

SLOT 1

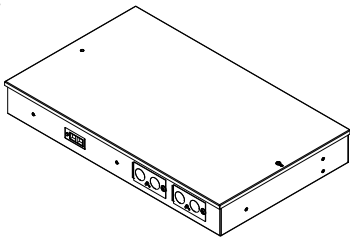
RECESSED
POWERED BY MODULUS™

HIGHLIGHTS

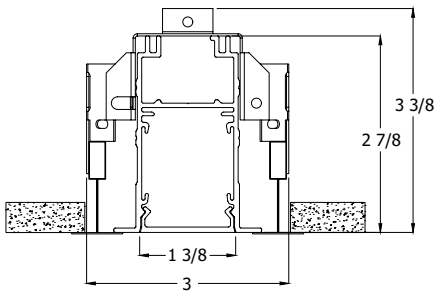
- 200 to 1000 lumens per foot
- Up to 117 Lumens per Watt
- Flush or regressed lens
- Five distributions: Lambertian, Batwing, Wall Wash, Wall Graze or Asymmetric
- Multiple lens treatment options include drop and edge view
- Shielding provided by integrated deep cell quiet ceiling baffle
- Powered and 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.



Architectural SSL Magazine
PIA'20
product innovation award

FIXTURE PERFORMANCE

Nominal Lumens/Foot	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
Lumen/Watt	117	113	108	103	99

Based on a 4ft 35K fixture with standard lambertian distribution

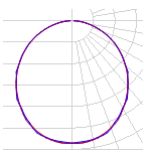
*See Modulus power and control driver kit details for wattage consumption.



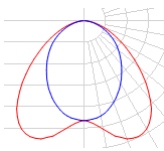
eldoLED



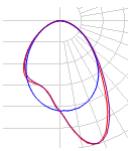
DIRECT DISTRIBUTION



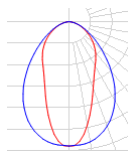
Lambertian (no optic)



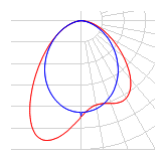
Batwing (DBW)



Wall Wash (WW)



Wall Graze (WG)



Asymmetric (DAS)

