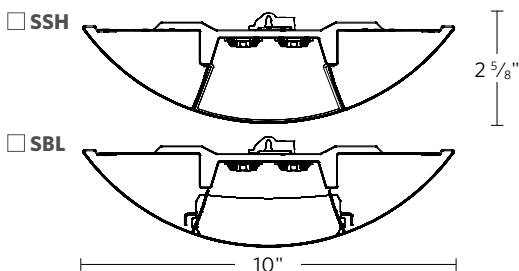




Patent Pending

DIMENSIONS



DETAILS



Sculptured End Cap

COMPANION LUMINAIRE(S)



Cerra Wall CRW7L



Cerra Wall CRW4L

CUSTOMIZATION

Ask us about the following possibilities: Higher lumen outputs up to 6800 lumens, alternate distributions, alternate voltages, additional mounting options, custom colors, higher CRI and other modifications.

HIGHLIGHTS

- Total System Integration features 5-year limited warranty by Acuity Brands covering all components and construction
- 4', 8' and 12' sections
- Up to 115 lm/W
- Four lumen packages
- High performance batwing distribution using injection-molded optic
- Dual dimming options
- Flicker-free dimming to dark (0.1%) powered by eldoLED® driver
- Integrated nLight® for system networking wired and wireless (optional)
- Integrated nLight sensor for daylight dimming and/or occupancy detection (optional)
- Flat or sculptured end caps
- White, aluminum or custom color
- UGR data available on Page 4



eldoLED



Declare.



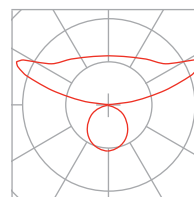
LUMEN PACKAGES

Based on 80CRI @ 3500K. Additional outputs and color temperatures available.

10CRM4L 35K	Indirect/Direct LED Output	Delivered Lumens Per Foot	Input Watts Per Foot	Lumens Per Watt
SBL	I1000LMF/500LMF	1431	13	108
SSH	I1000LMF/500LMF	1529	13	115

STANDARD DISTRIBUTION

I1000LMF/500LMF



I1000LMF 500LMF 80CRI SSH 35K
6114 Delivered lumens per 4' section
115 lm/W



A+ Capable options indicated
by this color background.

MODEL NUMBER Example: 10CRM4L LLP 8FT MSL8 80CRI SSH 35K I1000LMF 700LMF DARK ZT 120 SCT F1/24F C110

Luminaire	Linear Length Plan	Total Run Length	Maximum Section Length	LED Color Rendering	Lensing	LED Color Temperature	Indirect LED Output
10CRM4L	LLP Linear longest possible LSL Longest same length LCB Linear center balanced	___FT <i>*Indicate luminaire row length in 4' increments. Ex: 12FT</i>	MSL4 4' section(s) MSL8 8' section(s) MSL12 12' section(s)	80CRI 80+ CRI 90CRI 90+ CRI	SBL Straight Blade Baffle SSH Softshine High Performance Lens	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K	I700LMF 700 nominal lumens per foot I1000LMF 1000 nominal lumens per foot I1300LMF 1300 nominal lumens per foot <i>*Nominal distribution. Refer to photometric tests for exact distribution.</i>

Direct LED Output	Minimum Dimming Level	Control Input	Voltage	Wiring Option
300LMF 300 nominal lumens per foot 500LMF 500 nominal lumens per foot 700LMF 700 nominal lumens per foot 1000LMF 1000 nominal lumens per foot <i>*Nominal distribution. Refer to photometric tests for exact distribution.</i>	DARK Constant current, dimming to < 1% MIN1 Constant current, dimming to 1%	ZT¹ 0-10V NLIGHT² nLight enabled DALI^{2,3} DALI enabled NLTAIR2⁴ 1. 0-10V will use linear dimming curve 2. Will use Logarithmic dimming curve 3. Not available with sensors 4. NLTAIR2 For SCT Only. <i>*For additional ordering assistance consult "Intelligent Luminaire Technology Guide" on page 7</i>	120 120V 277 277V 347^{1,2} 347V MVOLT 120V-277V 1. J-box mount step down transformer (1) per section 2. Not available with NLIGHT or F2 mount or DCT	SCT¹ Single circuit DCT² Dual Circuit 1. SCT option will consist of the indirect & direct circuit being internally connected. 2. For independent dimming of indirect and direct light outputs, choose DCT

