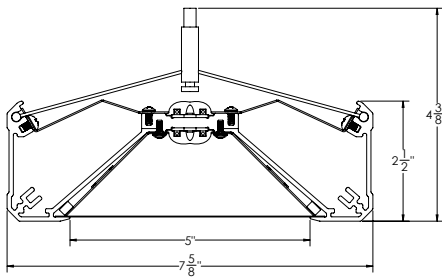


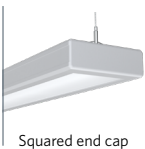


DIMENSIONS

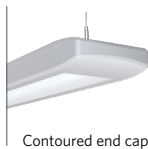
PRPID



DETAILS

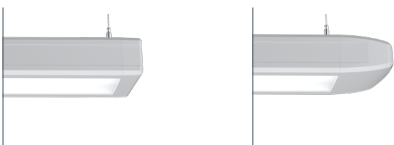


Squared end cap



Contoured end cap

COMPANION LUMINAIRE(S)



PRPD Direct

CUSTOMIZATION

Ask us about the following possibilities: Section lengths in 2' increments, additional mounting options, custom colors and other modifications

HIGHLIGHTS

- Total System Integration features 5-year limited warranty by Acuity Brands covering all components and construction
- 4', 6' and 8' Sections
- Up-to 104ft of seamless uninterrupted lens
- 12-24 Inch Adjustable mounting positioning
- Up to 132 lm/W
- Multiple outputs available
- Softshine®-engineered comfort optics
- High performance indirect batwing distribution using injection-molded optic
- Flicker-free dimming to dark (0.1%)
- Dual Dimming Options
- Integrated nLight® for system networking wired and wireless (optional)
- Integrated sensor for daylight dimming and/or occupancy detection (optional)
- Square or Contoured end caps
- White, black, aluminum or custom color
- UGR data available on Page 4



eldoLED



Declare.

LUMEN PACKAGES

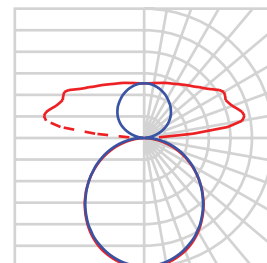
Based on 80CRI @ 3500K. Additional outputs and color temperatures available.

Indirect LED Output/Direct LED Output	I300LMF/ 300LMF	I600LMF/ 600LMF	I1900LMF/ 1400LMF	I2000LMF/ 1500LMF
Indirect Delivered Lumens Per Foot/ Direct Delivered Lumens Per Foot	261/321	592/633	1795/1591	1743/1547
Total Delivered Lumens Per Foot	582	1226	3387	3301
Input Watts Per Foot	5	9.3	31.5	32.4
Lumens Per Watt	116	131	107	102

*Please pull the appropriate IES file for the hard data number for your luminaire selection.

DISTRIBUTION

80CRI 35K I300LMF/300LMF



MODEL NUMBER Example: PRPID LLP 16FT MSL8 80CRI 35K I600LMF 1400LMF DARK ZT 120 SCT F1/24A C210 SQEP

Luminaire	Linear Length Plan	Total Run Length	Maximum Section Length	Color Rendering	Color Temperature
PRPID	LLP Linear Longest Possible LSL Longest Same Length <i>*For more information on linear plans, see page 5</i>	___FT <i>Indicate luminaire row length in 2' increments with minimum of 4FT.</i> <i>*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.</i> <i>**Please consult factory for any continuous run length that exceeds 104FT</i>	MSL4 4' section(s) MSL6 6' section(s) MSL8 8' section(s)	80CRI 80+ CRI 90CRI 90+ CRI	27K 2700K 30K 3000K 35K 3500K 40K 4000K 50K 5000K

