

SLOT 2

PENDANT DIRECT PATTERN

HIGHLIGHTS

- 300 to 1500 lumens per foot Direct
- Up to 117 Lumens per Watt
- Integrated control with optional nLight or nLight Air for system networking
- Driver options for Dim to Dark, 1% or 10% minimum dimming
- White, black or silver paint with satin finish
- Declare listed



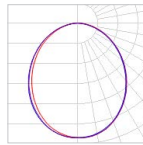
FIXTURE PERFORMANCE

Nominal Lumens/Foot	Direct							
	300LMF	400LMF	600LMF	800LMF	1000LMF	1200LMF	1400LMF	1500LMF
Delivered Lumens/Foot	271	367	547	702	908	1060	1248	1368
Input Watts/Foot	2.38	3.14	4.68	6.27	7.98	9.85	11.93	13.07
Lumens/Watt	114	117	117	112	114	108	105	105

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



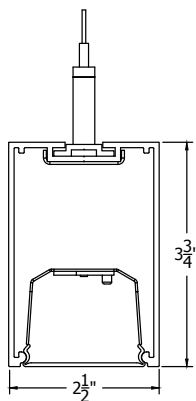
DIRECT DISTRIBUTION



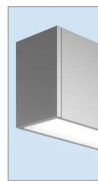
Lambertian (No Optic)

DIMENSIONS

See page 5 for additional details.



DIFFUSERS/SHIELDING



Flush Lens (FLL)



Edge View Lens (EGLD)

ORDERING

Example: S2PDMP RPP 32FT 490C 90CRI 35K 800LMF DARK FLL SCT MVOLT WHTT ZT F1/36A RDCY WHTCY WCRD

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Series	Pattern Plan	Run Length	Connectors	Direct Light Source Color Rendering	Direct LED Color Temp	Direct Lumen Output
S2PDMP Slot 2 Pendant Direct Master Pattern (Formerly S2LDP)	CPP Closed Pattern Plan OPP Open Pattern Plan RPP Rectangular Pattern Plan SPP Square Pattern Plan	_FT Specify pattern in total linear feet & inches. <i>Unit length may affect available options.</i>	_90C¹ #90 Degree Horizontal Corner _90T² #90 Degree T Connector _90X^{2,3} #90 Degree X Connector <i>For more information, see page 3.</i> 1. Corner angles available from 40° - 160° in 1 degree increments. Replace the 90 with the appropriate corner degree to specify. 2. T & X connectors only available at 90 degrees 3. 90X is not available with 347.	80CRI 80 CRI 90CRI 90 CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	300LMF 300 Lumens per Foot 400LMF 400 Lumens per Foot 600LMF 600 Lumens per Foot 800LMF 800 Lumens per Foot 1000LMF 1000 Lumens per Foot 1200LMF 1200 Lumens per Foot 1400LMF 1400 Lumens per Foot 1500LMF 1500 Lumens per Foot _LMF Specify Lumens between 300LMF - 1500LMF in 50LMF increments

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Switching	Minimum Dimming Level	Direct Shielding	Voltage	Finish	Emergency Options
SCT Single Circuit/Single switching	NODIM¹ no dimming MINI Constant current dimming to 1% DARK Constant current dimming to 0.1% MINIO² Constant Current Dimming to 10% 1. Not available with Control input options. 2. MINIO is not available with DALI, ECOD.	FLL Flush Lens EGLD¹ Edge Glow Lens 1. EGLD is not available with ETOWLCP, NLTAIR2 or sensors. Only available in whole foot increments.	MVOLT Multi-Volt, 120-277 120 120V 277 277V 347¹ 347V 1. 347 is only available with ZT. 347 is not available with 90X, emergency options or sensors.	WHTT White, Satin BLKT Black, Satin SLVT Silver, Satin RALTB¹ RAL Paint Finishes 1. RALTB is for pricing only. Replace with applicable RAL number & finish when placing order.	(blank) No Emergency Options _ETOWLCP¹ emergency battery pack WEC² Emergency circuit for entire run _EC³ # of Emergency Circuits GTD⁴ Generator Transfer Device (remote) Battery packs are not available in connectors. For more information on the emergency options, see page x. 1. ETOWLCP is not available in units under 4'. ETOWLCP with NLTAIR2 is only available in units 7'-8'. 2. WEC is not available with NLIGHT, NLTAIR2 or sensors. 3. GTD is remote mounted. GTD is not available with MVOLT or 347.

