

# SLOT 1

DIRECT PENDANT  
TUNABLE WHITE  
POWERED BY MODULUS™

## HIGHLIGHTS

- 200 to 1000 lumens per foot
- Up to 119 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
- Mainstream Dynamic White, with nTune technology offers full range tunability from 2700K to 6500K

## FIXTURE PERFORMANCE

Nominal Lumens/Foot	200LMF	400LMF	600LMF	800LMF	1000LMF
Delivered Lumens/Foot	185	402	615	840	1030
Input Watts/Foot*	1.67	3.38	5.3	7.55	9.77
Lumens/Watt	110	119	116	111	105
Well Glare Standard**	✓	✓	✗	✗	✗

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

\*See driver box details for wattage consumption per driver box

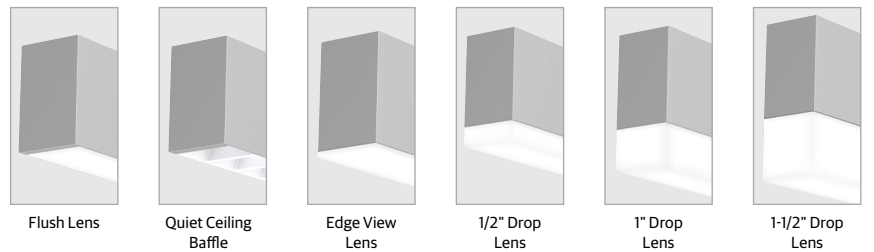
\*\*Based on WELL criteria for glare using the average illuminance (Cd/m2), use of baffles and other shielding devices may affect outcome, different distributions affect outcome, see individual IES files for complete details.

Declare. nLight eldoLED

## DIRECT DISTRIBUTION

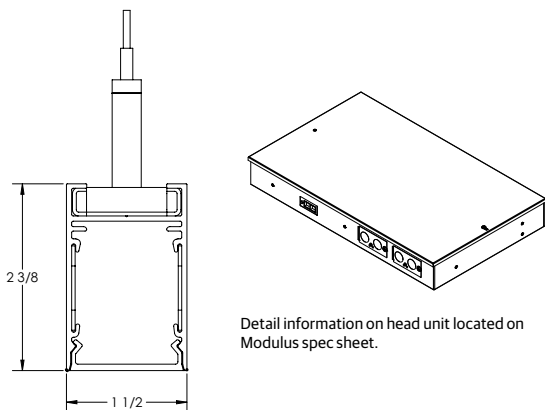


## DIFFUSERS/SHIELDING



## DIMENSIONS

Section View



Detail information on head unit located on Modulus spec sheet.

**ORDERING**

Example: S1LD LLP 32FT MSL8 80CRI TUWH RHYR 600LMF DARK MVOLT WHTT NLT F1/36A RDCY WHTCY WCRD

Series	Plan	Total Run Length	Max Section Length	Direct Light Source Color Rendering	Dynamic Feature	Dynamic Range	Direct LED Light Output
<b>S1LD</b> Slot 1 Pendant - Direct	<b>LCB</b> Linear center balanced <b>LLP</b> Linear longest possible <b>LSL</b> Longest same length	<b>_FT_</b> Specify continuous run length in whole feet and inches, i.e. 24FT6 = 24'6". 2FT minimum. (Excludes 2FT1 & 2FT2)  Unit length may affect available options.  <b>For runs longer than 8FT: ALWAYS order the run by the TOTAL RUNLENGTH. Ordering the sections individually will not provide the correct joining hardware to allow connection in the field.</b>	<b>MSL2</b> 2' <b>MSL3</b> 3' <b>MSL4</b> 4' <b>MSL5</b> 5' <b>MSL6</b> 6' <b>MSL7</b> 7' <b>MSL8</b> 8'	<b>80CRI</b> 80 CRI	<b>TUWH</b> Tunable White	<b>RHYR</b> Rhythm Range (2700k - 6500K)	<b>200LMF</b> 200 lumens per FT <b>400LMF</b> 400 lumens per FT <b>600LMF</b> 600 lumens per FT <b>800LMF</b> 800 lumens per FT <b>1000LMF</b> 1000 lumens per FT <b>_LMF</b> # lumens per FT Limited to 200LMF - 1000LMF in 50LMF increments