Indirect Output	Direct Output	Minimum Dimming Level	Control Input	Voltage
I300LMF 300 Nominal lumens Per Foot I600LMF 600 Nominal lumens Per Foot I1900LMF 1900 Nominal lumens Per Foot I2000LMF 2000 Nominal lumens Per Foot <i>*Available in 100 lumen increments between min of I300LMF & max of I2000LMF.</i> <i>**Nominal distribution. Refer to photometric tests for exact distribution</i>	300LMF 300 Nominal lumens Per Foot 600LMF 600 Nominal lumens Per Foot 1400LMF 1400 Nominal lumens Per Foot 1500LMF 1500 Nominal lumens Per Foot <i>*Available in 100 lumen increments between min of 300LMF & max of 1500LMF.</i> <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 nLight AIR enabled <i>1. 0-10V will use linear dimming curve</i> <i>2. Will use Logarithmic dimming curve</i> <i>3. Not available with sensors or MIN1</i> <i>4. NLTAIR2 for SCT Only</i> <i>*For additional ordering assistance consult "Intelligent Luminaire Technology Guide" on page 9</i>	120 120V 277 277V 347^{1,2} 347V MVOLT 120V-277V <i>1. J-box mount step down transformer (1) per section</i> <i>2. Not available with NLIGHT, F2 Mount or DCT</i>

Wiring Option	Emergency Options	Primary Sensor	Secondary Sensor
SCT¹ Single circuit DCT² Dual circuit <i>1. SCT option will consist of the indirect & direct circuit being internally connected</i> <i>2. DCT will require field programming for DALI & NLIGHT Control input</i>	(Blank) No Emergency circuit module or Battery Power pack 1EC^{1,2} (1) emergency circuit module 2EC^{1,2} (2) emergency circuit module ___EC^{1,2} ___ emergency circuit modules E10WLCP^{3,4} _10 Watt battery pack, constant power with self diagnostics. CEC Certified <i>1. EC not available with combination of 4FT MSL4 & sensor. EC not available with CSA.</i> <i>2. For EC + ZT must provide an external emergency control device. ETS20 DR Emergency Control Device is recommended (page 10)</i> <i>3. E10WLCP battery packs are not available with 4FT MSL4 + NLIGHT + DCT</i> <i>4. A.C driver and battery pack must be on the same branch circuit</i> <i>*Emergency type is installed in last half of the last luminaire sections. Separate feed required.</i>	(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 <i>1. Available with NLTAIR2 only</i> <i>2. Not available with NLTAIR2</i> <i>3. APDT available with ZT, NLIGHT and NLTAIR2</i> <i>4. DCT & ZT combination not available with sensors</i>	(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 <i>1. Available with NLTAIR2 only</i> <i>2. Not available with NLTAIR2</i> <i>3. SAPDT available with ZT, NLIGHT and NLTAIR2</i> <i>4. DCT & ZT combination not available with sensors</i>

Mounting Type/	Overall Suspension	Color	End Caps
F1/^{1,3,4} T-bar ceiling (universal mounting bracket) F1A/^{1,3,4} T-bar ceiling (UMB with integrated J-box) F2/^{2,3,4} Hard ceiling (horizontal J-box) <i>1. F1 & F1A Mount uses standard 3 1/2" canopy on feed and 2" canopy on support</i> <i>2. F2 Mount uses standard 5" canopy on feed and 2" canopy on support</i> <i>3. All feed cords, cord managers and canopies are standard white. They are not painted to match fixture color</i> <i>4. BLK is an available option</i>	24A 24" adjustable 48A 48" adjustable 72A 72" adjustable 96A 96" adjustable 144A 144" adjustable 240A 240" adjustable <i>*Measured from ceiling to bottom of luminaire.</i>	C110 Painted aluminum (low gloss) C210 White white (fine textured) C202 Black (fine textured) C099¹ Custom color RALTB^{2,3} RAL Paint finishes <i>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)</i> <i>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)</i>	SQEP Square End caps CTEP Contoured End caps