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Control Input	Primary Sensor	Secondary Sensor	Tertiary Zone	Mounting
(blank) Non-Dimming ZT¹ 0-10V NLIGHT nLight Wired NLTAIR2² nLight Air 2 Wireless Enabled DALI³ DALI ECOD⁴ Lutron EcoSystem Digital Driver 1. ZT is only available with DARK. 2. NLTAIR2 can be used as a normal power sensing device for nLight Air devices and luminaires with EM emergency options. It is not available with NODIM. NLTAIR2 with DCT fixtures cannot be less than 4'. 3. DALI is only available with DARK. DALI is not available with sensors. 4. ECOD is only available with MINI. It is not available with ETOWLCP & sensors. It is only available with 300LMF, 600LMF, 1000LMF or 1500LMF.	(blank) No sensor or zone NS_ Primary Zone with No Sensor (Specify length in feet) ADC¹ Daylight Dimming Sensor PDT¹ Dual technology Occupancy and Daylight Dimming Sensor APIR² Passive Infrared Occupancy and Daylight Dimming Sensor APDT² Dual Technology Occupancy, PIR and Microphonics Sensor Sensors are only available with FLL and fixtures 4' and above. Sensors are not available in connectors. For more information, see page 6. 1. ADC & PDT are available with ZT or NLIGHT 2. APIR & APDT are available with ZT, NLIGHT or NLTAIR2.	(blank) No Sensors or Secondary Zone SNS_ Secondary Zone with No Sensor (Specify length in feet) SADC¹ Daylight Dimming Sensor SPDT¹ Dual technology Occupancy and Daylight Dimming Sensor SAPIR² Passive Infrared Occupancy and Daylight Dimming Sensor SAPDT² Dual Technology Occupancy, PIR and Microphonics Sensor Sensors are only available with FLL and fixtures 4' and above. Sensors are not available in connectors. For more information, see page 6. 1. ADC & PDT are available with ZT or NLIGHT 2. APIR & APDT are available with ZT, NLIGHT or NLTAIR2.	(blank) No Tertiary Zone TNS_ Tertiary Zone (Specify length in feet)	F1/ T-Bar Ceiling with Universal Mounting Bracket FIA/ T-Bar Ceiling with Universal Mounting Bracket & Integrated J-Box F2/ Hard Ceiling

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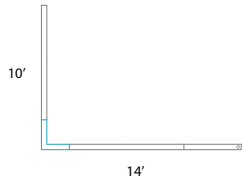
Suspension Length	Canopy Form	Canopy Color	Cord Color	Options
36A 36" Adjustable 72A 72" Adjustable 144A 144" Adjustable	RDCY Round Canopy SQCY Square Canopy	BLKCY Black Canopy WHTCY White Canopy SLVCY Silver Canopy	WCRD White Cord BCRD Black Cord CATS cord, when included, will be white.	(blank) No Options MCS Matching Support Canopy PIF¹ Feed Cord Installed BAA Buy America(n) Act and/or Build America Buy America Qualified 1. Cord length will match overall suspension length specified.

NOTE: Unit length and lumen outputs may affect available options.

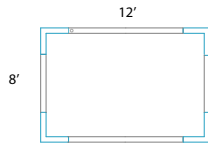
PATTERN ORDERING GUIDE

Slot 2 LED patterns can be configured in 1" increments with illuminated corners, X & T connectors. Corners are available between 40° and 160° in 1° increments. For custom angles, corners of junction lengths, consult factory.

