

SLOT 4

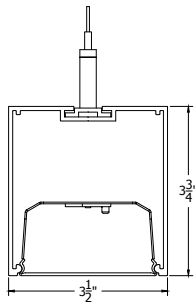
PENDANT DIRECT
DC2DC ARCHITECTURE

HIGHLIGHTS

- 300 to 1500 lumens per foot Direct
- 5 direct distributions: Lambertian, Batwing, Wall Wash Wall Graze or Asymmetric
- Multiple lens treatment options include Continuous, Drop, in 1/2", 1" or 1 1/2" and Edge View
- Shielding provided by optional deep cell baffle
- Driver options for Dim to Dark
- White, black or silver paint with satin finish
- Declare listed
- UGR data available on page 3

DIMENSIONS

See page 5 for additional details.



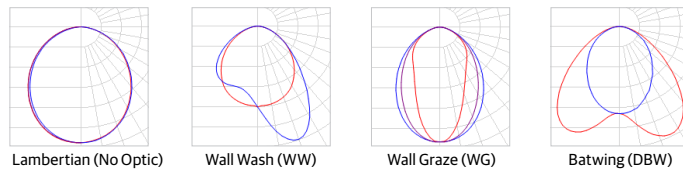
FIXTURE PERFORMANCE

| Nominal Lumens/Foot | Direct* | | | | | | | |
|-----------------------|---------|--------|--------|--------|---------|---------|---------|---------|
| | 300LMF | 400LMF | 600LMF | 800LMF | 1000LMF | 1200LMF | 1400LMF | 1500LMF |
| Delivered Lumens/Foot | 292 | 394 | 575 | 791 | 973 | 1192 | 1352 | 1442 |
| DC Input Watts/Foot** | 2.2 | 2.9 | 4.4 | 5.9 | 7.4 | 9.3 | 11.1 | 12.1 |
| Lumens/Watt | 131 | 135 | 132 | 134 | 131 | 128 | 122 | 119 |

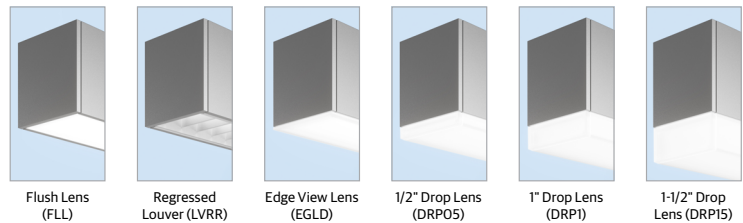
*Based on 4ft 35K fixture with standard lambertian distribution.
 **Standard photometry based on AC wattage, DC wattage = AC wattage * .93, add 0.2 watts per foot when adding NLTAIR2 controls.
Note: See Page 7 for Device Addresses and Feed details.



DIRECT DISTRIBUTION



DIFFUSERS/SHIELDING



ORDERING

Example: S4PD LLP 22FT MSL8 80CRI 35K 100LMF SCT DARK FLL 57VDC WHTT DALI F2/36A RDCY WHTCY WCRD

| Series | Linear Plan | Total Run Length | Max Section Length | Direct Light Source Color Rendering | Direct LED Color Temp | Direct LED Light Output | Direct Distribution (Optics) |
|---|--|---|--|--|--|---|--|
| S4PD SLOT 4 Pendant Direct (Formerly S4LD) | LLP Linear Longest Possible LCB Linear Center Balanced LSL Longest Same Length For more information on linear plans, see page 4. | _FT Specify Continuous Run Length (in 1" increments, 2' minimum) Unit length may affect available options. 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. | MSL2 2FT Length MSL3 3FT Length MSL4 4FT Length MSL5 5FT Length MSL6 6FT Length MSL7 7FT Length MSL8 8FT Length | 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 | (blank) Lambertian WW Wallwash Distribution WG Wall Graze Distribution DBW Direct Batwing Distribution Direct Distribution options are only available with FLL lens. |