DIFFUSERS/SHIELDING



Flush Lens



Quiet Ceiling
Baffle



Edge View
Lens



1/2" Drop
Lens



1" Drop
Lens



1-1/2" Drop
Lens

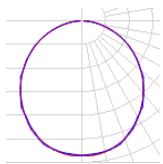
ORDERING

Example: SL1L LOP 32FT TG 90CRI 30K 600LMF MIN1 MVOLT ZT

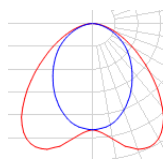
Series		Plan		Total Run Length		Ceiling Trim		Direct Light Source Color Rendering		Direct LED Color Temp		Direct LED Light Output	
SL1L	Slot 1 Recessed	LOP	Linear optimized plan	_FT	Specify continuous run length (in whole feet and inches, i.e. 24FT6 = 24' 6" (2' minimum) Unit length may affect available 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.	TG	Grid ceiling, 9/16" or 15/16" Flat or inverted tee	90CRI	90 CRI	27K	2700K	200LMF	200 lumens per FT
						TGT	Grid Ceiling, Slot or Tegular			30K	3000K	400LMF	400 lumens per FT
						FL	3/8" Flange (sheetrock)			35K	3500K	600LMF	600 lumens per FT
						GB	Trimless (sheetrock)			40K	4000K	800LMF	800 lumens per FT
							*For other ceiling types like wood slate, metal or large form factor tiles, consult factory.			50K	5000K	1000LMF	1000 lumens per FT
												_LMF	# lumens per FT
													Limited to 200LMF - 1000LMF in 50LMF increments
Direct Distribution (Optics)		Minimum Dimming Level		Direct Shielding		Voltage		Trim Finish		Emergency Options			
(blank)	Standard lambertian distribution	MINI	Constant current, dimming to 1%	(blank)	Flush lens	MVOLT	Multi-volt, 120-277	(blank)	White (satin)	(blank)	No Emergency Option		
WW	Wallwash distributions	DARK	Constant current, dimming to 0.1%	RL	Regressed lens	120	120V	XXX/BLKT	Black (satin)	E35INV	35W Micro Inverter		
WG	Wall graze distribution			QCBFW*	Quiet ceiling baffle, white	277	277V	XXX/SLVT	Silver (satin)	E50INV	50W Micro Inverter		
DBW	Direct Batwing distribution			QCBFB*	Quiet ceiling baffle, black	347	347V	XXX/RALTB	RAL paint finishes		(Not California Title 20 (T20) Compliant.)		
DAS	Direct Asymmetric Distribution			QCBFS*	Quiet Ceiling Baffle, Specular Silver		347V is not available with E35INV, E50INV, EC, WEC, GTD.		XXX = Ceiling Trim. Only trims are painted (TG/BLKT).	WEC	Emergency circuit for entire run		
				DRP05	1/2" Drop lens				RALTB is for pricing only. Replace with applicable RAL number & finish when placing order.	_EC	# of emergency circuits		
				DRP1	1" Drop lens						MVOLT is not available with E35INV & E50INV. Use E50INV unless T20 compliance is required; then use E35INV. See Modulus spec sheet for more details.		
				DRP15	1 1/2" Drop lens								
				EGLD	Edge View direct lens								
					No shielding options available with WW, WG, DBW, DAS. DRP05, DRP1 & DRP15 are not available in inch increments. *Baffles available in whole feet or 6 inch increments only								
Control Input		Primary Sensor		Secondary Zone		Tertiary Zone		Option					
ZT*	0-10V control	(blank)	Select if single zone	(blank)	Select if single zone	(blank)	Select if single zone	(blank)	Select if single zone	(blank)	No Option		
NLIGHT	nLight enabled	NS_	Select if multi-zones required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture.	SNS_	Select if secondary zone is required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture.	TNS_	Select if tertiary zone is required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture.			CP	Chicago plenum		
NLTAIR2	nLight AIR (wireless) enabled				Not available with NLTAIR2						CP is not available with FL or GB Ceiling Trim or NLTAIR2.		
DALI	DALI compatible	*_VPIR15ADC	Vertex Passive Infrared occupancy sensor with auto-dimming photocell										
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.		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. Not available on units with inch increments											

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

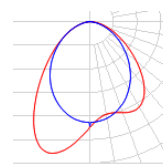
PHOTOMETRICS



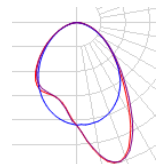
Test Report: ISF 201609P73
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF
Lumens: 3732.4
Wattage: 37.82
Efficacy: 98.69



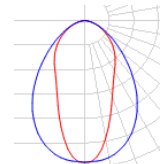
Test Report: ISF 201590P73
IES LM79-08
S1LD 4FT 90CRI 35K 1000LMF DBW
Lumens: 2992
Wattage: 37.82
Efficacy: 79.11