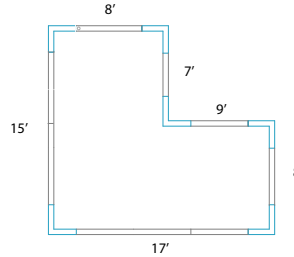
- 4 corners are required for SPP & RPP plans.
- The system will only price a maximum of 6 of each type of connector on one order line and up to 100 total feet. Please consult with quotations to determine pricing if over limits.
- Total Run Length = all sides of the pattern



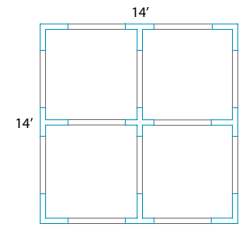
Total run length = 24FT
190C or 90C = (1) 90° corner
Nomenclature:
S2PDMP OPP 24FT 190C 90CRI 30K
600LMF SCT DARK MVOLT WHT ZT F1/72A
RDCY WHTCY WCRD



Total run length = 40FT
490C = (4) 90° corners
Nomenclature:
S2PDMP RPP 40FT 490C 90CRI 30K
600LMF SCT MINI MVOLT WHT ZT F1/72A
RDCY WHTCY WCRD



Total Run length = 64FT
690C = (6) 90° corners
Nomenclature:
S2PDMP CPP 64FT 690C 90CRI 30K 600LMF
SCT MINI MVOLT WHT ZT F1/72A RDCY
WHTCY WCRD



Total Run Length = 84FT
490C = (4) 90° corners
190X = (1) 90° X connectors
490T = (4) 90° T connectors
Nomenclature:
S2PDMP CPP 84FT 490C 490T 190X 90CRI
30K 600LMF SCT MINI MVOLT WHT ZT
F1/72A RDCY WHTCY WCRD

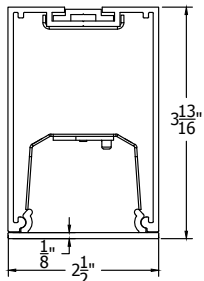
LAYOUT SKETCH

Please draw and configure your pattern plan below.



SHIELDING, OPTICS & CONNECTORS

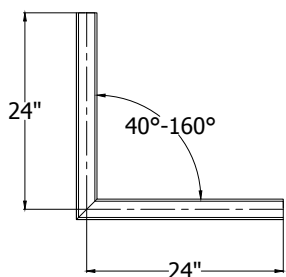
Direct Shielding



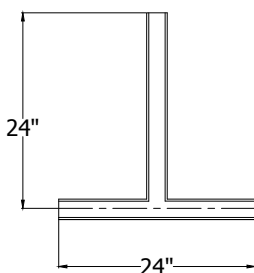
Edge Glow Lens
(EGLD)

Run Patterns, Corners and Junction

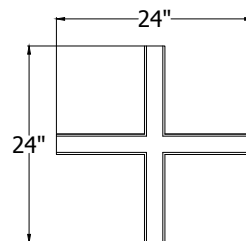
Patterns can be configured in 1" increments with illuminated L, T & X connectors with standard 2' corner. L connectors are available in 40-160 degrees in 1 degree increments. T & X connectors available in 90 degrees. For custom angles, corner or junction lengths, consult factory.



L Connector



T Connector



X Connector

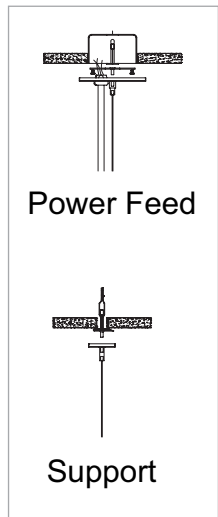
MOST COMMON MOUNTING TYPES AND OPTIONS Options available for this specific luminaire are checked in the boxes below.

Mounting Type

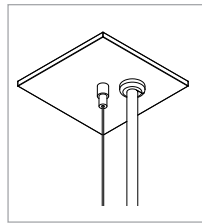
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications. (J-box by others)
- F1A/** For use with most T-Bar grid ceilings. Designed for on-grid applications. Comes complete with J-box with built-in cutout to go over grid
- F2/** For use with recessed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

Mounting Options

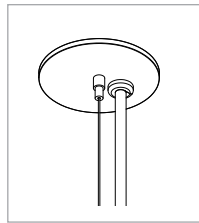
- MCS** MCS canopy supplies 5" canopy to match feed point canopy size. Matching canopy at support for aesthetics.
- PIF** Feed cord installed in fixture.