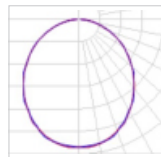
Direct Distribution (Optics)	Minimum Dimming Level	Direct Shielding	Voltage	Finish
<b>(blank)</b> Standard lambertian distribution <b>WW</b> Wallwash distributions <b>WG</b> Wall graze distribution <b>DBW</b> Direct Batwing distribution <b>DAS</b> Direct Asymmetric distribution  Distribution options only available with flush lens which is co-extruded with white and clear material.	<b>DARK</b> Constant current, dimming to 0.1%	<b>(blank)</b> <sup>1</sup> Flush lens <b>QCBFW</b> <sup>2</sup> Quiet ceiling baffle, white <b>QCBFB</b> <sup>2</sup> Quiet ceiling baffle, black <b>QCBFS</b> <sup>2</sup> Quiet ceiling baffle, specular silver <b>DRPO5</b> <sup>2</sup> 1/2" Drop lens <b>DRP1</b> <sup>2</sup> 1" Drop lens <b>DRP15</b> <sup>2</sup> 1 1/2" Drop lens <b>EGLD</b> Edge View direct lens  1. Use for standard flush lens or when using optics WW, WG, DBW, or DAS. 2. Only available in whole foot increments.	<b>MVOLT</b> Multi-volt, 120-277  <b>120</b> 120V <b>277</b> 277V <b>347</b> 347V  347V is not available with E35INV, E50INV, EC, WEC.	<b>WHTT</b> White (Satin) <b>BLKT</b> Black (Satin) <b>SLVT</b> Silver (Satin) <b>RALTB</b> <a href="#">RAL paint finishes</a>  RALTB is for pricing only. Replace with applicable RAL number & finish when placing order.

Emergency Options	Control Input	Primary Sensor	Secondary Zone	Tertiary Zone
<b>(blank)</b> No emergency option <b>E35INV</b> <sup>1</sup> 35W Micro inverter <b>E50INV</b> <sup>1,2</sup> 50W Micro Inverter (Not California Title 20 (T20) Compliant.) <b>WEC</b> <sup>3</sup> Emergency circuit for entire run <b>_EC</b> <sup>3</sup> # of emergency circuits  1. MVOLT is not available with E35INV & E50INV. 2. Use E50INV unless T20 compliance is required; then use E35INV. See Modulus spec sheet for more details. 3. All fixtures connected to an EC head unit will draw power from the emergency circuit during normal operation.	<b>NLT</b> nLight nTune Interface <b>ZT*</b> 0-10V control  *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.	<b>(blank)</b> Select if single zone <b>NS_</b> Select if multi-zones required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture.  <b>_VIPR15 ADC*</b> Vertex Daylight Dimming Sensor  *Only available with NLT. Not available with DRPO5, DRP1, DRP15 or EGLD. Not available with Secondary or Tertiary zones. Only 1 sensor per fixture section.	<b>(blank)</b> Select if single zone <b>SNS_</b> Select if secondary zone is required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture.	<b>(blank)</b> Select if single zone <b>TNS_</b> Select if tertiary zone is required (with no sensors), call out length of zone in feet. Zones cannot end mid-fixture.