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: 90.0026441

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

OPTICAL SCALING CHARTS

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

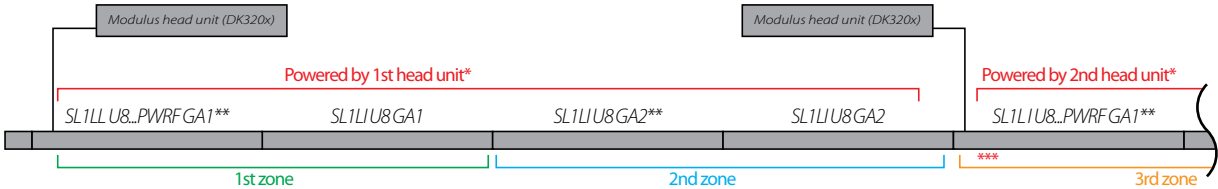
UGR CHART

Lumen Package	UGR (70% 50% 20% REFLECTANCE USING A 4H X 8H ROOM SIZE)											
	Crosswise											
	Lambertian	WW	WG	DBW	DAS	RL	QCBFW	QCBFB	DRP05	DRP1	DRP15	EGLD
200LMF	21.9	19.3	18.9	18.4	19.3	21.2	16.2	3.7	18.8	17	16.1	21.7
400LMF	23.4	20.8	20.4	19.9	20.8	22.7	17.6	5.2	20.3	18.5	17.6	23.2
600LMF	24.8	22.2	21.8	21.3	22.1	24.1	19	6.6	21.7	18.9	19.9	24.6
800LMF	25.9	23.3	22.9	22.3	23.2	25.2	20.1	7.7	22.8	21	20	25.6
1000LMF	26.6	24	23.6	23.1	24	25.9	20.9	8.4	23.5	21.7	20.8	26.4
	Endwise											
	Lambertian	WW	WG	DBW	DAS	RL	QCBFW	QCBFB	DRP05	DRP1	DRP15	EGLD
200LMF	22.1	19.9	18.7	20.1	21.2	17.6	14.4	0	23.1	23.4	23.5	22.7
400LMF	23.6	21.4	20.2	21.6	22.7	19.1	15.9	1.2	24.5	24.9	25	24.1
600LMF	25	22.7	21.6	23	24.1	20.4	17.2	2.6	25.9	26.4	26.3	25.5
800LMF	26	23.8	22.7	24	25.2	21.5	18.3	3.6	27	27.3	27.5	26.6
1000LMF	26.8	24.6	23.4	24.8	25.9	22.3	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

TYPES OF LAYOUT RUN



*Number of fixtures that can be powered by a single head unit is a function of lumen package and desired control zones. See spec sheet for table of feet/head unit.

** 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 FK/L or FK/R fixture having a harness connector that's incompatible with the right (or left) end harness on a standard fixture.

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

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

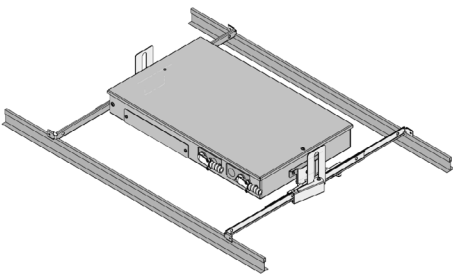
Control Types and Available Zones per Head Unit					
Control type	Max addressable zones	nLight devices	Max sensors	nLight devices consumed with max sensors	Fixture zoning method
nLight	16	17	5	22	Field programmed - Sensorview
Dali ¹	16	-	0	-	Field programmed - 3rd party DALI commissioning tool
ZT (O-IO)	2	-	0	-	Factory programmed - use NS, SNS fields in order
ECO 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

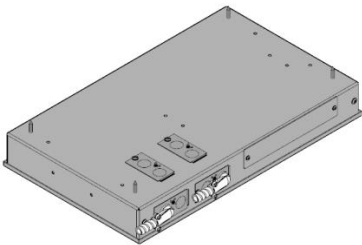
2. Uses factory-installed internal single-channel rIO with external antenna.

3. Internal EcoSystem to O-IO Interface

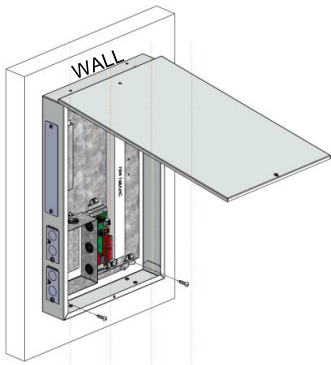
4. Requires 2x user-installed external rPP20D with O-10V wiring into a standard ZT-type head unit. Order ZT or TUWH ZT fixtures and rPP separately



TG/TGT Mount (F1)
(Unpainted)



FL/GB Ceiling Mount (F2)
(Painted to match fixture housing)



FL/GB Wall Mount (F2)
(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. Mounting junction box must be within 6 feet of fixture feed end.