Emergency Options	Primary Sensor	Secondary Sensor
(Blank) No Emergency circuit module or Battery Power Pack 1EC (1) emergency circuit module 2EC (2) emergency circuit module ___EC ___ emergency circuit modules E10WLCP¹ 10 Watt battery pack, constant power with self diagnostics. CEC Certified 1. E10WLCP battery packs are not available with CSA or DCT *Emergency type is installed in last 4' of luminaire sections. Separate feed required.	(blank) No factory -installed, integrated sensor ADC_^{2,4} Daylight Dimming Sensor APDT_^{3,4} Dual technology occupancy sensor and daylight dimming sensor APIR_^{1,4} Passive infrared occupancy sensor and daylight dimming sensor PDT_^{2,4} Dual Technology occupancy sensor. Pir & microphonics sensor 1. Available with NLTAIR2 only 2. Not available with NLTAIR2 3. APDT available with ZT, NLIGHT and NLTAIR2 4. Sensors available with SCT only	(blank) No factory -installed, integrated sensor SADC_^{2,4} Daylight Dimming Sensor SAPDT_^{3,4} Dual technology occupancy sensor and daylight dimming sensor SAPIR_^{1,4} Passive infrared occupancy sensor and daylight dimming sensor SPDT_^{2,4} Dual Technology occupancy sensor. Pir & microphonics sensor 1. Available with NLTAIR2 only 2. Not available with NLTAIR2 3. APDT available with ZT, NLIGHT and NLTAIR2 4. Sensors available with SCT only

Mounting Type/	Overall Suspension	Color	Options
F1/^{1,4,5} T-bar ceiling (universal mounting bracket) F1A/^{1,4,5} T-bar ceiling (UMB with integrated J-box) F2/^{2,4,5} Hard ceiling (horizontal J-box) F3/^{3,4,5} Rigid Stem 1. F1 & F1A Mount uses standard 3 1/2" canopy on feed and 2" canopy on support. 2. F2 Mount uses standard 5" canopy on feed and 2" canopy on support 3. F3 Mount uses standard 5" canopy on both feed & support 4. All feed cords, cord managers, canopies and stems are standard white. They are not painted to match fixture. 5. BLK is an available option.	12F 12" fixed 18F 18" fixed 24F 24" fixed 36F¹ 36" fixed 48F¹ 48" fixed 24A 24" adjustable 36A 36" adjustable 48A 48" adjustable 72A 72" adjustable 96A 96" adjustable 144A 144" adjustable 192A 192" adjustable 240A 240" adjustable 1. For stem F3 Mount only *Measured from ceiling to bottom of luminaire.	C110 Painted aluminum (low gloss) C210 White white (fine textured) C099¹ Custom color RALTB² RAL Paint Finishes 1. C099 for pricing only. Custom color chip and requested finish needs to be sent in to your Customer Care Rep and matched up with our paint department and customer approved before order is entered. Standard finish choice is Textured (C099T) 2. RALTB for pricing only. Replace with applicable RAL number and finish when ready to order. See the RAL BROCHURE for available color options. Standard finish choice is Textured (RALxxxxT)	BAA¹ Buy America(n) Act and/or Build America Buy America Qualified BLK² Black cord, cord manager and canopy CSA³ Manufactured to Canadian standards CP Chicago Plenum (available with F1A only) ELH⁴ Emergency through-wiring w/separate neutrals-single EM feed at opposite end of normal ELS2⁴ Emergency through-wiring w/separate neutrals-single EM feed at same end of normal GLR Fast blow GMF Slow blow MCS⁵ Matching canopy at support for aesthetics MCSJ^{5,6} Matching canopy for J-box mounting at non-power feed support locations OJB^{5,7} Offset J-box at feed SCEP Sculptured end caps SLP⁸ Sloped ceiling 1. Not available with 12' Sections 2. BLK not available with NLIGHT 3. CSA with EC consult factory 4. ELH & ELS2 not available with CSA 5. MCS or MCSJ cannot be chosen with OJB 6. MCSJ Available with F2 Mount only 7. OJB Available with F2 Mount only 8. When SLP is chosen need to choose F2 Mount and OJB.