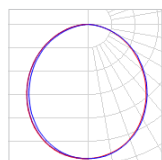
| Switching | Minimum Dimming Level | Direct Shielding | Voltage | Finish |
|---------------------------|---|--|----------------------------------|--|
| SCT Single Circuit | DARK Constant Current, Dimming to 0.1% | FLL Flush Lens (Default) LVRR¹ Regressed Louver LVRRA¹ Regressed Louver, Natural Aluminum EGLD² Edge Glow, Direct DRPO5³ Drop Lens, 1/2" DRP1³ Drop Lens, 1" DRP15³ Drop Lens, 1-1/2" CLL⁴ Continuous Flush Lens 1. LVRR & LVRRA are only available in whole foot increments. 2. EGLD is not available with sensors. Only available in whole foot increments. 3. Drop lenses are only available in whole foot increments. 4. CLL is not available with WW, WG, or DBW. | 57VDC 57VDC, Class 2 Only | WHTT White (Satin) BLKT Black (Satin) SLVT Silver (Satin) RALTB¹ RAL Paint Finish 1. RALTB is for pricing only. Replace with applicable RAL number & finish when placing order. |

| Control Input | Primary Sensor | Secondary Zone | Tertiary Zone | Mounting Type |
|---|---|--|---|---|
| DALI² eidoLED DALI 2 log <1%min NLTAIR2¹ Embedded wireless controls from nLight NLTAIREM2¹ Embedded wireless controls from nLight with UL924 listed emergency operation 1. NLTAIR2 or NLTAIREM2 fixtures cannot be less than 4'. 2. DALI is not available with sensors. | (blank) No sensors NS_ Primary Zone with No Sensor (Specify length in feet) APIR¹ Passive Infrared Occupancy and Daylight Dimming Sensor APDT¹ Dual Technology Occupancy and Daylight Dimming Sensor Sensors are only available with FLL and fixtures 4' and above. Please see page 10 for more details. 1. APIR & APDT are available with NLTAIR2 or NLTAIREM2. | (blank) No Sensors or Secondary Zone SNS_ Secondary Zone with No Sensor (Specify length in feet) SAPIR¹ Passive Infrared Occupancy and Daylight Dimming Sensor, Secondary Zone SAPDT¹ Dual Technology Occupancy and Daylight Dimming Sensor, Secondary Zone Sensors are only available with FLL and fixtures 4' and above. Please see page 10 for more details. 1. APIR & APDT are available with NLTAIR2 or NLTAIREM2. | (blank) No Tertiary Zone TNS_ Tertiary Zone (Specify length in feet) | F1/ T-Bar Ceiling with Universal Mounting Bracket F1A/ T-Bar Ceiling with Universal Mounting Bracket & Integrated J-Box F2/ Hard Ceiling |

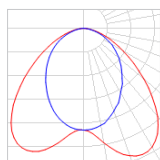
| Overall Suspension | Canopy Form | Canopy Color | Cord Color | Options |
|---|---|--|--|---|
| 36A 36" Adjustable 72A 72" Adjustable 144A 144" Adjustable 240A 240" Adjustable 300A 300" Adjustable | RDCY Round Canopy SQCY Square Canopy | BLKCY Black Canopy WHTCY White Canopy SLVCY Silver Canopy | WCRD White Cord BCRD¹ Black Cord CAT5 cord, when included, will be white. 1. Black cord is not available with 300A | (blank) No Options MCS Matching Support Canopy PIF¹ Feed Cord Installed 1. Cord length will match overall suspension length specified. |

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

PHOTOMETRICS



Test Report: ISF 222300P181
IES LM79-08
S4PD U4 80CRI 35K 1000LMF
Lumens: 3889.8
Wattage: 31.85
Efficacy: 122.13



Test Report: ISF 23344P181
IES LM79-08
S4PD U4 80CRI 35K 1000LMF DBW
Lumens: 3103.9
Wattage: 31.85
Efficacy: 97.45

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

CCT SCALING CHART

| CCT | CRI | MULTIPLIER |
|-----|-------|------------|
| 27K | 80CRI | 0.94 |
| 30K | 80CRI | 0.97 |
| 35K | 80CRI | 1.00 |
| 40K | 80CRI | 1.02 |
| 50K | 80CRI | 1.04 |
| 27K | 90CRI | 0.79 |
| 30K | 90CRI | 0.81 |
| 35K | 90CRI | 0.83 |
| 40K | 90CRI | 0.84 |
| 50K | 90CRI | 0.88 |

Lumen scaling charts can be used to approximate the lumen values at different Kelvin temperatures, color rendering indices, optics or sheilding.