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

SLOT 1 DK320M Head Unit Maximum Run Length							
	Indirect						
	LMF	0	400	600	800	1000	1200
Direct	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
	1200						

SLOT 1 DK75M Head Unit Maximum Run Length (also with E35INV or E50INV)							
	Indirect						
	LMF	0	400	600	800	1000	1200
Direct	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
	1200						

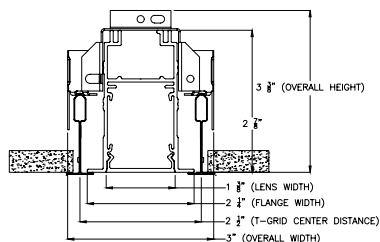
SLOT 1 DK320M with E35INV Head Unit Maximum Run Length							
	Indirect						
	LMF	0	400	600	800	1000	1200
Direct	0	N/A	23	21	18	16	14
	200	31	21	18	16	15	13
	400	21	17	16	14	13	12
	600	18	15	14	13	12	11
	800	16	13	12	11	11	10
	1000	13	12	11	10	10	9
	1200						

SLOT 1 DK320M with E50INV Head Unit Maximum Run Length							
	Indirect						
	LMF	0	400	600	800	1000	1200
Direct	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
	1200						

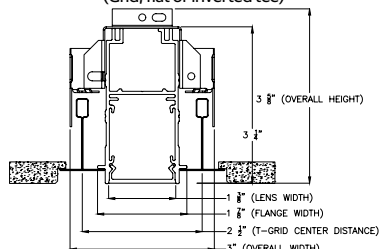
MOST COMMON MOUNTING TYPES AND OPTIONS

*For other ceiling types like wood slate, metal or large form factor tiles, consult factory.

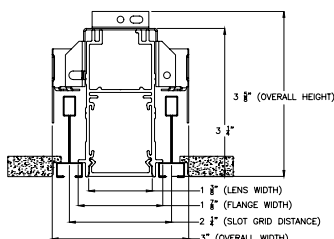
* Junction box (by others) and conduit (by others) must be within 6-feet of fixture feed end and within 50-feet of Modulus head unit.



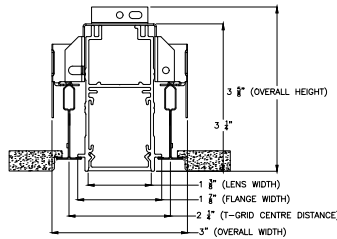
TG, Flush lens
(Grid, flat or inverted tee)



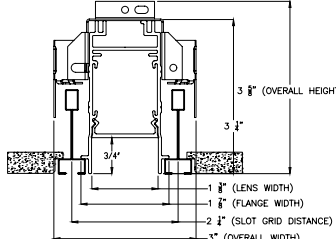
TGT, Flush Lens
(15/16" Grid, Tegal)



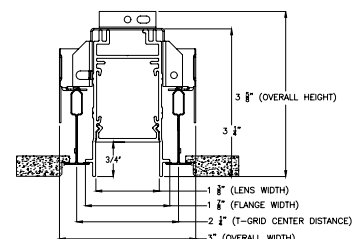
TGT, Flush Lens
(9/16" Grid, Slot)



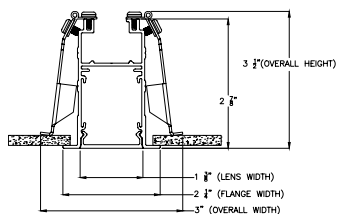
TGT, Flush Lens
(9/16" Grid, Tegal)