SPECIFICATIONS

Housing

Nominal 10" x 3" crescent housing is formed from one-piece cold-rolled steel.

End Caps

Flat die-cast aluminum end cap standard. For sculptured die-cast aluminum end caps, choose option SCEP.

Color

Color for housing and end caps is white or painted aluminum. Consult factory for custom colors.

Luminaire Length

4', 8' or 12' lengths in a single section. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Source

Four LED lumen packages and four available color temperature options (2700K, 3000K, 3500K, 4000K, and 5000K) — all within 2.5 MacAdam ellipses.

Optics

Optical system consists of injection-molded primary optic high performance film and highly reflective metal reflector.

Dimming Driver

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.

When Control Input of 0-10V is specified driver will be set for linear dimming curve, if NLIGHT is specified driver will be set for logarithmic dimming curve.

For 0-10V driver details go to: PeerlessLighting.com/566L

For DALI driver details go to: PeerlessLighting.com/560L

Controls and System Networking Options

For wired networking via Cat-5e, choose an integrated nLight® module For daylight dimming and/or dual technology occupancy detection. See Integrated Sensor Layout Page for more details.

Electrical

LED light engine — consisting of modular LED boards and eldoLED® dimming driver — is rated for 60,000 hours (L80) at 25° C ambient temperature. Specify 120V or 277V. Pre-wired with 16AWG fixture wire. For special circuiting or wire gauge, consult factory. Plug-in electrical connectors included.

Environment

Suitable for damp location.

Validation

CSA/CUS listed. CSA tested to UL 1598 standards. LM-79 tested. Individual sections meet FCC Part 15 requirements.

Packaging

Recycled cardboard box and inserts. Biodegradable protective luminaire bag. Recycled kraft paper tape.

Government Procurement

BAA – Product with the BAA option qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product with the BAA option also qualifies as manufactured in the United States under DOT Buy America regulations. BABA – Build America Buy America: Product with the BAA option also 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.

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.

Fixture Weights

Approximately 5lbs per foot less packaging for base fixture

A+ Capable Luminaire

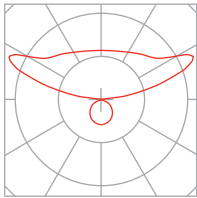
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency
- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*
- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

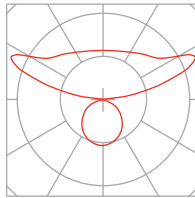
To learn more about A+, visit www.acuitybrands.com/aplus.

*See ordering tree for details

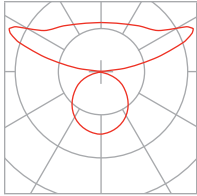
FIXTURE PERFORMANCE DATA



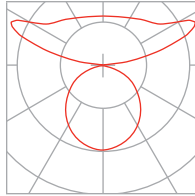
**I1000LMF 300LMF 80CRI
SSH 35K**
5167 Delivered lumens per 4'
section
114 lm/W



**I1000LMF 500LMF 80CRI
SSH 35K**
6114 Delivered lumens per 4'
section
115 lm/W



**I1000LMF 700LMF 80CRI
SSH 35K**
6880 Delivered lumens per 4'
section
114 lm/W



**I1000LMF 1000LMF 80CRI
SSH 35K**
7836 Delivered lumens per 4'
section
109 lm/W

How to Calculate Delivered Lumens in Emergency Mode

Use the formula below to determine the delivered lumens in emergency mode

$$\text{Delivered Lumens} = 1.25 \times P \times \text{LPW}$$

P = Output power of emergency driver. P = 10W for E10WLCP option.