Example: Find base lumen value x multiplier value = new lumen value

OPTICAL SCALING CHARTS

| DOWNLIGHT | |
|---------------|------------|
| DISTRIBUTIONS | MULTIPLIER |
| WW | 0.80 |
| WG | 0.85 |
| DBW | 0.80 |

*Base fixture with Lambertian distribution and flush lens

UGR CHART

| Lumen Package | UGR (70% 50% 20% reflectance using a 4H x 8H room size) | | | | | | | | | | |
|---------------|---|------|------|------|------|-------|-------|------|-------|------|-------|
| | Crosswise | | | | | | | | | | |
| | Lambertian | CLL | WW | WG | DBW | LVRRA | LVRRA | EGLD | DPRO5 | DRP1 | DRP15 |
| 300LMF | 20.2 | 20.5 | 13.5 | 19.1 | 17.2 | 8.3 | 8.2 | 20.2 | 19.2 | 17.5 | 16.4 |
| 400LMF | 21.3 | 21.6 | 14.5 | 20.2 | 18.3 | 9.4 | 9.3 | 21.2 | 20.2 | 18.6 | 17.5 |
| 600LMF | 22.6 | 22.9 | 15.8 | 21.5 | 19.6 | 10.7 | 10.6 | 22.6 | 21.6 | 19.9 | 18.8 |
| 800LMF | 23.7 | 24 | 17 | 22.6 | 20.7 | 11.8 | 11.7 | 23.7 | 22.7 | 21 | 19.9 |
| 1000LMF | 24.4 | 24.7 | 17.7 | 23.3 | 21.4 | 12.5 | 12.4 | 24.4 | 23.4 | 21.7 | 20.6 |
| 1200LMF | 25.1 | 25.4 | 18.4 | 24 | 22.1 | 13.2 | 13.1 | 25.1 | 24.1 | 22.4 | 21.3 |
| 1400LMF | 25.5 | 25.9 | 18.8 | 24.5 | 22.5 | 13.6 | 13.6 | 25.5 | 24.5 | 22.9 | 21.8 |
| 1500LMF | 25.8 | 26.1 | 19 | 24.7 | 22.8 | 13.9 | 13.8 | 25.8 | 24.8 | 23.1 | 22 |
| Lumen Package | Endwise | | | | | | | | | | |
| | Lambertian | CLL | WW | WG | DBW | LVRRA | LVRRA | EGLD | DPRO5 | DRP1 | DRP15 |
| | 300LMF | 20 | 19.7 | 15.7 | 18.4 | 18.6 | 12.6 | 12.5 | 19.9 | 21.5 | 21.6 |
| 400LMF | 21 | 20.7 | 16.7 | 19.4 | 19.7 | 9.4 | 9.3 | 20.9 | 22.5 | 22.6 | 22.7 |
| 600LMF | 22.4 | 22.1 | 18.1 | 20.7 | 21 | 14.9 | 14.8 | 22.2 | 23.8 | 23.9 | 24 |
| 800LMF | 23.5 | 23.2 | 19.2 | 21.8 | 22.1 | 16 | 16 | 23.3 | 24.9 | 25 | 25.1 |
| 1000LMF | 24.2 | 23.9 | 19.9 | 22.5 | 22.8 | 16.7 | 16.7 | 24.1 | 25.6 | 25.7 | 25.8 |
| 1200LMF | 24.9 | 24.6 | 20.6 | 23.2 | 23.5 | 17.4 | 17.4 | 24.8 | 26.3 | 26.4 | 26.5 |
| 1400LMF | 25.3 | 25 | 21 | 23.7 | 23.9 | 17.9 | 17.8 | 25.2 | 26.8 | 26.9 | 27 |
| 1500LMF | 25.6 | 25.2 | 21.3 | 23.9 | 24.2 | 18.1 | 18 | 25.4 | 27 | 27.1 | 27.2 |