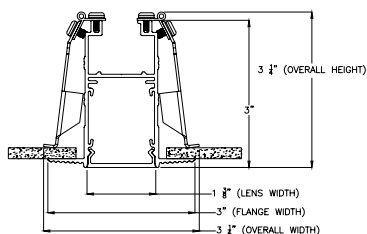
TGT, Regressed Lens
(9/16" Grid, Slot)



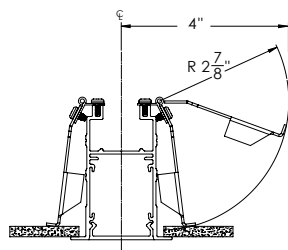
TGT, Regressed Lens
(9/16" Grid, Tegal)



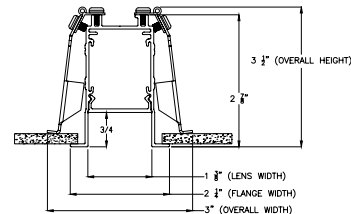
FL, Flush lens
(Sheetrock, flanged)



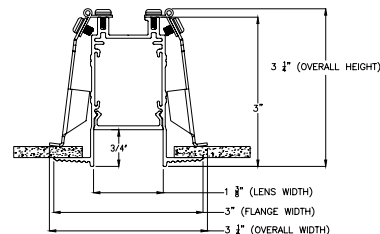
GB, Flush lens
(Sheetrock, trimless)



Required Mount Clearance
(Same for Sheetrock, flanged or trimless)



FL, Regressed lens
(Sheetrock, flanged)

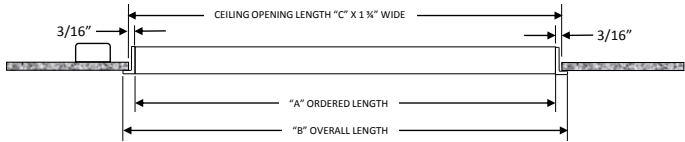


GB, Recessed lens
(Sheetrock, trimless)

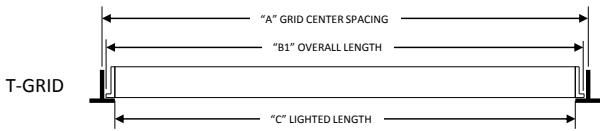
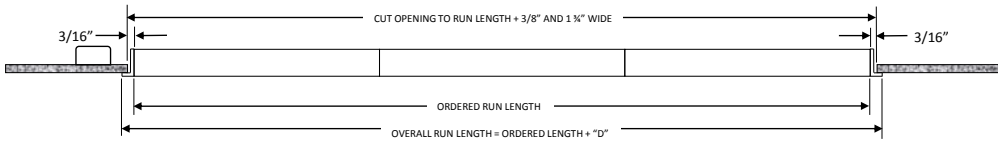
Note: FL and GB trim options can be installed with drywall thicknesses of 3/8" to 5/8" thickness and wood ceiling thicknesses of 3/8" to 1/2".

LINEAR PLAN

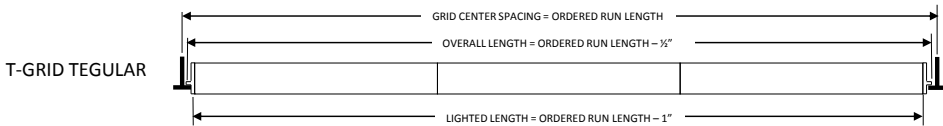
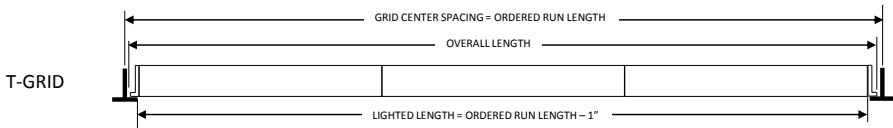
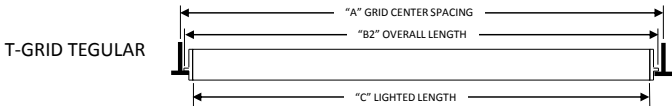
Mark Lighting offers the ability to provide a continuous run plan to suit your requirements by optionally offering three different methods of configuration.