LPW = Lumen per watt rating of the luminaire. This information is available on the ABL luminaire spec sheet. LPW = Lumen per watt rating of the luminaire.

LPW information available in Performance Data section.

Direct Lumen Package	UGR (70% 50% 20% reflectance using a 4H x 8H room size)			
	Crosswise		Endwise	
	SSH	SBL	SSH	SBL
300LMF	11.4	10.8	12.6	12.5
500LMF	15.3	6.8	16.6	8.5
700LMF	17.3	12.8	18.6	14.5
1000LMF	19.1	14.6	20.3	16.3

UGR multiplier chart	
Indirect Lumens	Scale Factor
I700LMF	1.09
I1000LMF	1.03
I1300LMF	1.00

* Calculated with 1300 indirect lumens, decreases in indirect lumens will increase the UGR numbers, see chart below for guidance. UGR numbers calculated this way are for reference only, refer to IES files for the exact numbers.

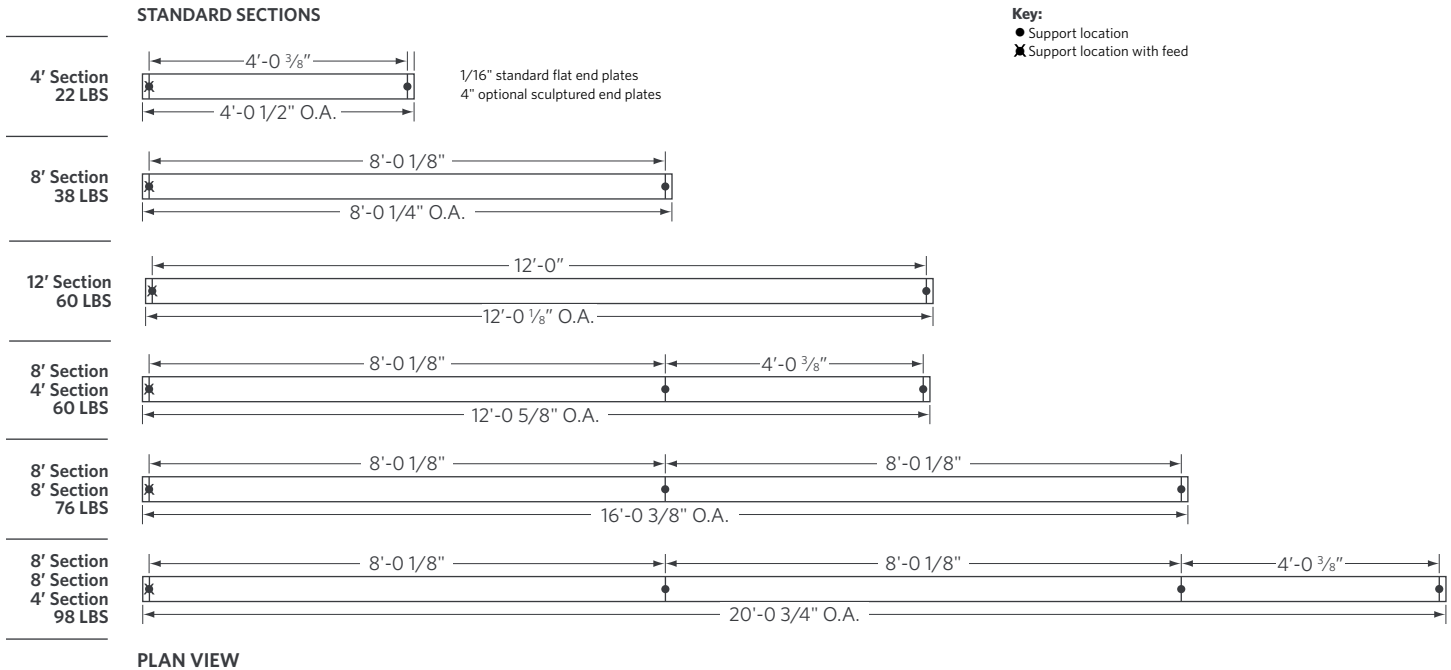
** Calculations based on a 4 foot fixture.

