 21FT MSL5... = 5FT / 4FT / 4FT / 4FT / 4FT
- SILD LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT
- SILD LLP 21FT MSL7... = 7FT / 7FT / 7FT
- SILD LLP 21FT MSL8... = 8FT / 8FT / 5FT

Patterns

Slot 1 LED patterns can be configured in 1' increments with illuminated 90° standard 2' corners, Ts or Xs. For custom angles, corner or junction lengths, consult factory. See pattern spec sheet for more details.



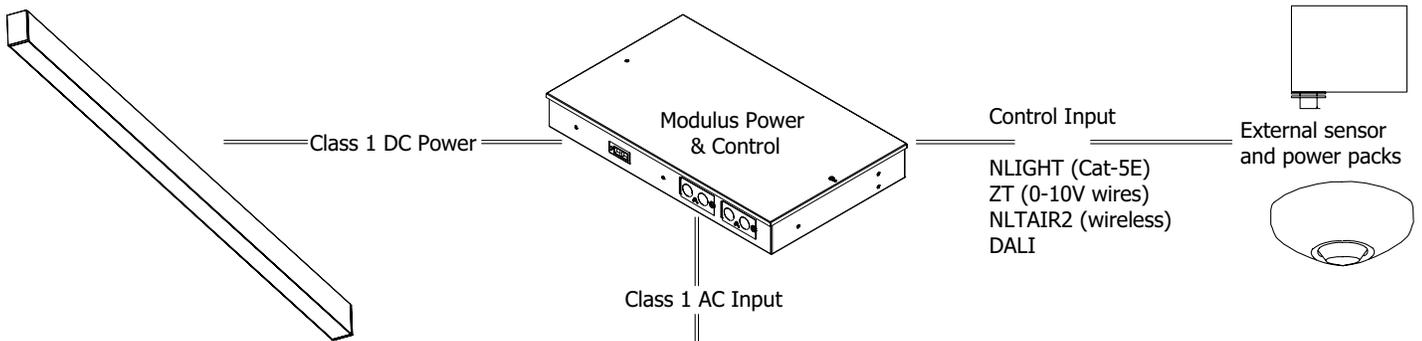
INTELLIGENT LUMINAIRE CHARTS

Choose nomenclature from these columns					
Driver Configurations	Minimum Dimming Level	Control Input	Driver	Dimming Range	Notes
	MIN1	DALI	eldoLED DCDC DUALdrive	100 to 1%	Logarithmic Dimming, DALI controls and power supply supplied by others
	MIN1	ZT	eldoLED DCDC DUALdrive	100 to 1%	Linear Dimming, supplied with leads for two independent zones of 0-10V
	MIN1	NLIGHT	eldoLED DCDC DUALdrive	100 to 1%	Logarithmic Dimming, nIO EZDCA 16Z in head unit
	MIN1	NLTAIR2	eldoLED DCDC DUALdrive	100 to 1%	Logarithmic Dimming, rIO EZDL in head unit with external antenna
	DARK	DALI	eldoLED DCDC DUALdrive	100 to 0.1%	Logarithmic Dimming, DALI controls and power supply supplied by others
	DARK	ZT	eldoLED DCDC DUALdrive	100 to 0.1%	Linear Dimming, supplied with leads for two independent zones of 0-10V
	DARK	NLIGHT	eldoLED DCDC DUALdrive	100 to 0.1%	Logarithmic Dimming, nIO EZDCA 16Z in head unit
	DARK	NLTAIR2	eldoLED DCDC DUALdrive	100 to 0.1%	Logarithmic Dimming, rIO EZDL in head unit with external antenna
	Control + Sensor Configuration	Control	Sensor	Sensor	Notes
	NLIGHT +	VPIR15 ADC =	VERTEX 15F EZ ADC VLP	Only 5 sensors per Modulus driver unit. Zoning reconfigurable via Sensorview software.	