FL & GB Mounting					
	B	B	C	D	
"A" ORDERED LENGTH	FL	GB	FL/GB	FL	GB
2FT	2' 3/4"	2' 1 3/4"	2' 3/8"	3/4"	1 3/4"
3FT	3' 3/4"	3' 1 3/4"	3' 3/8"	3/4"	1 3/4"
4FT	4' 3/4"	4' 1 3/4"	4' 3/8"	3/4"	1 3/4"
5FT	5' 3/4"	5' 1 3/4"	5' 3/8"	3/4"	1 3/4"
6FT	6' 3/4"	6' 1 3/4"	6' 3/8"	3/4"	1 3/4"
7FT	7' 3/4"	7' 1 3/4"	7' 3/8"	3/4"	1 3/4"
8FT	8' 3/4"	8' 1 3/4"	8' 3/8"	3/4"	1 3/4"



TG & TGT Mounting					
	A	B1	B2	C	
ORDERED LENGTH	TG/TGT	TG	TGT	TG/TGT	APPROX. Weight
2FT	2FT	1' 11 3/4"	1' 11 1/2"	1' 11"	3LBS
3FT	3FT	2' 11 3/4"	2' 11 1/2"	2' 11"	5LBS
4FT	4FT	3' 11 3/4"	3' 11 1/2"	3' 11"	7LBS
5FT	5FT	4' 11 3/4"	4' 11 1/2"	4' 11"	8LBS
6FT	6FT	5' 11 3/4"	5' 11 1/2"	5' 11"	10LBS
7FT	7FT	6' 11 3/4"	6' 11 1/2"	6' 11"	11LBS
8FT	8FT	7' 11 3/4"	7' 11 1/2"	7' 11"	13LBS

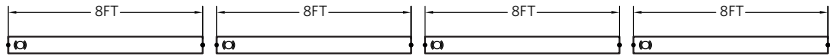


Total Run Length

This system is not modular. Runs longer than 8FT will be automatically configured with left, intermediate and right sections, based on the TOTAL RUN LENGTH. Always order the total run length, not the individual sections.



Example: This run must be ordered as 1pc "SL1L LOP 32FT..."



Example: If you order as 4pcs "SL1L LOP 8FT..." you will receive these INDIVIDUAL sections that cannot be joined together