Mounting Type	Overall Suspension	Canopy Form	Canopy Color	Cord Color	Options
<b>F1/</b> T-bar ceiling (universal mounting bracket) <b>F1A/</b> T-bar ceiling (UMB with integrated J-box) <b>F2/</b> Hard ceiling (horizontal J-box)	<b>36A</b> 36" adjustable <b>72A</b> 72" adjustable <b>144A</b> 144" adjustable  *Measured from ceiling to bottom of luminaire.	<b>RDCY</b> Round Canopy <b>SQCY</b> Square Canopy	<b>BLKCY</b> Black canopy <b>WHTCY</b> White canopy <b>SLVCY</b> Silver Canopy	<b>WCRD</b> White cord <b>BCRD</b> Black cord	<b>(blank)</b> No option <b>MCS</b> 5" support canopy to match feed canopy

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

**PHOTOMETRICS**



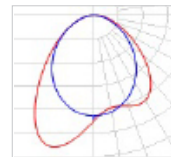
Test Report: ISF 201609P262  
IES LM79-08  
S1LD 4FT RHYR 1000LMF STD @35K  
Lumens: 4123.7  
Wattage: 39.09  
Efficacy: 105

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,136.80	27.6%
0-40	1,847.20	44.8%
0-60	3,224.00	78.2%
60-90	899.6	21.8%
0-90	4,123.70	100.0%



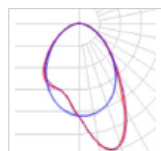
Test Report: ISF 201590P262  
IES LM79-08  
S1LD 4FT RHYR 1000LMF DBW @35K  
Lumens: 3305.6  
Wattage: 39.09  
Efficacy: 85

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	990.8	30.0%
0-40	1,653.30	50.0%
0-60	2,774.50	83.9%
60-90	531.1	16.1%
0-90	3,305.60	100.0%



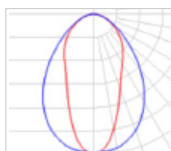
Test Report: 13706636.01P266  
IES LM79-08  
S1LD 4FT RHYR 1000LMF AS @35K  
Lumens: 3357  
Wattage: 39.09  
Efficacy: 86

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,084.5	32.3%
0-40	1,758.1	52.4%
0-60	2,852.6	85.0%
60-90	504.5	15.0%
70-100	195.6	5.8%
90-120	0.0	0.0%
0-90	3,357.0	100.0%
90-180	0.0	0.0%
0-180	3,357.0	100.0%



Test Report: ISF 201614P262  
IES LM79-08  
S1LD 4FT RHYR 1000LMF WW @35K  
Lumens: 3714.8  
Wattage: 39.09  
Efficacy: 95

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,271.80	34.2%
0-40	2,012.80	54.2%
0-60	3,173.70	85.4%
60-90	541.1	14.6%
0-90	3,714.80	100.0%



Test Report: ISF 201613P262  
IES LM79-08  
S1LD 4FT RHYR 1000LMF WG @35K  
Lumens: 3760.7  
Wattage: 39.09  
Efficacy: 96

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	1,457.00	38.7%
0-40	2,150.50	57.2%
0-60	3,240.00	86.2%
60-90	520.6	13.8%
0-90	3,760.70	100.0%

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

**CCT SCALING CHART**

CCT	CRI	MULTIPLIER
@27K	90CRI	1
@30K	90CRI	1.01
@35K	90CRI	1.04
@40K	90CRI	1.05
@50K	90CRI	1.07
@65K	90CRI	1.04

Lumen scaling charts can be used to approximate the lumen values at different Kelvin temperatures, color rendering indices, optics or sheilding. Example: Calculating the lumen change by adding the TGLD, top glow lens. Lumen output for SILID 4FT I1200LMF 35K; 5100 x 0.91 = 4641 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
DRPO5	1.11
DRP1	1.13
DRP15	1.17
EGLD	1.08

\*Base fixture with lambertian distribution and flush lens

# MARK ARCHITECTURAL LIGHTING™

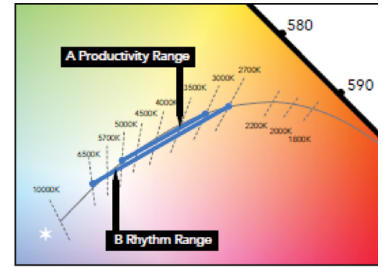
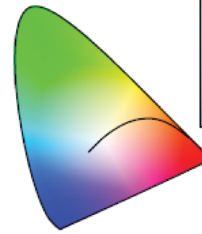
# Slot 1 Direct Pendant Tunable White Powered by Modulus™