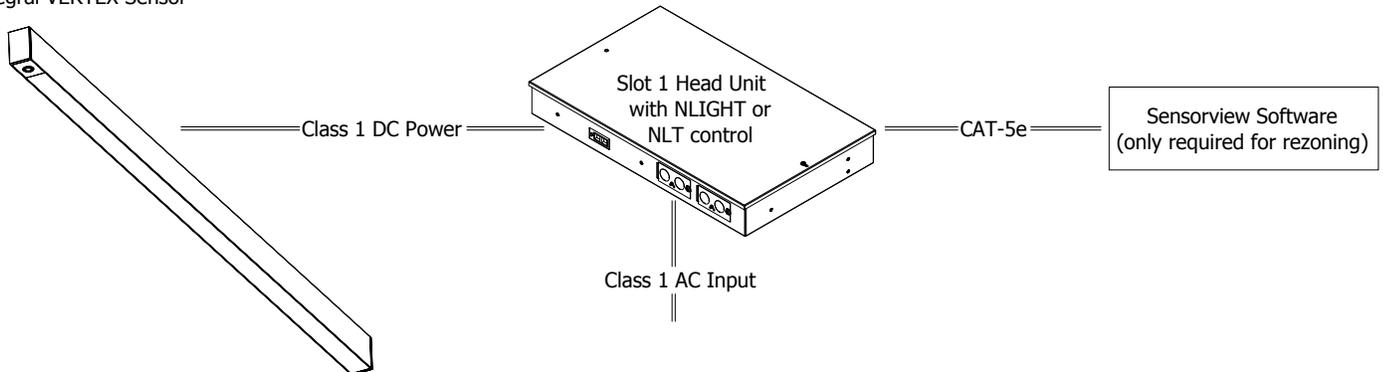
CONTROLS

Remote sensors can be paired with NLIGHT options to control your runs.

SLOT1 Luminaire



Slot 1 Luminaire with Integral VERTEX Sensor



EMERGENCY OPTIONS

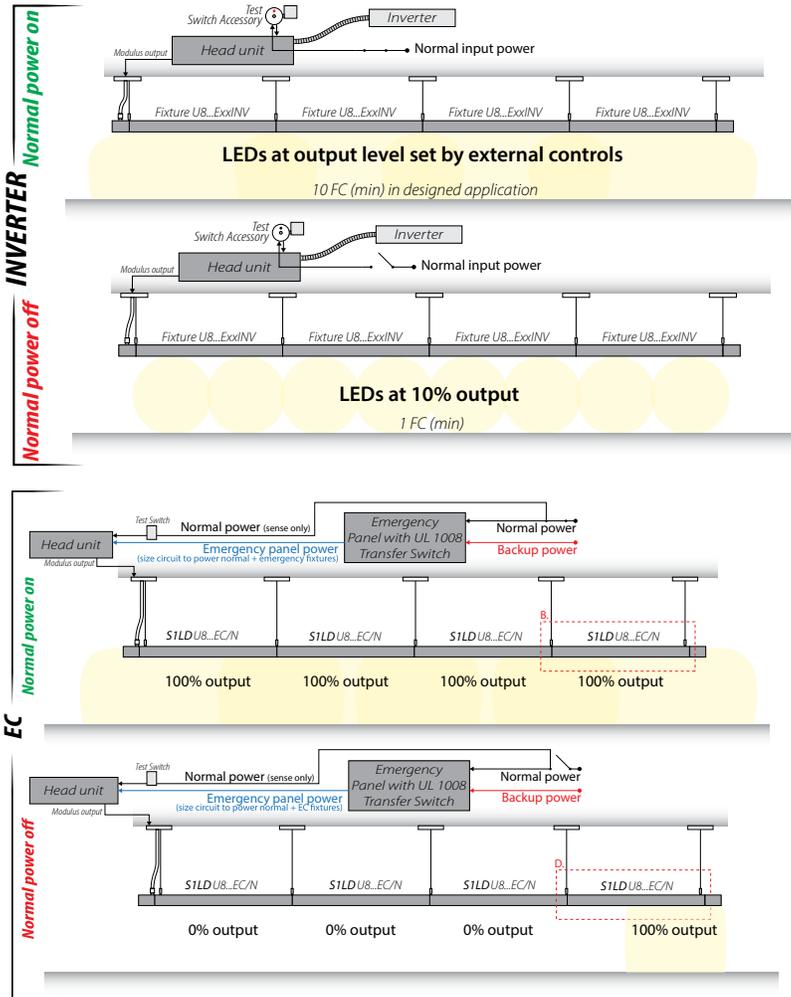
SILD

EC circuits default to the right side 4' section, of an 8' fixture (EC/R) and the complete section of a 4' fixture (EC/L).
Single EC circuit defaults to the last 4' of the run.
Two EC circuits default to the last 4' of the run and the first 4' of the run.
Additional circuits will be added from the end of the run using the last 4' of an 8' fixture or complete 4' fixtures.
Inverter = E35INV (IIS-35-HE) or E50INV (IIS-50-I) Caution: Inverters cannot be ordered separately.