*** 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.

**** Click here for more information on [UGR FAQ](#).

WEIGHTS & SUPPORT SPACING

Suspension spacing equals section length. Default location shown.



LINEAR PLAN:

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

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: 20 FT run would have 2, 4 FT segments (one at each end) and 1, 12 FT segment in the center.

LCB	4 FT	12 FT	4 FT
-----	------	-------	------

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 segment and 1, 4 FT segment at the end of the run.

LLP	8 FT	8 FT	4 FT
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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 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).

LSL	4 FT	4 FT	4 FT	4 FT	4 FT
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MOST COMMON MOUNTING TYPES AND OPTIONS

Options available for this specific luminaire are checked in the boxes below.

Mounting Type

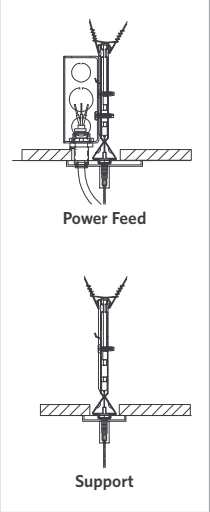
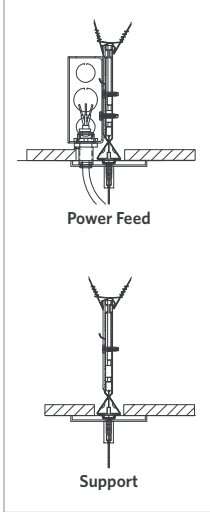
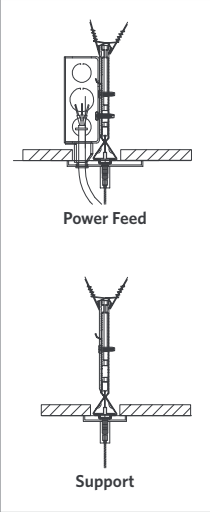
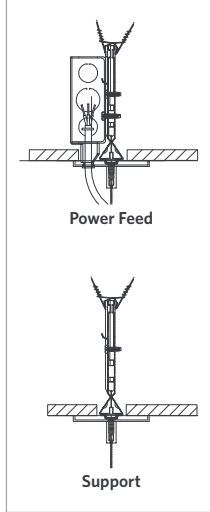
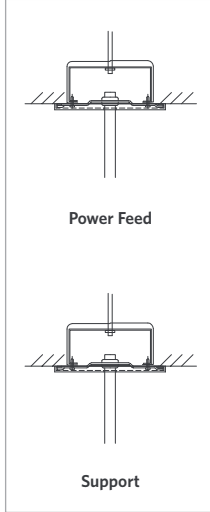
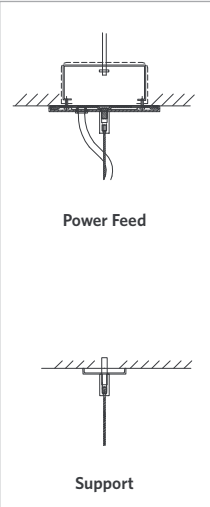
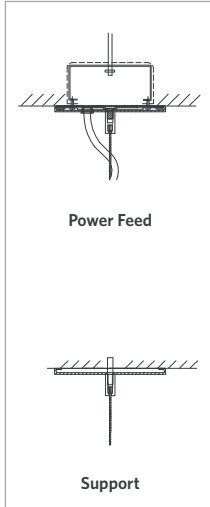
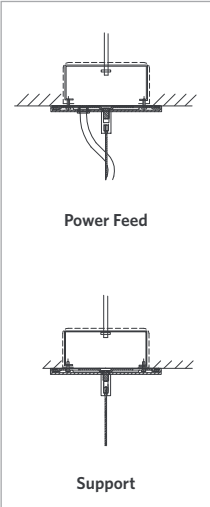
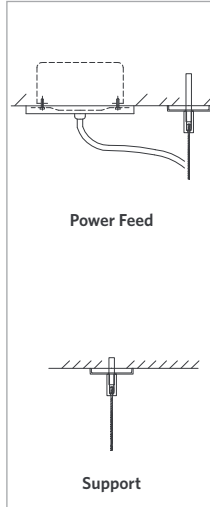
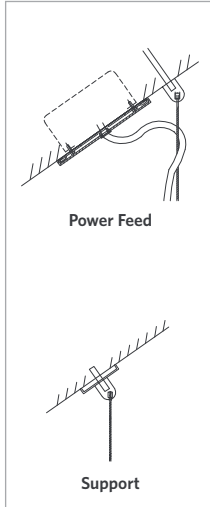
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface-mount horizontal J-box applications.
- F3/** Stem mounting for use with recessed or surface-mount horizontal J-box applications. *Check with local jurisdiction regarding rigid stem code requirements.*
- F1A/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications. *Comes complete with vertical J-box with built-in wire way. See also CP.*