Mounting with Feed (SPSWIFK)

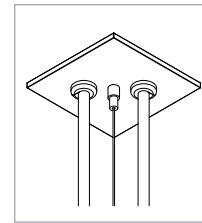


5" Square

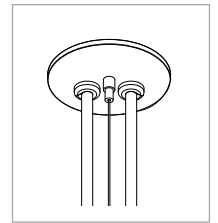


5" Round

Mounting with Dual Feed (SPSW2FK)

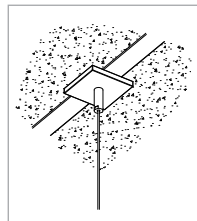


5" Square

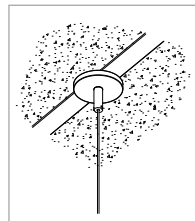


5" Round

Mounting Support (SPSWSK)

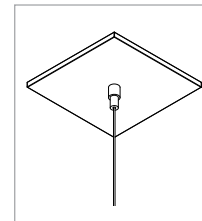


2" Square

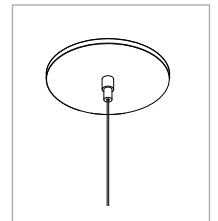


2" Round

MCS Option



5" Square



5" Round

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

Choose nomenclature from these columns		Minimum Dimming Level	Control Input	Dimming Range	Notes
Driver Configurations		NO DIM	+ (blank)	-	No 0-10V leads from the driver.
		MINIO	+ ZT	100 to 10%	
		MIN1	+ ZT	100 to 1%	
		MIN1	+ NLIGHT	100 to 1%	
		MIN1	+ ECOD	100 to 1%	Lutron Hi-lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (model LDE1)
		DARK	+ ZT	100 to 0.1%	
		DARK	+ NLIGHT	100 to 0.1%	
		DARK	+ DALI	100 to 0.1%	"Compatible with DALI. Formerly (EDB & EDAB) nomenclature." Logarithmic dimming

Choose nomenclature from these columns		Control Input	Sensor	Sensor	Notes
Control / Sensor Configurations		ZT	+ ADC	= MSD ADC	Automatic dimming control integral photocell.
		ZT	+ PDT	= MSD PDT 7	Dual technology integral occupancy sensor.
		ZT	+ APIR	= MSD 7 ADC	PIR integral occupancy sensor with automatic dimming control photocell.
		ZT	+ APDT	= MSD PDT 7 ADC	Dual technology integral occupancy sensor with automatic dimming control photocell.
		NLIGHT	+ (blank)	= nIO EZ PH	nLight enabled only. No onboard sensor.
		NLIGHT	+ ADC	= nIO EZ PH + nES ADCX	Automatic dimming control integral photocell. nLight enabled.
		NLIGHT	+ PDT	= nIO EZ PH + nES PDT 7	360° Dual technology integral occupancy sensor. nLight enabled.
		NLIGHT	+ APIR	= nIO EZ PH + nES 7 ADCX	360° PIR integral occupancy sensor with automatic dimming control photocell. nLight enabled.
		NLIGHT	+ APDT	= nIO EZ PH + nES PDT 7 ADCX	360° Dual technology integral occupancy sensor with automatic dimming control photocell. nLight enabled.
		NLTAIR2	+ (blank)	= RIO EZDL EXT900 ACWH 90D G2	nLight AIR enabled only. No onboard sensor.
		NLTAIR2	+ APIR	= RES7 EXT900 ACWH 90D G2	PIR integral occupancy sensor with automatic dimming control photocell. nLight AIR enabled.
		NLTAIR2	+ APDT	= RES7 PDT EXT900 ACWH 90D G2	Dual technology integral occupancy sensor with automatic dimming control photocell. nLight AIR enabled.

For more information, please consult our technical guides for [nLight](#) or [nLight Air](#).