*Calculations based on a 4 foot fixture @ 35K 80CRI

**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

*** Click here from more information: [UGR FAQ](#)

LINEAR PLAN

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

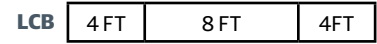
LLP- Linear Longest Possible

In this configuration, the longest length available is optimized, resulting in the fewest segments and mounting locations. Caution should be used where balanced appearance is a concern. Example: 20 FT run would have 2, 8 FT segments and 1, 4 FT segment at the end of the run.



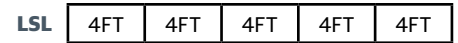
LCB- Linear Center Balanced:

This configuration incorporates the longest center segment(s) along with any additional lengths required to fill the run length, added to the run ends. Example: 16 FT run would have 2, 4 FT segments (one at each end) and 1, 8 FT segment in the center.



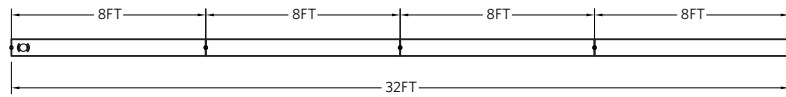
LSL- Linear Same Length:

In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length and there are mathematical limitations on what overall row lengths can be achieved. Example: 20 FT row would be achieved with 5, 4 FT long segments equaling 20 FT (nominal).

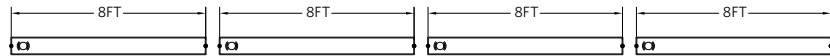


Total Run Length

This system is not modular. Runs longer than 8FT will be automatically configured with left, intermediate and right sections, based on how you specify the TOTAL RUN LENGTH and MAXIMUM SECTION LENGTH parameters in the ordering information. Always order the total run length, not the individual sections.



Example: This run must be ordered as 1pc "S4PD LLP 32FT MSL8..."



Example: If you order as 4pcs "S4PD LLP 8FT MSL8... you will receive these INDIVIDUAL sections that cannot be joined together

Maximum Section Length

The run will be broken out using as many sections at the chosen maximum section length as possible. Shorter sections will then complete the desired run length.

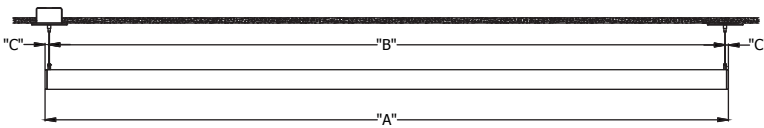
Examples:

S4PD LLP 21FT MSL5... = 5FT / 4FT / 4FT / 4FT / 4FT

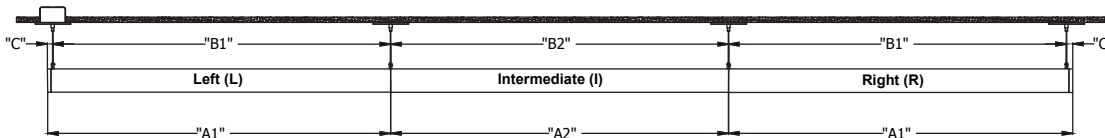
S4PD LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT

S4PD LLP 21FT MSL7... = 7FT / 7FT / 7FT

S4PD LLP 21FT MSL8... = 8FT / 8FT / 5FT



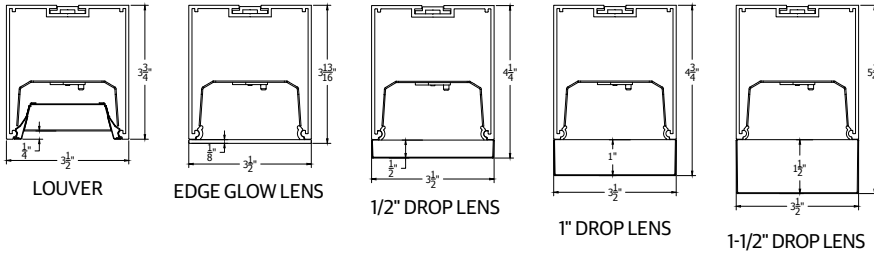
| INDIVIDUAL FIXTURES | | | | |
|---------------------|-------------|---------------|--------------|----------------|
| ORDERED LENGTH | "A" O.A.L. | "B" O.C. | "C" FROM END | APPROX. WEIGHT |
| 2FT | 2'- 0 9/16" | 1'- 11 13/16" | 3/8" | 2 |
| 3FT | 3'- 0 9/16" | 2'- 11 13/16" | 3/8" | 3 |
| 4FT | 4'- 0 9/16" | 3'- 11 13/16" | 3/8" | 4 |
| 5FT | 5'- 0 9/16" | 4'- 11 13/16" | 3/8" | 5 |
| 6FT | 6'- 0 9/16" | 5'- 11 13/16" | 3/8" | 6 |
| 7FT | 7'- 0 9/16" | 6'- 11 13/16" | 3/8" | 7 |
| 8FT | 8'- 0 9/16" | 7'- 11 13/16" | 3/8" | 8 |



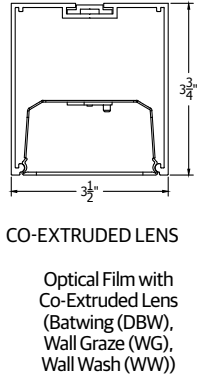
| RUN LAYOUT | | | | | | |
|----------------|-------------|-------------|---------------|-----------|--------------|----------------|
| ORDERED LENGTH | "A1" O.A.L. | "A2" O.A.L. | "B1" O.C. | "B2" O.C. | "C" FROM END | APPROX. WEIGHT |
| 4FT | 4'- 0 1/4" | 4'- 0" | 3'- 11 15/16" | 4'- 0" | 3/8" | 4 |
| 5FT | 5'- 0 1/4" | 5'- 0" | 4'- 11 15/16" | 5'- 0" | 3/8" | 5 |
| 6FT | 6'- 0 1/4" | 6'- 0" | 5'- 11 15/16" | 6'- 0" | 3/8" | 6 |
| 7FT | 7'- 0 1/4" | 7'- 0" | 6'- 11 15/16" | 7'- 0" | 3/8" | 7 |
| 8FT | 8'- 0 1/4" | 8'- 0" | 7'- 11 15/16" | 8'- 0" | 3/8" | 8 |

SHIELDING, OPTICS & CONNECTORS

Direct Shielding

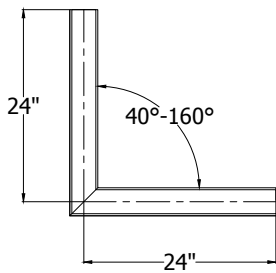


Direct Optics

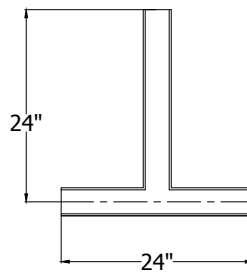


Run Patterns, Corners and Junction

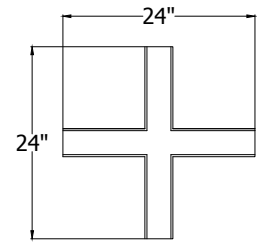
Patterns can be configured in 1' increments with illuminated L connectors with standard 2' corner. L connectors are available in 40-160 degrees in 1 degree increments. Consult factory on any patterns for DC2DC operation..