Patterns

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

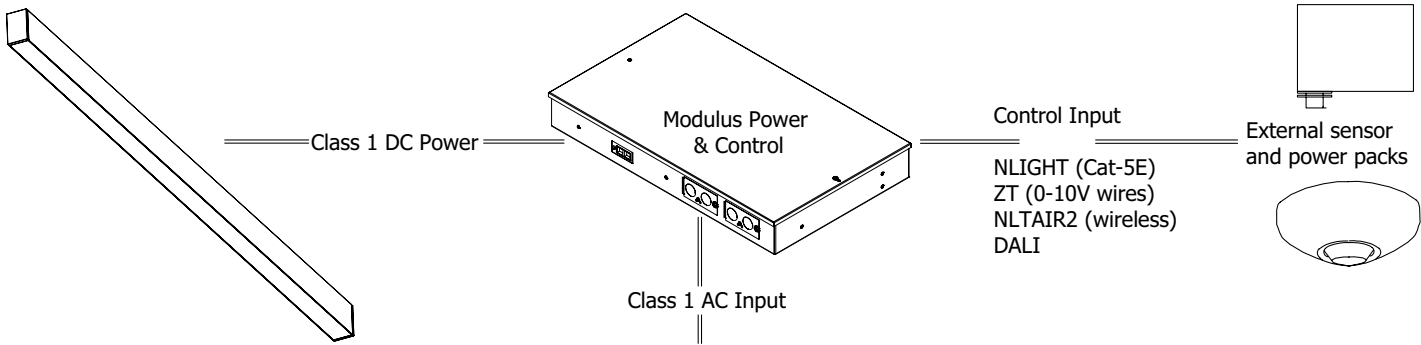
INTELLIGENT LUMINAIRE CHARTS

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, nLO EZDCA 16Z in head unit
	MIN1	NLTAIR2	eldoLED DCDC DUALdrive	100 to 1%	Logarithmic Dimming, rLO 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, nLO EZDCA 16Z in head unit
	DARK	NLTAIR2	eldoLED DCDC DUALdrive	100 to 0.1%	Logarithmic Dimming, rLO EZDL in head unit with external antenna
Control + Sensor Configurations	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

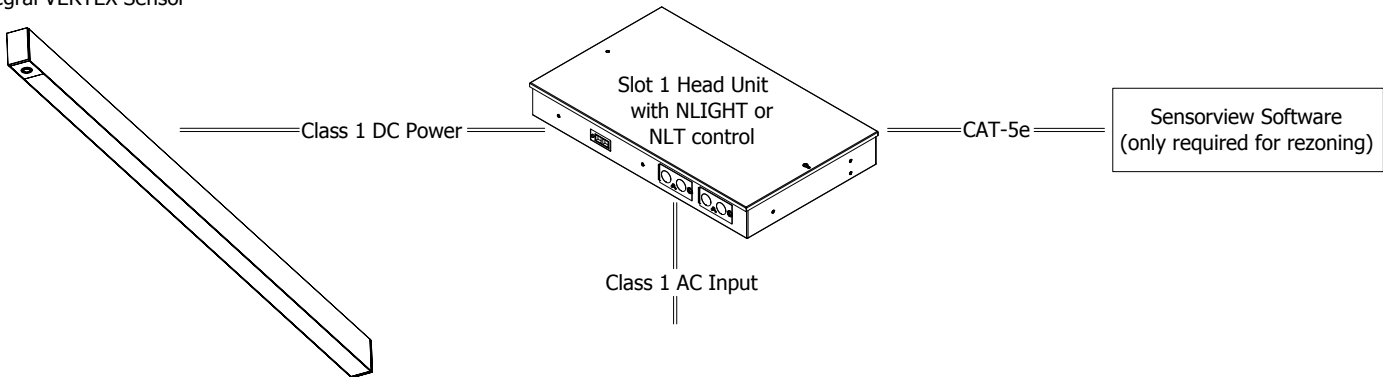
Remote sensors can be paired with NLIGHT options to control your runs.

SLOT1 Luminaire



For Internal Controls

Slot 1 Luminaire with
Integral VERTEX Sensor



EMERGENCY OPTIONS

SL1L

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.