UL924 Sequence of Operation
The below information applies to all nLight AIR devices with an EM option.
<ul style="list-style-type: none"> EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds. Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts. Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.

nLight® Wired Control Accessories <i>Order as separate catalog number</i>	
Wall Switches	Model Number
On/Off single pole	nPODMA (color)
On/Off two pole	nPODMA 2P (color)
On/Off single pole, dimming	nPODMA DX (color)
On/Off two pole, dimming	nPODMA 2P DX (color)
On/Off, two level	nPODMA 2L (color)
Graphic touchscreen	nPOD TOUCH (color)

For more information see [nPOD](#) and [nPOD TOUCH](#) spec sheets

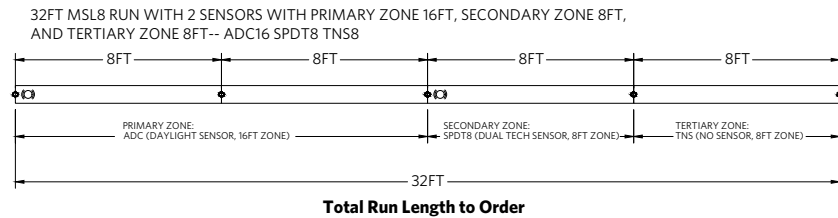
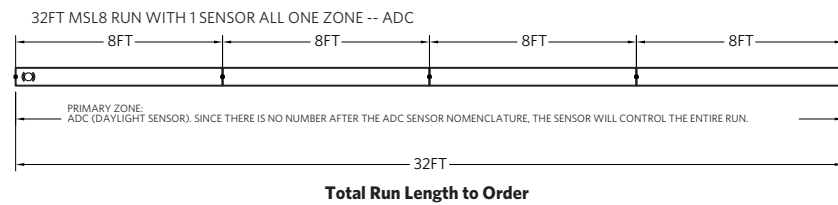
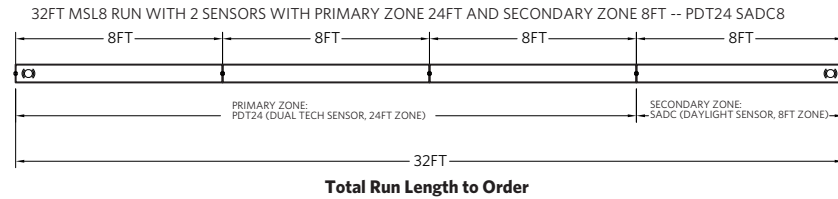
nLight AIR® Control Accessories <i>Order as separate catalog number</i>	
Wall Switches	Model Number
On/Off single pole	rPODBA (color)
On/Off two pole	rPODBA 2P (color)
On/Off single pole, dimming	rPODBA DX (color)
On/Off two pole, dimming	rPODBA 2P DX (color)
On/Off, 4 scene control	rPODBA 4S (color)

For more information see [rPOD](#) spec sheets

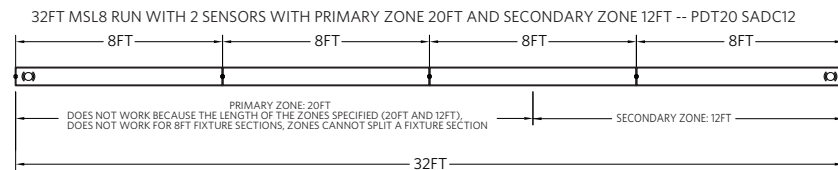
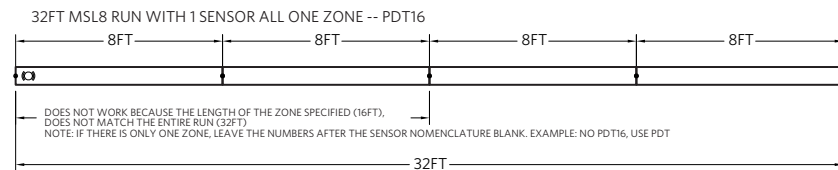
INTEGRATED SENSOR LAYOUT

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.