Options		
BLK¹ Black cord, cord manager and canopy CP Chicago Plenum (available with F1A only) CSA² Manufactured to Canadian standards ELH³ Emergency through-wiring w/separate neutrals-single EM feed at opposite end of normal ELS2³ Emergency through-wiring w/separate neutrals-single EM feed at same end of normal <i>1. BLK not available with nLight</i> <i>2. CSA not available with EC</i> <i>3. ELH & ELS2 not available with CSA.</i>	GLR Fast blow GMF Slow blow MCS⁴ Matching canopy at support for aesthetics MCSJ^{4,5} Matching canopy for J-box mounting at non-power feed support locations <i>4. MCS or MCSJ cannot be chosen with OJB</i> <i>5. MCSJ available with F2 Mount only</i> <i>6. OJB available with F2 Mount only</i> <i>7. When SLP is chosen need to choose F2 Mount and OJB.</i>	OJB^{4,6} Offset J-box at feed SLP⁷ Sloped ceiling

SPECIFICATIONS

Housing

Nominal 7 5/8" x 2 1/2" rectangular extruded aluminum housing.

End Caps

Die-cast end caps are mechanically attached with no exposed fasteners. Choose between square and contoured end caps options.

Color

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

Luminaire Length

Luminaire is available in 4', 6' and 8' sections. Using internal joiners, any section combination can be joined to form longer rows with almost 2ft incremental lengths. Add 3.85" per end cap for sculpted end caps; Add 1.30" per end cap for square end caps.

Source

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

Optics

Softshine® optical system consists of high performance lens, diffusers and metal reflectors.

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.

nLight Air Wireless

The integrated API smart sensor is part of each luminaire in the nLight AIR network, which can be grouped to control multiple luminaires. The granularity of control with the digital PIR occupancy detection and daylight sensing makes a great solution for any application. NLTAIR2 only available with SCT

Optionally you can order nLight AIR without sensors for compatibility with an nLight Air wireless system.

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

Long-life LEDs, coupled with high-efficiency drivers, provide superior quantity and quality of illumination for extended service life. 80% LED lumen maintenance at 60,000 hours (L80/60,000) at 25° C ambient temperature.

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. Lighting Facts partner.

Packaging

100% post-consumer recycled cardboard box and inserts. Biodegradable, protective luminaire bag. Recycled kraft paper tape

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 5-6 lbs per foot less packaging for base fixture

A+ Capable Luminaire

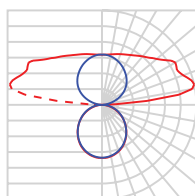
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning when used with Acuity Brands controls products.

All configurations of this luminaire are calibrated and tested to meet the Acuity Brand's specification for chromatic consistency - including color rendering, color fidelity and color temperature tolerance around standard CIE chromaticity coordinates.

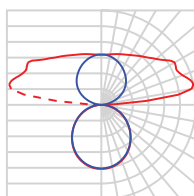
To learn more about Acuity A+ standards, specifications, and testing visit www.acuitybrands.com/aplus.

*See ordering tree for details

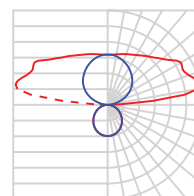
FIXTURE PERFORMANCE DATA



Test Report: ISF 221281-INT
104950306CRT078C2P589
PRPID 4FT 80CRI 35K
I1200LMF/600LMF
120 Lm/W
1788 Delivered lumens per foot



Test Report: ISF 221281-INT
104950306CRT078C2P618
PRPID 4FT 80CRI 35K
I1400LMF/900LMF
117 Lm/W
2322 Delivered lumens per foot



Test Report: ISF 221281-INT
104950306CRT078C2P666
PRPID 4FT 80CRI 35K
I1800LMF/500LMF
119 Lm/W
2391 Delivered lumens per foot

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.

PROJECTED LED LUMEN MAINTENANCE

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1	0.95	0.91	0.83

CCT SCALING CHART

CCT	CRI	MULTIPLIER
27K	80CRI	0.94
30K	80CRI	0.97
35K	80CRI	1
40K	80CRI	1.01
50K	80CRI	1.03
27K	90CRI	0.79
30K	90CRI	0.81
35K	90CRI	0.83
40K	90CRI	0.84
50K	90CRI	0.89

*Lumen scaling charts can be used to approximate the lumen values at different Kelvin temperatures, color rendering indices, optics or shielding. Example: Calculating the lumen change from PRPID 4FT 80CRI 35K I1100LMF 800LMF to 80CRI 40K = 8339.3 Lumens x 1.01 multiplier = 8422.6 Lumens