EXAMPLES

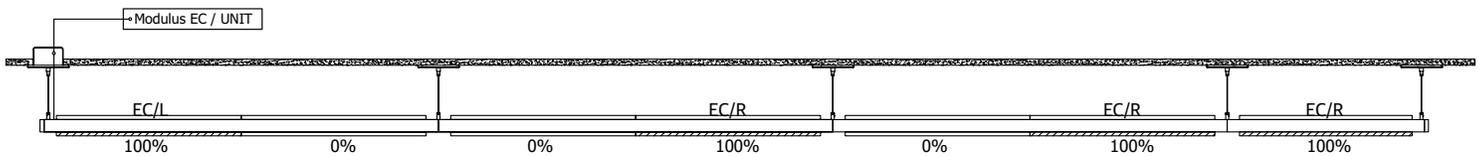
For additional information on Modulus head unit and emergency options, reference [Modulus spec sheet](#).

Emergency System Diagrams



SILD LLP...4EC

Default locations for multiple ECs.



INTEGRATED SENSOR LAYOUT

CORRECT:

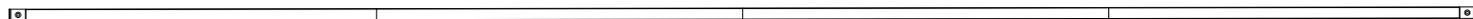
8FT MSL8 run with one sensor on the left VPIR15 ADC



8FT MSL8 run with one sensor on the right VPIR15 ADC



32FT MSL8 run with two sensors - 2VPIR15 ADC



32FT MSL8 run with four sensors - 4VPIR15 ADC



INCORRECT:

8FT MSL8 run with two sensor - 2VPIR15 ADC



Doesn't work because each luminaire supports only one sensor

8FT MSL8 run with one sensor - VPIR15 ADC



Doesn't work because sensor cannot be anywhere besides the ends of the luminaire

NOTES:

- 5 sensors max per Modulus driver unit
- Only 1 sensor per fixture
- Sensors appear as nLight devices and can be re-zoned in the field using Sensorview software
- Factory zoning isn't available with sensors since they can be re-zoned in the field using Sensorview
- Internal sensors are only available with NLIGHT and NLT control types

SPECIFICATIONS

Housing

Nominal 2.375" x 1.5" extruded aluminum housing

Finish

White, Black or Silver powdercoat

Reflector

Formed steel with high reflectance white

Distribution/Shielding

Wall Wash (WW), Wall Graze (WG), and Direct Batwing (DBW) and Direct Asymmetric (DAS), are available to provide precise distribution for specific applications. Shielding is available by using a Quiet Ceiling Baffle (not available with specific optics) that aids in hiding the light source from normal view.

LED Components

Linear: Nichia®- 757 series LED chips (>80 CRI)

Electrical

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 90% LED lumen maintenance at 60,000 hours (L90/60,000).

Modulus™ Remote Power and Control System

Remote power source provides "natural dimming" with smooth, continuous, and flicker-free dimming to dark (0.1%). Syncing for controls: 2mA max.

THD: <10%. Insignificant inrush current at 120 and 277VAC. FCC Class A and B tested for EMI and RFI. When NLIGHT or DALI is specified, driver will be set for logarithmic dimming curve. If control Input of 0-10V is specified driver will be set for linear dimming curve.

Integrated digital nLight® module enables 16-channel wired networking via Cat-5e and daylighting and occupancy detection via internal sensors located in luminaires. The Modulus™ head unit outputs a maximum of 10mA into the nLight® bus. See controls page for internal sensor options.

Each integral nLight® modulus head unit utilizes a maximum of 22 device addresses. nLight® Tunable White head unit utilizes a maximum of 22 device addresses.

Color Consistency

The Acuity Brands circuit boards for the linear LED components use a precise binning algorithm which creates a consistent color temperature from board to board. The color a variation of no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

Driver

eldoLED® driver provides natural dimming with smooth, continuous and flicker-free deep dimming. Supports operation between 120 VAC and 277 VAC, with low inrush current (NEMA 410) and THD < 20%. Meets FCC Title 47 C.F.R. 15 Class A or Class B requirements. Lutron interface module is also available.

Acuity luminaires incorporating eldoLED LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) outlined in IEEE Standard 1789-2015 (IEEE Recommended Practices for Modulating Current in High-Brightness LEDs for Mitigating Health Risks to Viewers), in typical operating conditions at representative dimming levels.

Certification

UL certified to meet US and Canadian standards for UL2108. EC and E35INV options are also certified to meet US standards for UL924. All options meet the requirements for plenum rating per UL2043. Modulus head unit: ROHS compliant, IC rated with F1 mounting style.

Environment

Suitable for damp location.

Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.