Mounting Options

- MCS** Matching canopy at support for aesthetics.
- MCSJ** Matching canopy for J-box mounting at non-power feed support locations.
- OJB** Offset J-box at feed.
- SLP OJB** Sloped ceiling couplers and offset J-box option at feed.

For more detailed mounting drawings and information, see <https://peerlesslighting.acuitybrands.com/resources/product-resources>

✓ Indicates mounting options available with this luminaire.

<p>✓ F1/</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F1/MCS</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F1A/</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F1A/MCS</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F3/</p>  <p>Power Feed</p> <p>Support</p>
<p>✓ F2/</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F2/MCS</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F2/MCSJ</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F2/OJB</p>  <p>Power Feed</p> <p>Support</p>	<p>✓ F2/SLP OJB</p>  <p>Power Feed</p> <p>Support</p>

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

Choose nomenclature from these columns				
Driver Configurations	Minimum Dimming Level	Control Input	Dimming Range	Notes
	DARK	+ ZT	= 100% to 0.1%	Linear Dimming, supplied with leads for 0-10V control
	DARK	+ NLIGHT	= 100% to 0.1%	Logarithmic Dimming, NEPS 60 IO EZ LC included with luminaire
	DARK	+ DALI	= 100% to 0.1%	Logarithmic Dimming, DALI controls and power supply by others
	DARK	+ NLTAIR2	= 100% to 0.1%	Logarithmic Dimming, DALI power supply included with luminaire
	MIN1	+ ZT	= 100% to 0.1%	Linear Dimming, supplied with leads for 0-10V control
	MIN1	+ NLIGHT	= 100% to 0.1%	Logarithmic Dimming, NEPS 60 IO EZ LC included with luminaire
	MIN1	+ NLTAIR2	= 100% to 0.1%	Logarithmic Dimming, internal DALI power supply included with luminaire
Control + Sensor Configurations	Control Input	Sensor	Sensor	Notes
	ZT	+ ADC	= MSD EZ ADC	0-10V control Daylight sensor
	ZT	+ PDT	= MSD PDT 7 EZ	0-10V control Occupancy sensor
	ZT	+ APDT	= MSD PDT 7 EZ ADC	0-10V control Daylight with Occupancy sensor
	NLIGHT	+ ADC	= NES ADCX	nLight control Daylight sensor
	NLIGHT	+ PDT	= NES PDT 7	nLight control Occupancy sensor
	NLIGHT	+ APDT	= NES PDT 7 ADCX	nLight control Daylight with Occupancy sensor
	NLTAIR2	+ RIO	= RIO EZDL EXT900 ACWH G2	nLight Air fixture embedded network interface
	NLTAIR2	+ APIR	= RES7 EXT900 ACWH G2	nLight Air PIR Daylight sensor
	NLTAIR2	+ APDT	= RES7 PDT EXT900 ACWH G2	nLight Air Dul Tech PIR/Microphonics Daylight sensor

Daylight harvesting deactivated by default and field programmed per sequence of operations.