## MAINSTREAM DYNAMIC TUNABLE WHITE WITH NTUNE TECHNOLOGY

Tunable white nTune™ is an all-digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system already familiar to schools. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment. nTune™ allows color temperature settings through the Rhythm Range of 2700K to 6500K. Refer to the nLight Programming User's Guide for instructions on customizing to your application with SensorView™.

### Tunable White GPHD

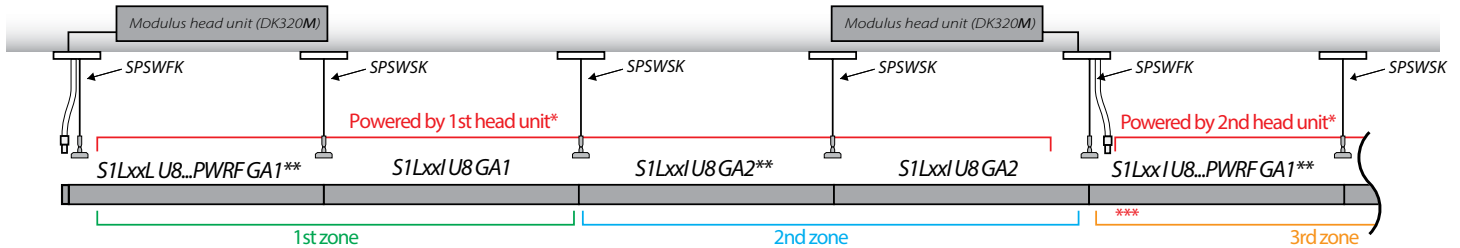
- **Gamut:** One dimensional warm-Cool
- **Path:** Direct 2700K to 6500K (Rhythm Range)
- **Handle:** Two Natural Language Handles: Intensity and CCT
- **Data:** nLight with nTune technology for both handles of control



- **A** Productivity Range 3000K to 5000K
- **B** Rhythm Range 2700K to 6500K

## 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)

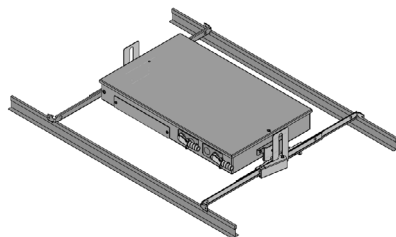
Control Types and Available Zones per Head Unit					
Control type	Max addressable zones	nLight devices	Max sensors	nLight devices consumed with max sensors	Fixture zoning method
nLight	16	17	5	22	Field programmed - Sensorview
Dali <sup>1</sup>	16	-	0	-	Field programmed - 3rd party DALI commissioning tool
ZT (O-I0)	2	-	0	-	Factory programmed - use NS, SNS fields in order
ECOI <sup>3</sup>	1	-	0	-	N/A (only one zone available)
NLTAIR2 <sup>2</sup>	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 <sup>4</sup>	2	-	0	-	Factory programmed - Use NS, SNS fields in order
NLTAIR2 with TUWH ZT <sup>4</sup>	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

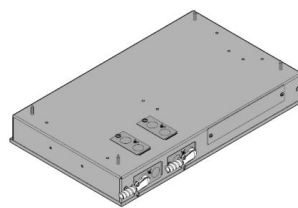
2. Uses factory-installed internal single-channel rIO with external antenna.