L Connector



T Connector



X Connector

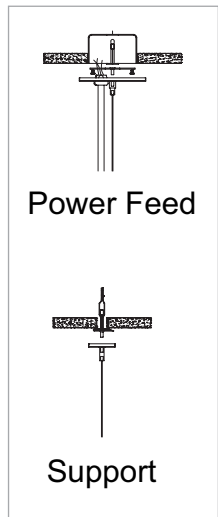
MOST COMMON MOUNTING TYPES AND OPTIONS Options available for this specific luminaire are checked in the boxes below.

Mounting Type

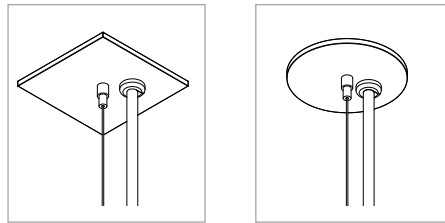
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications. (J-box by others)
- F1A/** For use with most T-Bar grid ceilings. Designed for on-grid applications. Comes complete with J-box with built-in cutout to go over grid
- F2/** For use with recessed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



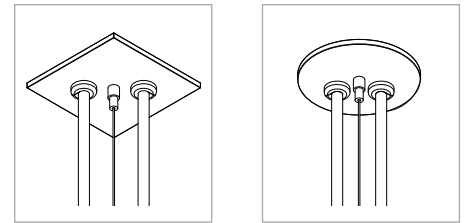
Mounting with Feed (SPSWIFK)



5" Square

5" Round

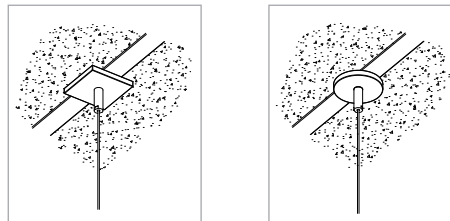
Mounting with Dual Feed (SPSW2FK)



5" Square

5" Round

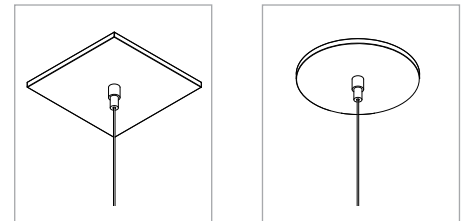
Mounting Support (SPSWSK)



2" Square

2" Round

MCS Option



5" Square

5" Round

INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

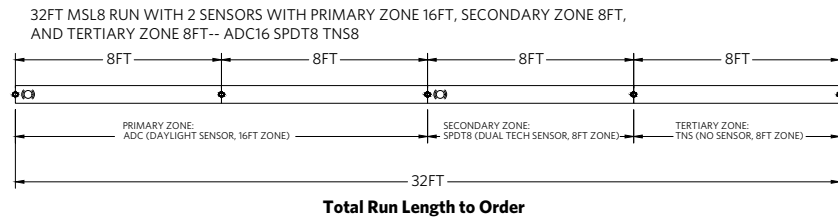
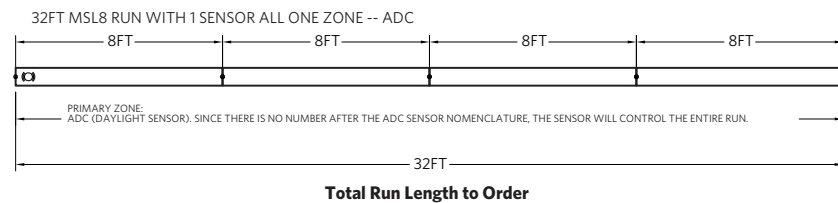
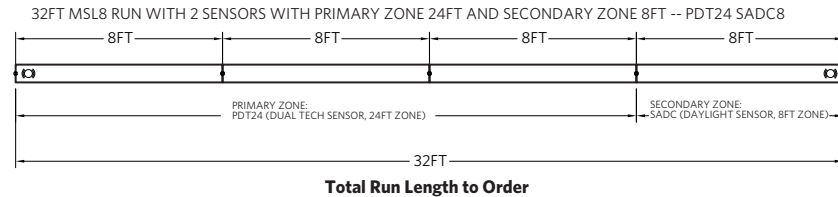
| Choose nomenclature from these columns | | | | | | |
|--|-----------------------|---------------|---------|---|--------------|---------------------|
| Driver Configuration | Minimum Dimming Level | Control Input | Driver | Dimming Range | Notes | |
| | DARK | + | DALI | = eldoLED SOLOdrive DC Driver - Dali 2 compatible | 100% to 0.1% | Logarithmic Dimming |
| | DARK | + | NLTAIR2 | = eldoLED SOLOdrive DC Driver | 100% to 0.1% | Logarithmic Dimming |