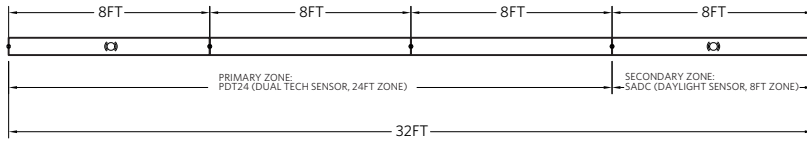
Luminaires specified with nLight system networking ship with one RJ-45 connector integrated into the luminaire, 10' of Cat-5e cable and a splitter to control the entire luminaire row (depending on wattage/voltage limitations). For multiple zones, please contact TechSupport-Peerless@AcuityBrands.com.



INTEGRATED SENSOR LAYOUT

CORRECT:

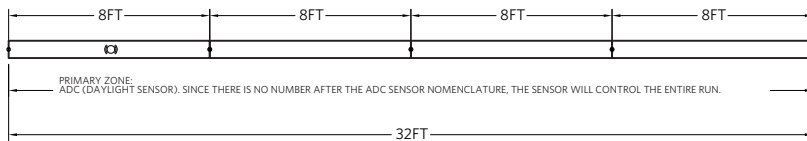
32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 24FT AND SECONDARY ZONE 8FT -- PDT24 SADC8



Notes:

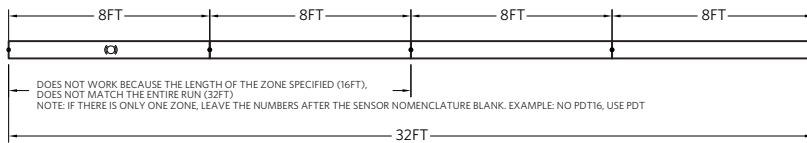
- Only one sensor per zone
- At the most, the entire run can only have 2 sensors (thus 2 sensors zones at the most)
- Sensor zone can not split fixture sections
- No overlapping zones
- One nLight or NLTAIR2 device per zone or per sensor, for multiple zones without sensors contact factory

32FT MSL8 RUN WITH 1 SENSOR ALL ONE ZONE -- ADC

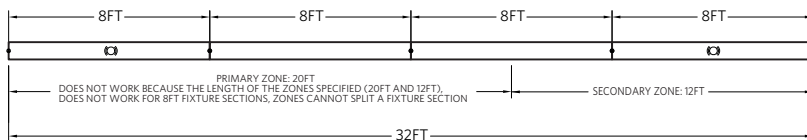


INCORRECT:

32FT MSL8 RUN WITH 1 SENSOR ALL ONE ZONE -- PDT16



32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 20FT AND SECONDARY ZONE 12FT -- PDT20 SADC12



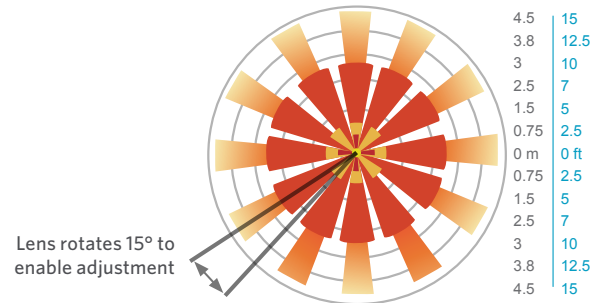
OCCUPANCY DETECTION COVERAGE

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.



COMPATIBLE nLIGHT COMPONENTS WITH INTEGRATED CONTROLS

nLight® Wired Control Accessories Order as separate catalog number	
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)

nLight AIR® Control Accessories Order as separate catalog number	
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)

eldoLED COMPATIBILITY For compatible dimmers & switches please see the EldoLED compatibility document

PeerlessLighting.com/eldoLED-compatibility