R9 VALUES CHART

R9 Values		
27K	90CRI	57.04
30K	90CRI	54.6
35K	90CRI	55
40K	90CRI	61.65
50K	90CRI	56.2

UGR CHART

Direct Lumen Package	UGR (70% 50% 20% reflectance using a 4H x 8H room size)	
	Crosswise	Endwise
300LMF	11.6	11
400LMF	14.1	13.5
500LMF	15.5	14.9
600LMF	16	15.4
700LMF	17.7	17.1
800LMF	18.1	17.5
900LMF	18.4	17.9
1000LMF	19.1	18.6
1100LMF	20	19.4
1200LMF	20.6	20
1300LMF	21.3	20.7
1400LMF	21.8	21.2
1500LMF	21.6	21

UGR multiplier chart	
Indirect Lumens	Scale Factor
I300LMF	1.31
I400LMF	1.09
I500LMF	1.07
I600LMF	1.19
I700LMF	1.16
I800LMF	1.14
I900LMF	1.23
I1000LMF	1.11
I1100LMF	1.07
I1200LMF	1.08
I1300LMF	1.05
I1400LMF	1.04
I1500LMF	1.03
I1600LMF	1.01
I1700LMF	0.99
I1800LMF	0.99
I1900LMF	0.99
I2000LMF	1.00

* Calculated with 2000 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](#)

LINEAR PLAN:

PEERLESS offers the ability to provide a continuous run plan to suit your requirements by optionally offering two 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, 8FT segments and 1, 4FT Segment at the end of the run.

LLP	8 FT	8 FT	4FT
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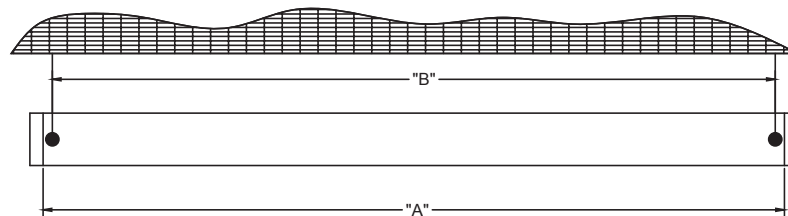
LSL- Linear Same Length:

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	4FT	4FT	4FT	4FT	4FT
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WEIGHTS & SUPPORT SPACING

Suspension spacing equals section length. Default location shown.



LEGEND:

A - Luminaire Length (excluding end caps on both ends).

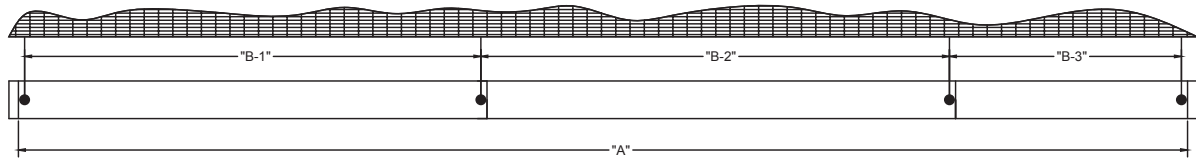
B - Luminaire Suspension Points center-to-center distance

INDIVIDUAL FIXTURES (MOUNTING)					
ORDERED LENGTH	"A"	"B"	STANDARD END CAP* (*including end caps on both sides)	CONTOURED END CAP* (*including end caps on both sides)	APPROX. WEIGHT
4FT	4'- 0" [1220 mm]	3'- 11 3/8" [1204 mm]	2 1/2" [64 mm]	7 3/4" [197 mm]	21-24 lbs. [10-11 kg]
6FT	6'- 0" [1828 mm]	5'- 11 3/8" [1813 mm]	2 1/2" [64 mm]	7 3/4" [197 mm]	31-36 lbs. [14-16 kg]
8FT	8'- 0" [2438 mm]	7'- 11 3/8" [2423 mm]	2 1/2" [64 mm]	7 3/4" [197 mm]	41-48 lbs. [19-22 kg]

* See next page for more Weights & Support Spacing layouts.

