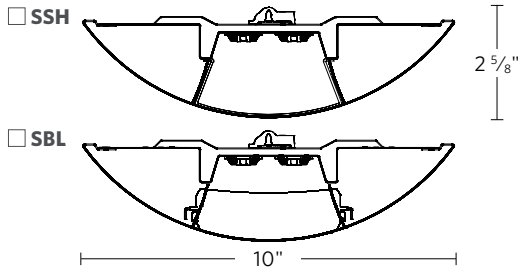




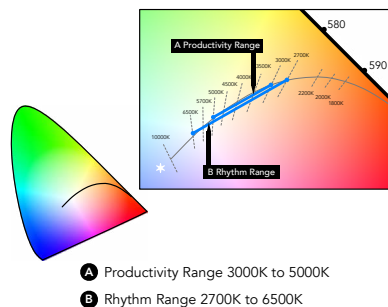
DIMENSIONS



DETAILS



Sculpted End Cap



CUSTOMIZATION

Ask us about the following possibilities: alternate distributions, alternate voltages, additional mounting options, custom colors, and other modifications.

HIGHLIGHTS

- Mainstream Dynamic Tunable White with nTune™ Technology
- Integrated nLight® for system networking
- 4' and 8' sections
- Up to 140 lm/W
- Eight distributions available (see page 2)
- Softshine®-engineered comfort optics
- High performance batwing distribution using injection-molded optic
- Flicker-free dimming to dark powered by eldoLED® driver
- Integrated sensor for daylight dimming and/or occupancy detection (optional)
- Flat or sculpted end caps
- White, aluminum or custom color



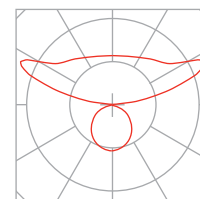
LUMEN PACKAGES

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





A+ Capable options indicated by this color background.

MODEL NUMBER Example: 10CRM4L LLP 8FT MSL4 80CRI SSH TUWH PROR I700LMF 300LMF DARK NLT 120 SCT F1/12F C110

Luminaire	Linear Length Plan	Total Run Length	Maximum Section Length	LED Color Rendering	Lensing	Dyanmic Feature
10CRM4L	LLP Linear longest possible LSL Longest same length	__FT Indicate luminaire row length in 4' increments. Ex: 12FT	MSL4 4' section(s) MSL8 8' section(s)	80CRI 80+CRI 90CRI 90+CRI	SBL Straight Blade Baffle SSH Softshine High Performance Lens	TUWH Tunable White

Dynamic Range	Indirect LED Output	Direct Light Output	Minimum Dimming Level	Control Interface	Voltage
PROR 3000K-5000K RHYP 2700K-6500K	I700LMF 700 nominal lumens per foot I1000LMF 1000 nominal lumens per foot I1300LMF 1300 nominal lumens per foot *Nominal Distribution. Refer to photometric tests for exact distribution	300LMF 300 Nominal lumens per foot 500LMF 500 Nominal lumens per foot 700LMF 700 Nominal lumens per foot 1000LMF 1000 Nominal lumens per foot *Nominal Distribution. Refer to photometric tests for exact distribution	DARK Constant current, dimming to < 1%	NLT ¹ nLight nTune interface 1. Will use Logarithmic dimming curve *For additional ordering assistance consult "Intelligent Luminaire Technology Guide" on page 7	120 120V 277 277V MVOLT 120V-277V

Wiring Option	Emergency Options	Primary Sensor	Secondary Sensor	Mounting Type/
SCT Single circuit	(Blank) No Emergency circuit module or Battery Power pack 1EC (1) emergency circuit module 2EC (2) emergency circuit module __EC ___ emergency circuit modules _E10WLCP ¹ _10 Watt battery pack, constant power with self diagnostics. CEC Certified 1. E10WLCP battery packs are not available with CSA *Emergency type is installed in last 4' of luminaire sections. Separate feed required.	(blank) No factory-installed, integrated sensor PDT_ Dual technology occupancy sensor. PIR & microphonics sensor ADC_ Daylight Dimming Sensor APDT_ Dual technology occupancy sensor and daylight dimming sensor	(blank) No factory-installed, integrated sensor SPDT_ Dual technology occupancy sensor. PIR & microphonics sensor SADC_ Daylight Dimming Sensor SAPDT_ Dual technology occupancy sensor and daylight dimming sensor	F1/ ^{1,3} T-bar ceiling (universal mounting bracket) F1A/ ^{1,3} T-bar ceiling (UMB with integrated J-box) F2/ ^{2,3} Hard ceiling (horizontal J-box) 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. All feed cords, cord managers, canopies and stems are standard white. They are not painted to match fixture.