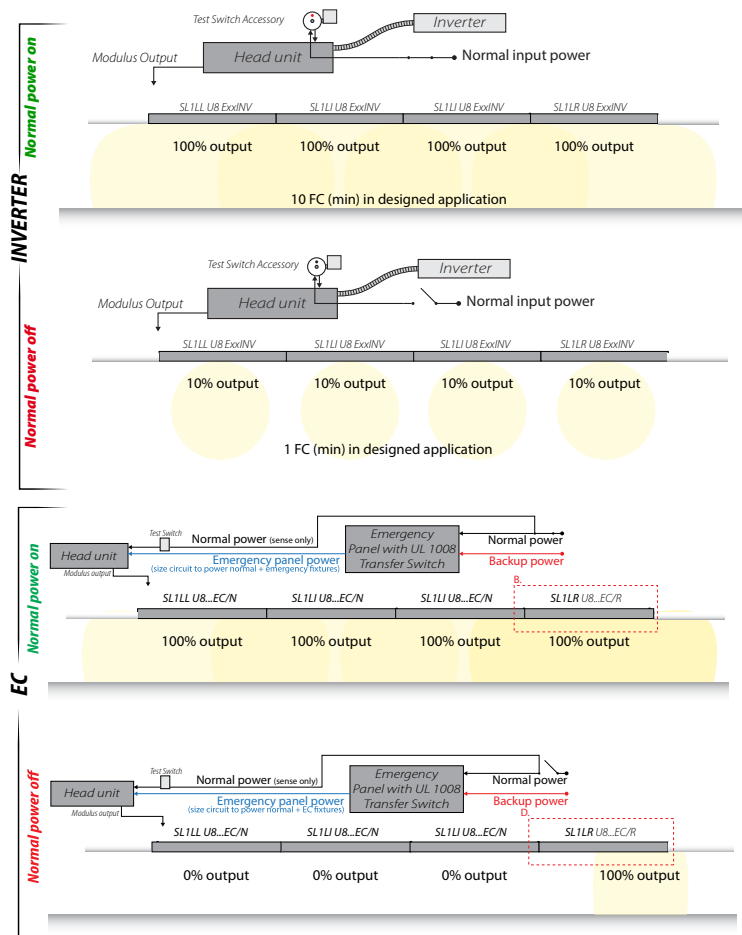
Additional circuits will be added from the end of the run using the last 4' of an 8' fixture or complete 4' fixtures.

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](#).

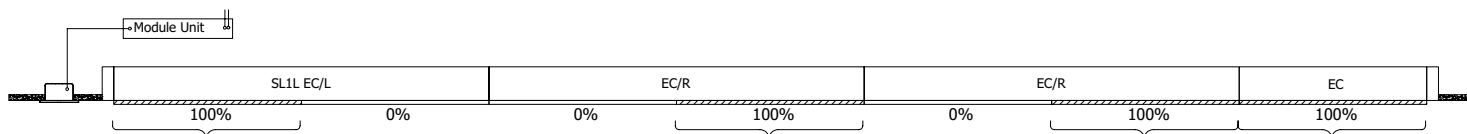
Emergency System Diagrams



*Since there's only one power supply in the head unit to power both EC and non-EC sections in the same run, ALL fixtures will draw power from the emergency circuit during normal power operation. Consult the Modulus Emergency Guide on Modulus fixture webpages to calculate the normal power and emergency power consumption for your fixture run length, lumen package, and emergency type.

Default locations for multiple ECs

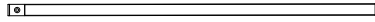
SL1L LLP...4EC



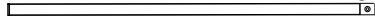
INTERGRATED SENSOR LAYOUT

CORRECT:

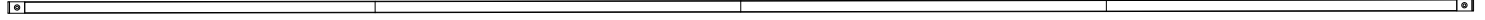
8FT MSL8 run with one sensor on the left VPIR15 ADC



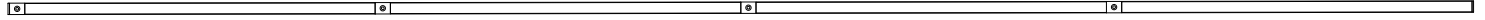
8FT MSL8 run with one sensor on the right VPIR15 ADC



32FT MSL8 run with two sensors - 2VPIR15 ADC

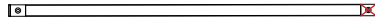


32FT MSL8 run with four sensors - 4VPIR15 ADC



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" x 2', 3', 4', 5', 6', 7', 8' and continuous rows in 1" increments as standard, upper housing fabricated from cold-rolled steel with extruded aluminum ceiling trim.

Finish

Painted high reflectance matte white powder coat.

Reflector

Precision-formed steel; high reflectance matte white powder coat; 93% reflectivity.

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 UL 2108. This product is IC rated.

Modulus Head Unit is RoHS compliant, plenum rated per UL2043, UL2108, UL924 for emergency applications, damp location, and 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.