| Choose nomenclature from these columns | | | | | |
|--|---------------|--------|---------|----------------------------------|---|
| Control / Sensor Configurations | Control Input | Sensor | Sensor | Notes | |
| | 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. |
| | NLTAIREM2 | + | (blank) | = RIO EZDL EM EXT900 ACWH 90D G2 | nLight AIR emergency operation only. No onboard sensor. |
| | NLTAIREM2 | + | APIR | = RES7 EM EXT900 ACWH 90D G2 | PIR integral occupancy sensor with automatic dimming control photocell. nLight AIR emergency enabled |
| | NLTAIREM2 | + | APDT | = RES7 PDT EM EXT900 ACWH 90D G2 | Dual technology integral occupancy sensor with automatic dimming control photocell. nLight AIR emergency enabled. |

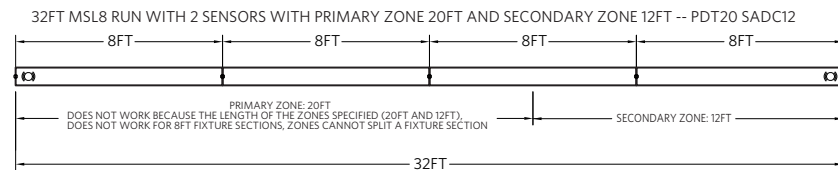
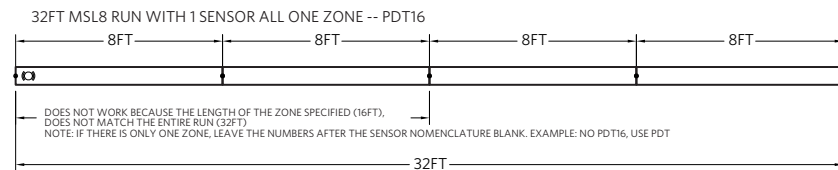
INTEGRATED SENSOR LAYOUT

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

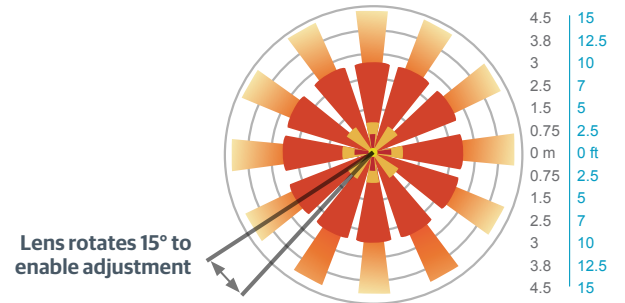
OCCUPANCY DETECTION COVERAGE

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.

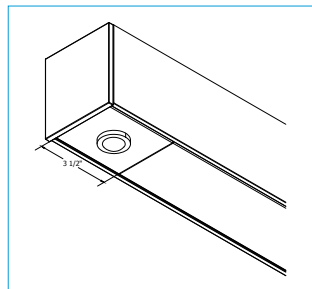
Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).

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.