Overall Suspension	Color	Options
12F 12" fixed 18F 18" fixed 24F 24" 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 *Measured from ceiling to bottom of luminaire.	C110 Painted aluminum (low gloss) C210 White white (fine textured) C099 ¹ Custom color RALTB ² 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 ² 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)	BAA Buy America(n) Act and/or Build America Buy America Qualified CSA ¹ Manufactured to Canadian standards CP Chicago Plenum (available with F1A only) ELH ² Emergency through-wiring w/separate neutrals-single EM feed at opposite end of normal ELS2 ² Emergency through-wiring w/separate neutrals-single EM feed at same end of normal GLR Fast blow GMF Slow blow MCS ³ Matching canopy at support for aesthetics MCSJ ^{3,4} Matching canopy for J-box mounting at non-power feed support locations OBJ ^{3,5} Offset J-box at feed SCEP Sculptured end caps SLP ⁶ Sloped ceiling 1. CSA with EC consult factory 2. ELH & ELS2 not available with CSA 3. MCS OR MCSJ cannot be chosen with OBJ 4. MCSJ available with F2 Mount only 5. OBJ available with F2 Mount only 6. When SLP is chosen need to choose F2 Mount and OBJ



MAINSTREAM DYNAMIC
BY ACUITY BRANDS®

SPECIFICATIONS

Housing

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

End Caps

Die-cast end caps are mechanically attached with no exposed fasteners. Flat end caps standard. For sculptured 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' and 8' lengths in a single section for exact suspension spacing of 4' and 8'. For total luminaire length, add 5/8" for each flat end cap and 4" for each sculptured end cap. Using internal joiners, 4' and 8' sections can be joined to form longer rows.

Source

Two LED lumen packages, with end points, falling 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.

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.

Mainstream Dynamic with nTune Technology:

This luminaire is enabled with nTune technology, meaning it has the ability to communicate digitally over an nLight network. When wired, using CAT-5 cabling, with other nLight-enabled sensors, power packs, or WallPods, an nLight control zone is created. Once linked to a Gateway, directly or via a Bridge, the zone becomes capable of timeclock control, remote status monitoring, and control via SensorView software.

Controls and System Networking Options

Wired networking via Cat-5e. For daylight dimming and/or dual technology occupancy detection, see Page 5 for integrated sensor options. Included Cat-5e cable; connect continuous sections together. Minimal cable may be visible at joining sections from above fixture.

One control module per 4' section.

Electrical

LED light engine — consisting of modular LED boards and eldoLED® dimming driver — is rated for 50,000 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

100% post-consumer 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

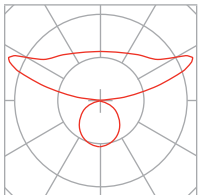
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- 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