3. Internal EcoSystem to O-I0 Interface

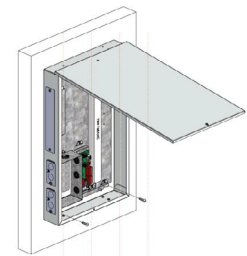
4. Requires 2x user-installed external rPP20D with O-IOV wiring into a standard ZT-type head unit. Order ZT or TUWH ZT fixtures and rPP separately



**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	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**

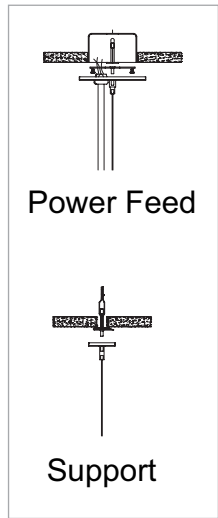
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface mount horizontal J-box applications.
- F1A/** For use with most T-Bar grid ceilings. Designed for on-grid applications. Comes complete with J-box with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

**Mounting Options**

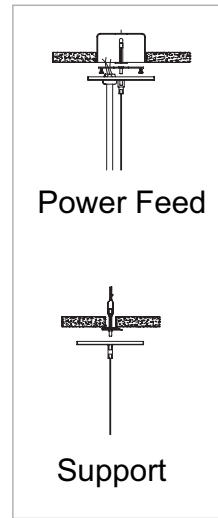
- MCS** MCS canopy supplies 5" canopy to match feed point canopy size. Matching canopy at support for aesthetics.

✓ Indicates mounting options available with this luminaire.

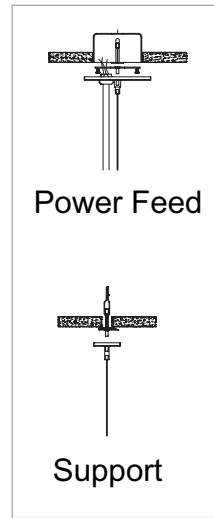
✓ F1/



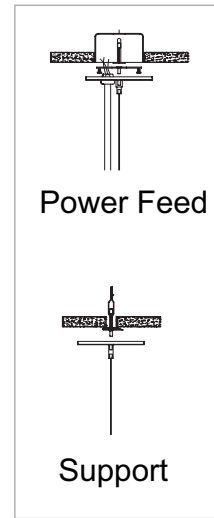
✓ F1/ ordered with MCS



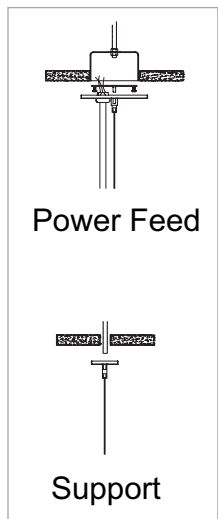
✓ F1A/



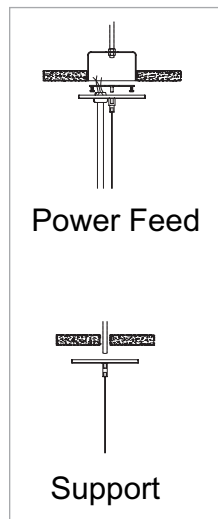
✓ F1A/ ordered with MCS



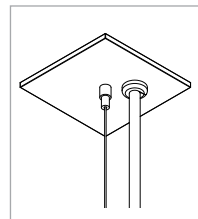
✓ F2/



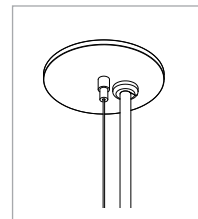
✓ F2/ ordered with MCS



**Single Feed Points**

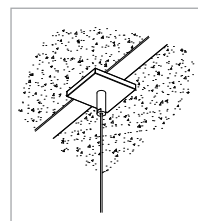


5" Square

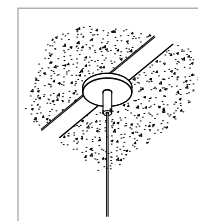


5" Round

**Non-Feed Points for T-Bar Mounting**



2" Square  
(5" square with MCS option)



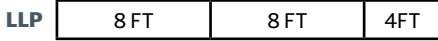
2" Round  
(5" round with MCS option)

**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.

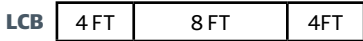
**LLP- Linear Longest Possible**

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.