WEIGHTS & SUPPORT SPACING (Continued)

Suspension spacing equals section length. Default location shown.

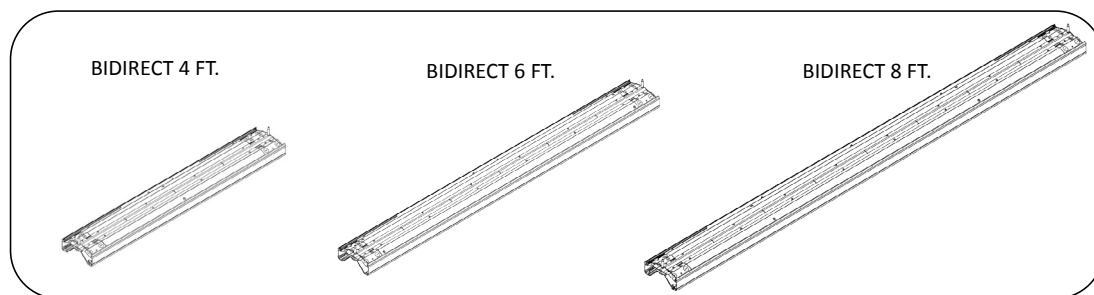


LEGEND:

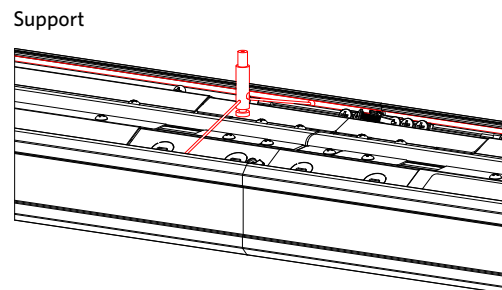
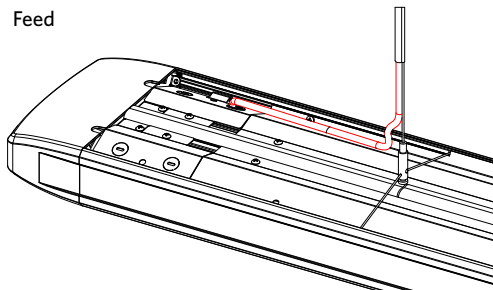
A - Luminaire Length (excluding end caps on both ends).

B - Luminaire Suspension Points center-to-center distance

RUN LAYOUT (MOUNTING)							
ORDERED LENGTH	"A"	"B-1"	"B-2"	"B-3"	STANDARD END CAP* (*including end caps on both sides)	CONTOURED END CAP* (*including end caps on both sides)	APPROX. WEIGHT
4' SECTION 4' SECTION	8'- 0" [2438 mm]	3'- 11 3/8" [1204 mm]	4'- 0" [1220 mm]	N/A	2 1/2" [64 mm]	7 3/4" [197 mm]	42-48 lbs. [19-22 kg]
6' SECTION 4' SECTION	10'- 0" [3048 mm]	5'- 11 3/8" [1813 mm]	4'- 0" [1220 mm]	N/A	2 1/2" [64 mm]	7 3/4" [197 mm]	52-60 lbs. [24-27 kg]
8' SECTION 4' SECTION	12'- 0" [3657 mm]	7'- 11 3/8" [2423 mm]	4'- 0" [1220 mm]	N/A	2 1/2" [64 mm]	7 3/4" [197 mm]	62-72 lbs. [28-33 kg]
6' SECTION 6' SECTION	12'- 0" [3657 mm]	5'- 11 3/8" [1813 mm]	6'- 0" [1828 mm]	N/A	2 1/2" [64 mm]	7 3/4" [197 mm]	62-72 lbs. [28-33 kg]
8' SECTION 6' SECTION	14'- 0" [4267 mm]	7'- 11 3/8" [2423 mm]	6'- 0" [1828 mm]	N/A	2 1/2" [64 mm]	7 3/4" [197 mm]	72-84 lbs. [33-38 kg]
8' SECTION 8' SECTION	16'- 0" [4877 mm]	7'- 11 3/8" [2423 mm]	8'- 0" [2438 mm]	N/A	2 1/2" [64 mm]	7 3/4" [197 mm]	82-96 lbs. [37-44 kg]
8' SECTION 8' SECTION 4' SECTION	20'- 0" [6096 mm]	7'- 11 3/8" [2423 mm]	8'- 0" [2438 mm]	4'- 0" [1220 mm]	2 1/2" [64 mm]	7 3/4" [197 mm]	103-120 lbs. [47-55 kg]