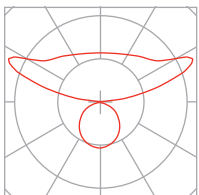
FIXTURE PERFORMANCE DATA



ID1000LMF/500LMF SBL 35K

108 lm/W
5724 delivered lumens
per 4' section

73% up/ 27% down



ID1000LMF/500LMF SSH 35K

115 lm/W
6116 delivered lumens
per 4' section

73% up/ 27% down

How to Calculate Delivered Lumens in Emergency Mode

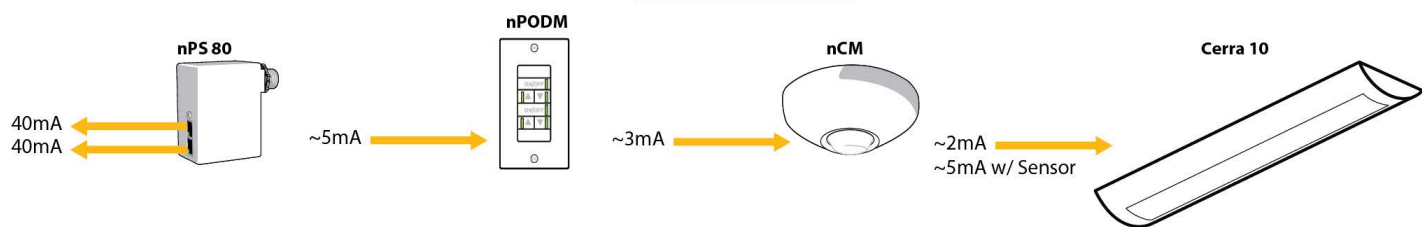
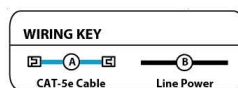
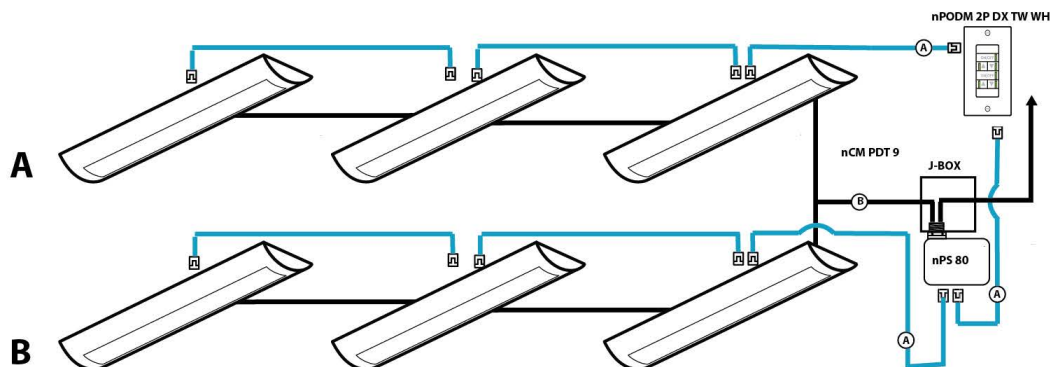
Use the formula below to determine the delivered lumens in emergency mode

Delivered Lumens = 1.25 x P x 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.

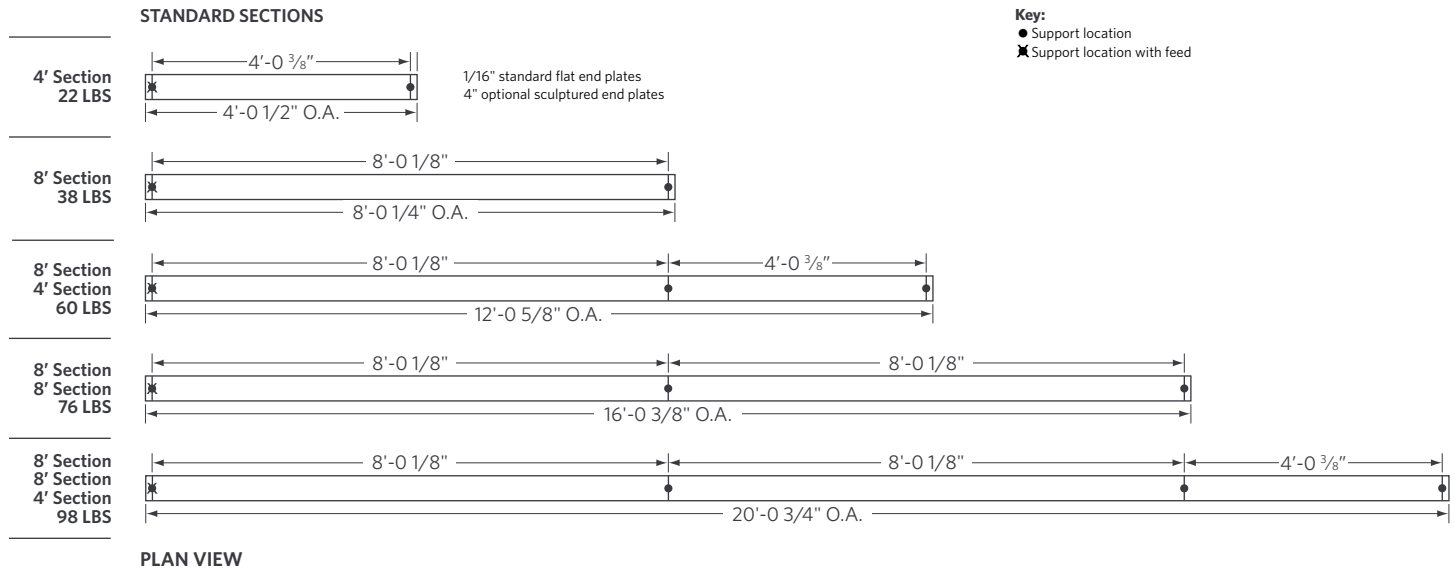
LPW information available in Performance Data section.