CORRECT:



INCORRECT:



Notes:

- Only one sensor per zone
- At the most, the entire run can only have 2 sensors (thus 2 sensors zones at the most)
- Sensor zone can not split fixture sections
- No overlapping zones

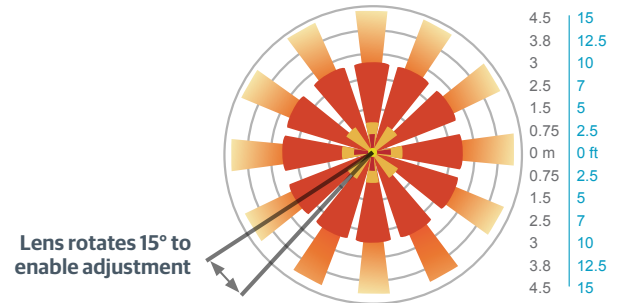
OCCUPANCY DETECTION COVERAGE

At the 7.5 ft (2.9 m) hanging height of a typical pendant mount fixture the sensor provides 10 ft (3.05 m) radial detection of small motion. At a 9 ft (2.74 m) hanging height the radius is 12 ft (3.66 m) for small motion.

Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).

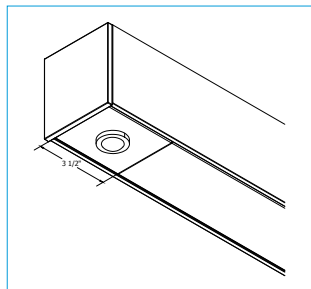
Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



Integrated Controls

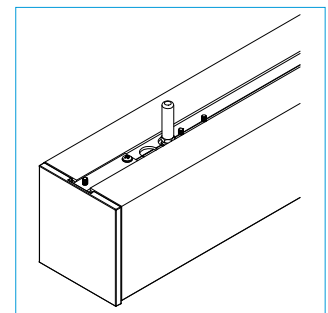
Optional nLight® integrated controls make Slot LED luminaires addressable- allowing them to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling (included).



Occupancy Sensor and/or Photocell

nLight Air Wireless Antenna Location

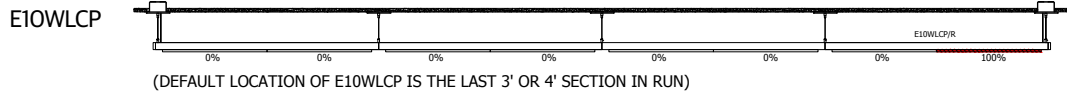
Note: Antenna will be shipped separately and will need to be attached to the coax connector.



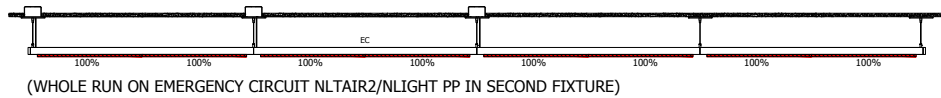
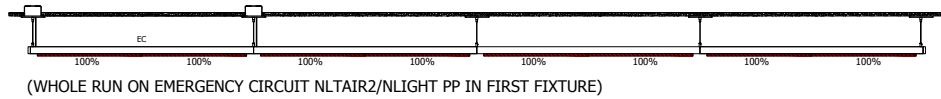
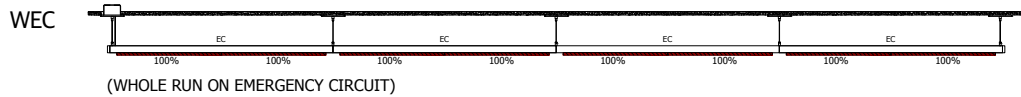
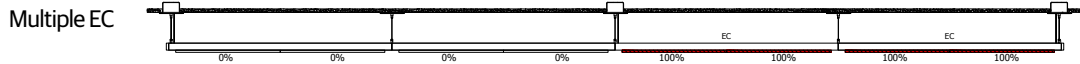
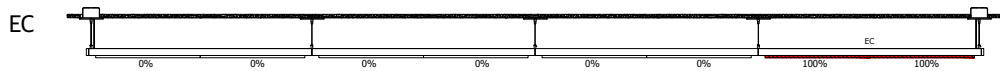
EMERGENCY OPTIONS

Emergency Battery Packs

The PS1055LCP battery is integral to the fixture and comes standard with a remote test switch and self-diagnostics. Only direct light portion operated by emergency, as indicated below. Battery packs cannot be placed in the connectors.