VARIABLE MOUNTING POINTS



Note:
Proper allows the installer the ability to avoid obstructions with up to 24" of travel between fixtures, and 12" of travel at the beginning and end of the run. If adjusting the feed location, please ensure that you have 12" of extra cord length to accommodate your drop distance.

MOST COMMON MOUNTING TYPES AND OPTIONS

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

Mounting Type

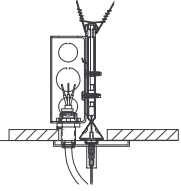
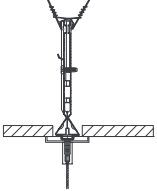
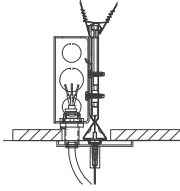
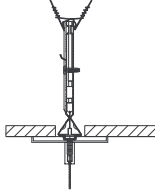
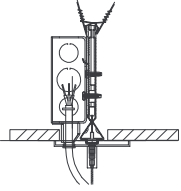
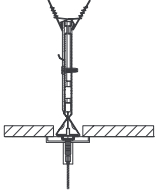
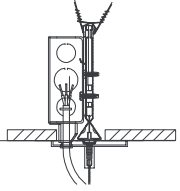
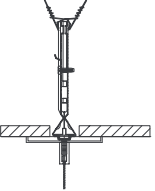
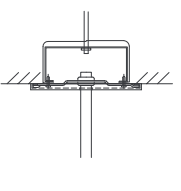
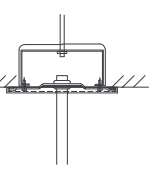
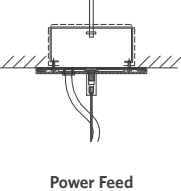
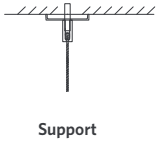
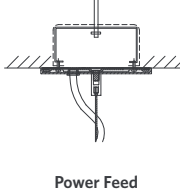
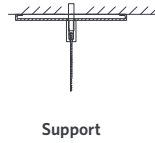
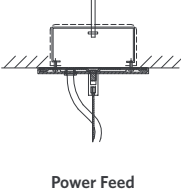
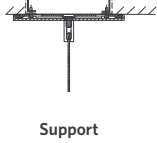
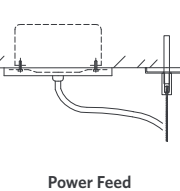
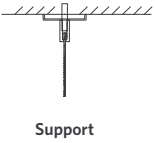
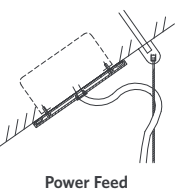
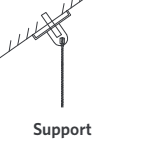
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface-mount horizontal J-box applications.
- F3/** Stem mounting for use with recessed or surface-mount horizontal J-box applications. *Check with local jurisdiction 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 peerlesslighting.acuitybrands.com/resources/product-resources

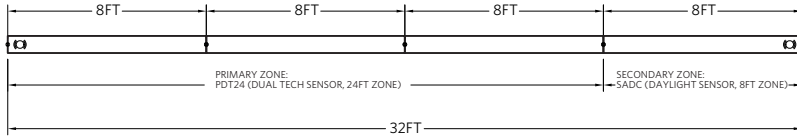
☒ Indicates mounting options available with this luminaire.