***Note:** Also applicable to linear runs. Each 4' fixture section must be connected, by CAT5 cable, to another fixture.

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.

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
-----	------	------	------

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

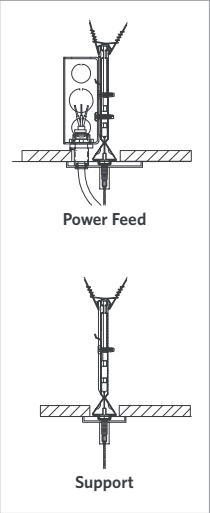
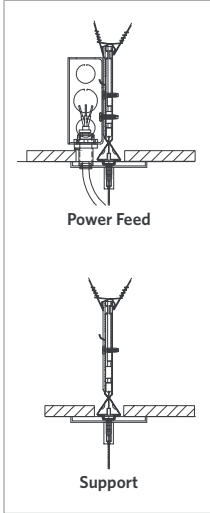
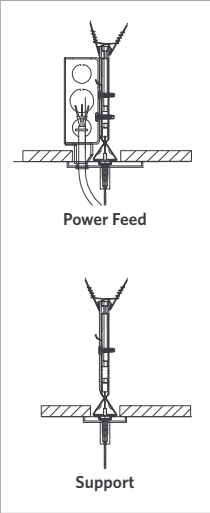
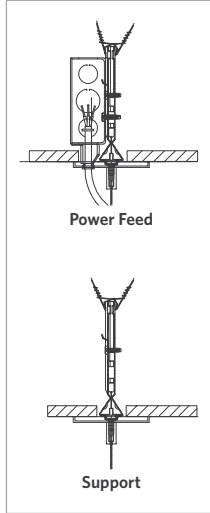
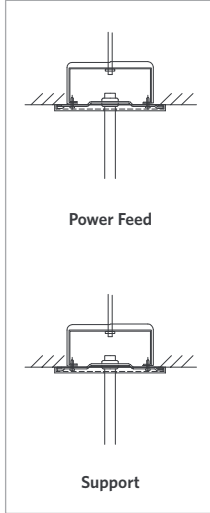
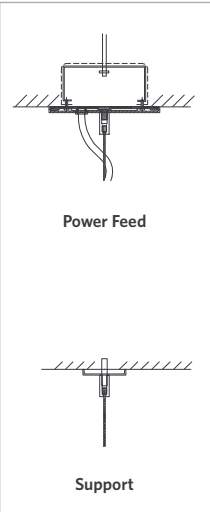
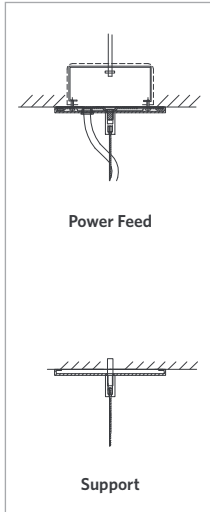
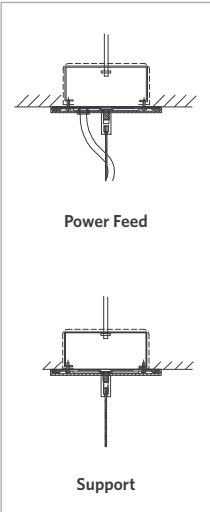
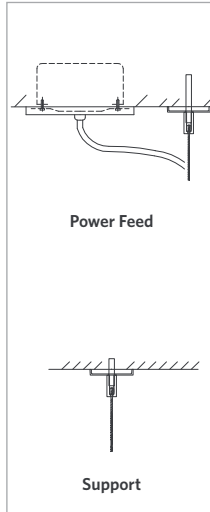
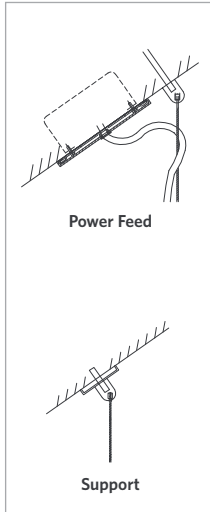
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface-mount horizontal J-box applications.
- F3/** Stem mounting for use with recessed or surface-mount horizontal J-box applications. *Check with local jurisdiction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

☒ Indicates mounting options available with this luminaire.