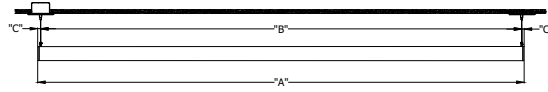
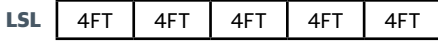
**LCB- Linear Center Balanced:**

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.

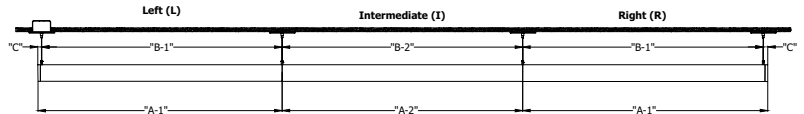


**LSL- Linear Same Length:**

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).



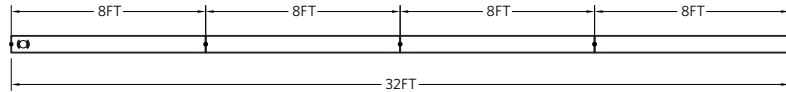
ORDERED LENGTH	INDIVIDUAL FIXTURES			
	"A" O.A.L.	"B" O.C.	"C" FROM END	APPROX. WEIGHT
2FT	2'- 13/32"	1'- 11 13/32"	1/2"	3LBS
3FT	3'- 13/32"	2'- 11 13/32"	1/2"	5LBS
4FT	4'- 13/32"	3'- 11 13/32"	1/2"	7LBS
5FT	5'- 13/32"	4'- 11 13/32"	1/2"	8LBS
6FT	6'- 13/32"	5'- 11 13/32"	1/2"	10LBS
7FT	7'- 13/32"	6'-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



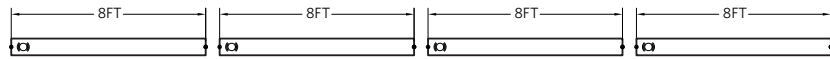
ORDERED LENGTH	RUN LAYOUT					
	"A-1" O.A.L.	"A-2" O.A.L.	"B-1" O.C.	"B-2" O.C.	"C" FROM END	APPROX. WEIGHT
4FT	4'- 3/16"	4'-0"	3'- 11 23/32"	4'-0"	1/2"	7LBS
5FT	5'- 3/16"	5'-0"	4'- 11 23/32"	5'-0"	1/2"	8LBS
6FT	6'- 3/16"	6'-0"	5'- 11 23/32"	6'-0"	1/2"	10LBS
7FT	7'- 3/16"	7'-0"	6'- 11 23/32"	7'-0"	1/2"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

Examples:

SILD LLP 21FT MSL5... = 5FT / 4FT / 4FT / 4FT / 4FT

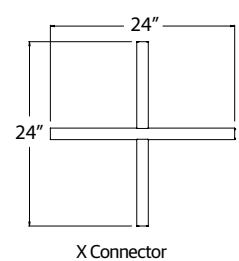
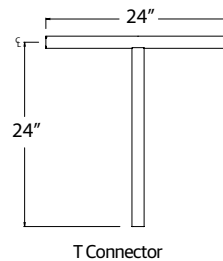
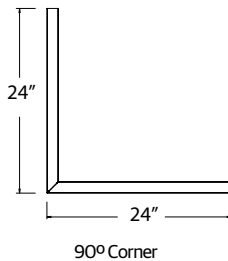
SILD LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT

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.