☒ F1/	☒ F1/MCS	☒ F1A/	☒ F1A/MCS	☐ F3/
 Power Feed  Support	 Power Feed  Support	 Power Feed  Support	 Power Feed  Support	 Power Feed  Support
☒ F2/	☒ F2/MCS	☒ F2/MCSJ	☒ F2/OJB	☒ F2/SLP OJB
 Power Feed  Support	 Power Feed  Support	 Power Feed  Support	 Power Feed  Support	 Power Feed  Support

INTEGRATED SENSOR LAYOUT

CORRECT:

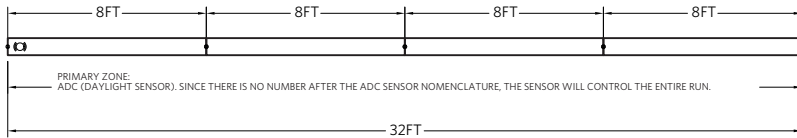
32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 24FT AND SECONDARY ZONE 8FT -- PDT24 SADC8



Notes:

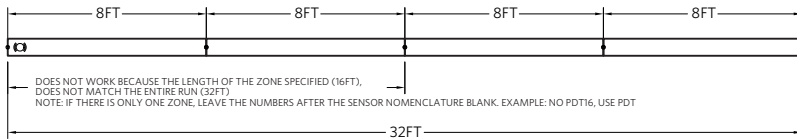
- Only one sensor per zone
- At the most, the entire run can only have 2 sensors (thus 2 sensors zones at the most)
- Sensor zone can not split fixture sections
- No overlapping zones
- NLIGHT - power packs are one per zone
- One nLight or NLTAIR2 device per zone or per sensor, for multiple zones without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

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

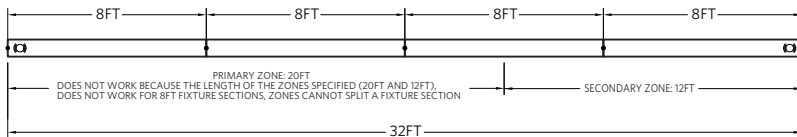


INCORRECT:

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



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, internal DALI power supply included with luminaire
	MIN1	+ ZT	= 100% to 1%	Linear Dimming, supplied with leads for 0-10V control
	MIN1	+ NLIGHT	= 100% to 1%	Logarithmic Dimming, NEPS 60 IO EZ LC included with luminaire
	MIN1	+ DALI	= 100% to 1%	Logarithmic Dimming, DALI controls and power supply by others
	MIN1	+ NLTAIR2	= 100% to 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 with External Antenna
	NLTAIR2	+ APIR	= RES7 EXT900 ACWH G2	nLight Air PIR Daylight sensor with External Antenna
	NLTAIR2	+ APDT	= RES7 PDT EXT900 ACWH G2	nLight Air Dul Tech PIR/Microphonics Daylight sensor with External Antenna

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-Lighting@AcuityBrands.com.

1. All nLight wired devices with sensors use the nEPS 60 IO EZ LC N100.
2. nLight with an emergency pack (E10WLCP) the driver and nLight to be wired to regular power.



nES ADCX



nES PDT 7



MSD EZ ADC



MSD PDT7



RES7 PDT

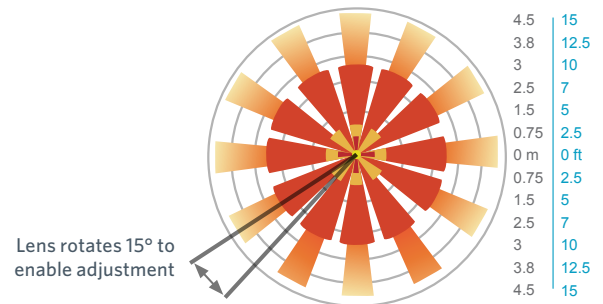
OCCUPANCY DETECTION COVERAGE

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 <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)

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)

UL924 Sequence of Operation

The below information applies to all nLight AIR devices with an EM option.

- 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.

Recommended Emergency Accessory

For EC + ZT must provide an external emergency control device. (*277G8R) ETS20 DR Emergency Control Device is recommended.

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

PeerlessLighting.com/eldoLED-compatibility