☒ F1/ 	☒ F1/MCS 	☒ F1A/ 	☒ F1A/MCS 	☐ F3/ 
☒ F2/ 	☒ F2/MCS 	☒ F2/MCSJ 	☒ F2/OJB 	☒ F2/SLP OJB 

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

Choose nomenclature from these columns				
Driver Configurations	Minimum Dimming Level	Control Input	Dimming Range	Notes
	DARK	+ NLT	= 100% to 0.1%	Logarithmic Dimming, nIO EZDL CCT with luminaire
Control + Sensor Configurations	Control Input	Sensor	Sensor	Notes
	NLT	+ ADC	= NES ADCX	nLight control Daylight sensor with Tunable White
	NLT	+ PDT	= NES PDT 7	nLight control Occupancy sensor with Tunable White
	NLT	+ APDT	= NES PDT 7 ADCX	nLight control Daylight with Occupancy sensor with Tunable White

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@PeerlessLighting.com.



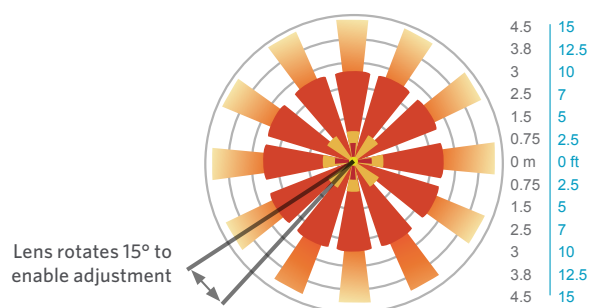
OCCUPANCY DETECTION COVERAGE

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.



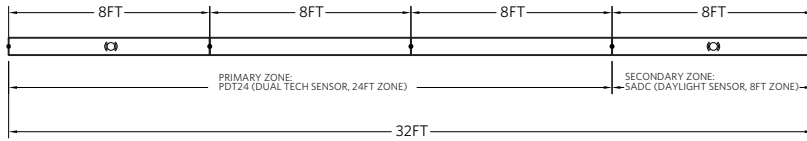
COMPATIBLE nLIGHT COMPONENTS WITH INTEGRATED CONTROLS

nTune® Wired Control Accessories Order as separate catalog number	
Wall Switches	Model Number
On/Off two pole & Raise/Lower CCT	nPODMA 2P DX CCT (color)
On/Off, 4 scene control, Dimming, TUWH	nPODMA 4S DX EDUTW (color)
On/Off, 4 scene control, TUWH	nPODMA 4S EDUTW (color)
Graphic Touchscreen	nPOD TOUCH (color)

INTEGRATED SENSOR LAYOUT

CORRECT:

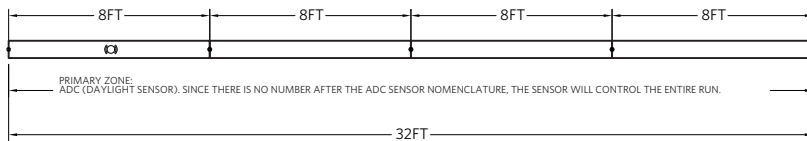
32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 24FT AND SECONDARY ZONE 8FT -- PDT24 SADC8



Notes:

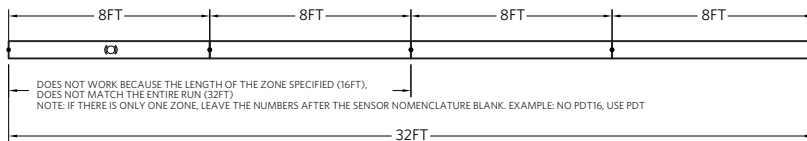
- Only one sensor per zone
- At the most, the entire run can only have 2 sensors (thus 2 sensors zones at the most)
- Sensor zone can not split fixture sections
- No overlapping zones

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