Emergency Circuits

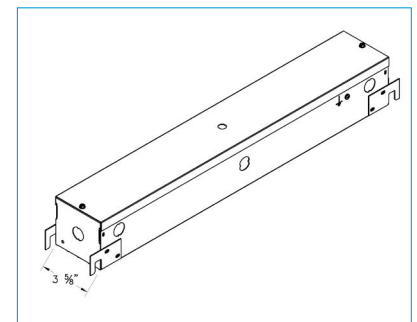
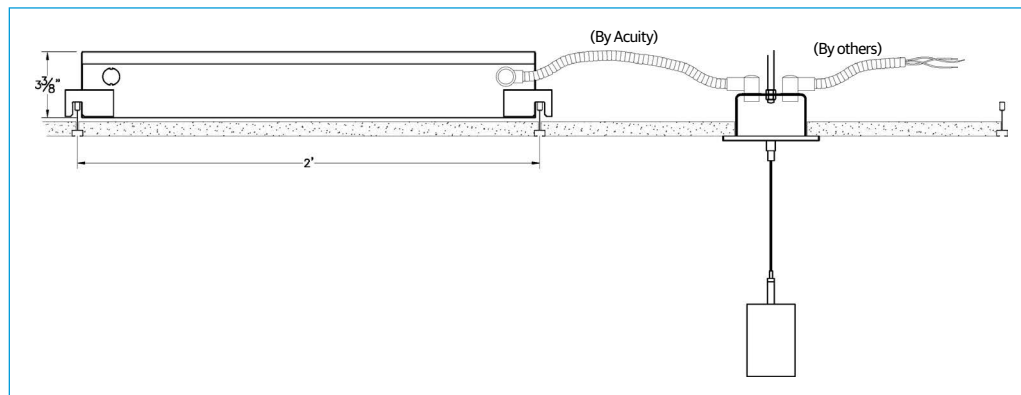


How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode
Delivered Lumens = 1.25 x P x LPW
P = 10W for PS1055LCP
LPW = Lumen per watt rating of the luminaire This information is available on page 1 of this spec sheet or appropriate IES file.

Section Length	E10WLCP	EC
U2	None	Entire unit
U3	None	Entire unit
U4	Entire unit	Entire unit
U5	Last 3'	Entire unit
U6	Last 3'	Entire unit
U7	Last 4'	Entire unit
U8	Last 4'	Entire unit

Remote GTD Mounting Option

Recessed in ceiling. Consult factory for other ceiling types or canopy options. 6 foot flexible conduit included, GTD option should be mounted within 6 feet of junction box above fixture.



Accessible Ceiling

SPECIFICATIONS

Housing

One-piece extruded aluminum housing

Finish

Standard colors for fixtures and end caps are polyester powder coated white, black, or silver with satin sheen. Consult factory for custom colors and RAL color options.

Lenses/Shielding

Direct: Extruded acrylic lens, (FLL). Edge Glow lens, (EGLD).

LED Components

Multiple lumen packages available with 2700K, 3000K, 3500K, 4000K and 5000K CCT. 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 (2.55DECM) along the black body locus from board to board.

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).

Controls System Networking Options

Optional integrated nLight® controls make each fixture addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors, and photocontrols. Connection to nLight is simple. It can be accomplished with remote nLight AIR wireless or through standard Cat-5 cabling. (cabling "by others") nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other, while nLight AIR is commissioned easily through an intuitive mobile app.

Emergency Battery (Optional)

Integral emergency battery (E10WLCP) for 90 minutes of operation. Emergency battery pack, 10W, Linear Constant Power Certified in CA Title 20 MAEDBS.

Remote generator transfer device (GTD) works in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

Dimming Drivers

Factory tuned constant current electronic dimming driver is standard. Flicker free dimming available down to <1%. LED drivers perform within the recommended operating areas for flicker as a function of frequency and modulation (%) 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. Electrical specifications at maximum driver load: PF > 0.9 and THD <20%. Meets FCC Title 47 Class A or Class B. Other available drivers include Lutron and DALI protocol drivers. All drivers are RoHS compliant.

Environment

Suitable for damp location. Indoor use only.

Certification

CSA certified to meet U.S. and Canadian standards (UL1598 and UL8750).

Ambient Operating Temperature

-20°C (-4° F) to +25°C (+77°F).

Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

Fixture Weight

0.8 lbs per foot, less packaging.

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.