# MARK ARCHITECTURAL LIGHTING™

# Slot 1 Direct Pendant Tunable White Powered by Modulus™

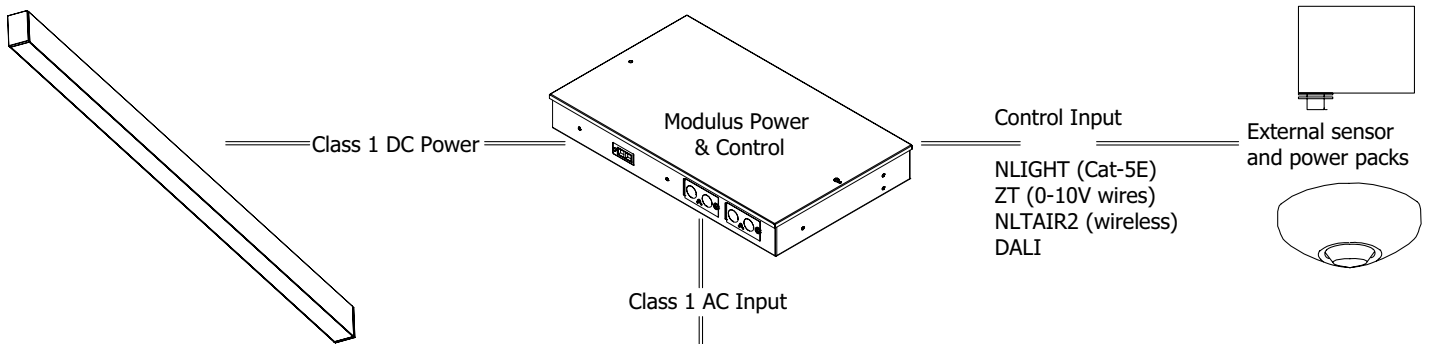
## INTELLIGENT LUMINAIRE CHARTS

Choose nomenclature from these columns					
Driver Configurations	Minimum Dimming Level	Control Input	Driver	Dimming Range	Notes
	DARK	TUWH NLT	eldoLED DCDC DUALdrive	100 to 0.1%	Logarithmic Dimming, nIO EZDCA CCT in head unit
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.	

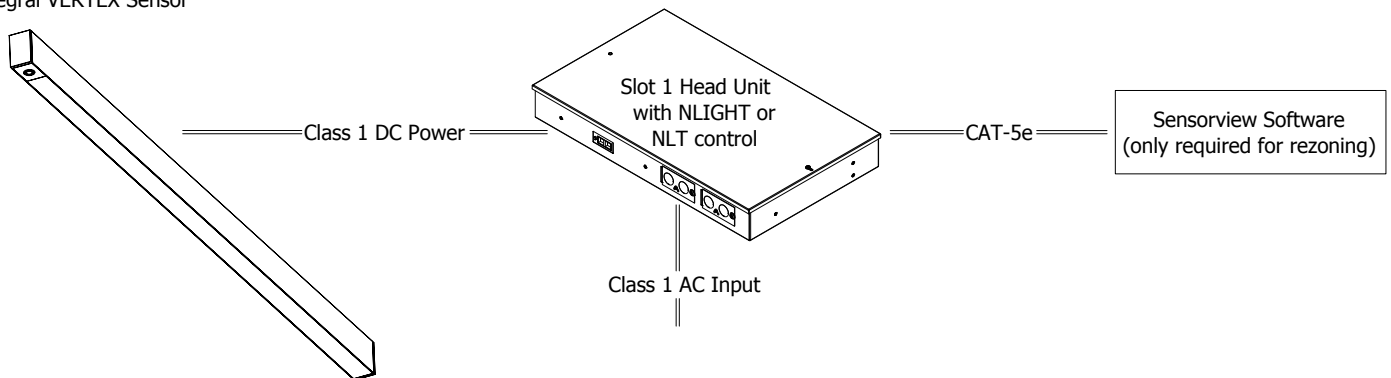
## CONTROLS

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

### SLOT1 Luminaire



### Slot 1 Luminaire with Integral VERTEX Sensor





**EMERGENCY OPTIONS**

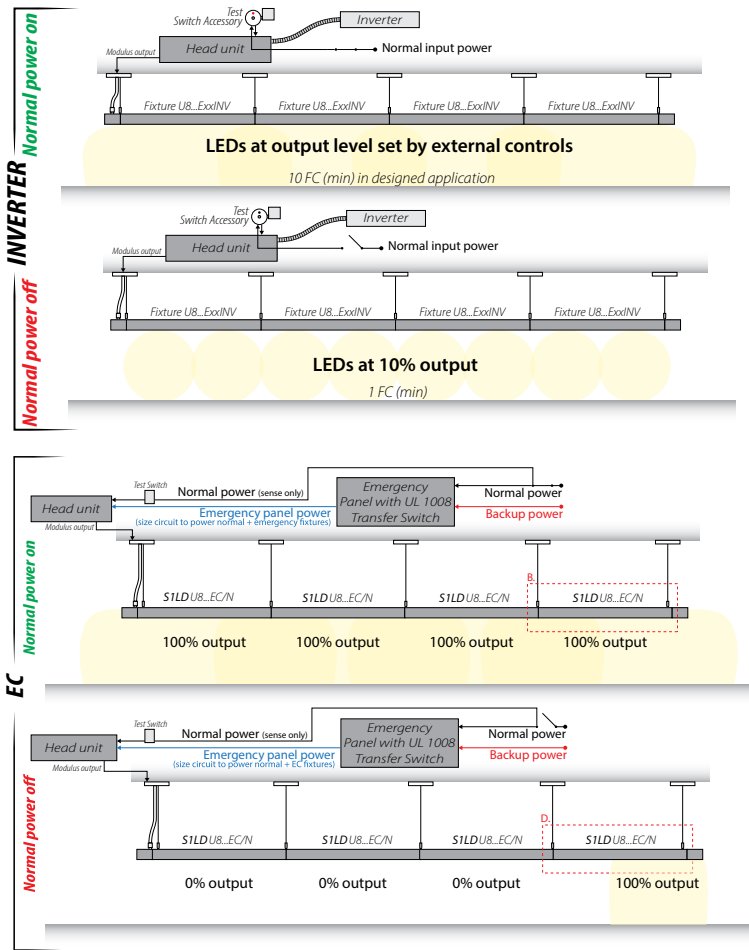
**SILD**

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.  
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](#).

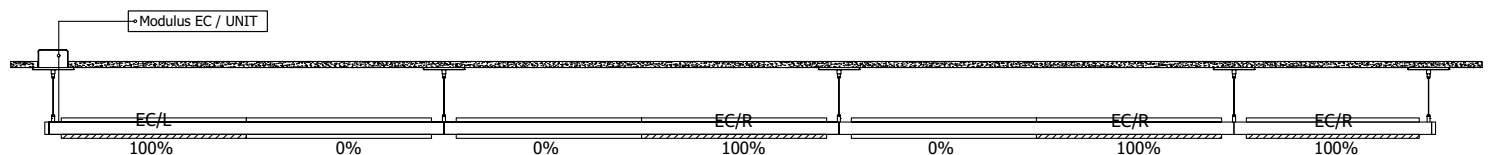
**Emergency System Diagrams**



\*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

**SILD LLP...4EC**

Default locations for multiple ECs.



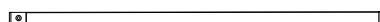
---

**INTEGRATED SENSOR LAYOUT**

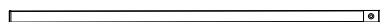
---

**CORRECT:**

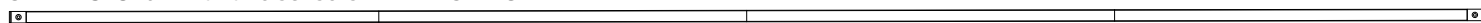
8FT MSL8 run with one sensor on the left VPIR15 ADC



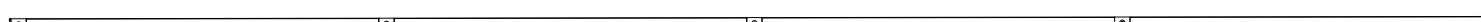
8FT MSL8 run with one sensor on the right VPIR15 ADC



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), 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.

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](http://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.