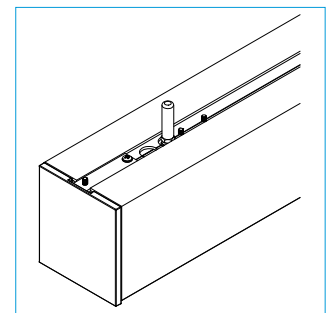
Integrated Controls
Optional nLight® integrated controls make Slot LED luminaires addressable- allowing them to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard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



DC2DC

DC-powered Lighting, DC2DC Architecture

Acuity Brands' DC2DC architecture provides for distributed low-voltage DC power and digital controls for a range of LED luminaires, including the S4PD. The DC2DC architecture enhances an LED lighting system's efficiency by eliminating the need and cost to convert AC to DC power at the luminaire and facilitating the installation and commissioning of lighting controls. Inherently more efficient by design, our DC-powered lighting architecture also delivers savings at design and installation, facilitates maintenance, and empowers lighting design focused on sustainable and well-being applications.

Components include:

- DCHUB (ordered separately), distributes DC power up to 1080 VA of DC-powered LED luminaires including support for emergency lighting.
- 57 VDC powered LED luminaires, with Static CCT or Tunable White, based on control options.
- nLight® lighting control
 - Integral or offboard wired networked lighting control, with nLight control devices (ordered separately).
 - Embedded nLight AIR wireless devices in 57VDC powered Static CCT LED luminaires.
- Class 2 power and control cables.
- The number of luminaires that can be supported by a single DCHUB port is a function of luminaire wattage and conductor losses. Please refer to the fixture wattages listed and the DCHUB spec sheet for additional details. Alternatively, the LED luminaires can be supplied with an approved, UL Listed, Class 2 power source supplying between 52.3 and 57.0 VDC at the input to the luminaire.

Note:

All luminaires require 57VDC option along with the corresponding Control Input option for DALI or DALI8 external nPS80 DALI 57VDC wired nLight control or NLTAIR2 or NLTAIREM2 embedded wireless lighting control.

When using external wired nLight control, nPS80 DALI 57 VDC is mounted locally with the controlled luminaires. Only 2 #16 AWG (min.) conductors are necessary between the DC power source and the nPS80 DALI controller, and 4 conductors between the controller and the luminaires.

When using nLight embedded wireless controls only 2 #16 AWG (min.) conductors are necessary between the DC power source and the luminaire runs.

Click [DC2DC](#) for more information.

FIXTURE PERFORMANCE, DEVICE ADDRESSES, & FEED CHART¹

| | | Slot 4 Direct ¹ | | | | | | | |
|----------------------------------|------------------|----------------------------|--------|--------|--------|---------|---------|---------|---------|
| Nominal Lumens/Foot | | 300LMF | 400LMF | 600LMF | 800LMF | 1000LMF | 1200LMF | 1400LMF | 1500LMF |
| Delivered Lumens/Foot | | 292 | 394 | 575 | 791 | 973 | 1192 | 1352 | 1442 |
| DC Input Watts/Foot ² | | 2.2 | 2.9 | 4.4 | 5.9 | 7.4 | 9.3 | 11.1 | 12.1 |
| Lumens/Watt | | 131 | 135 | 132 | 134 | 131 | 128 | 122 | 119 |
| # Device Addresses and Feeds | 2FT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 3FT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 4FT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| | 5FT ³ | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| | 6FT ⁴ | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| | 7FT ⁵ | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |
| | 8FT ⁴ | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 |

1. Based on a 35K 80CRI fixture with standard lambertian distribution. Consult factory for other section lengths.
 2. Standard photometry based on AC wattage, DC wattage = AC wattage * .93, add 0.2 watts per foot when adding NLTAIR2 controls
 3. For 5ft fixtures with two feeds, wattage for Feed 1 is 3/5 of the total wattage and for Feed 2 is 2/5 of the total wattage
 4. For 6ft and 8ft fixtures with two feeds, wattage per feed is half of the total wattage
 5. For 7ft fixtures with two feeds, wattage for Feed 1 is 4/7 of the total wattage and for Feed 2 is 3/7 of the total wattage

General Note: Combine feeds based on maximum port supply wattage or as shown on drawings. Refer to Mark Linear Submittal drawings for additional feed configuration information.

Example Calculation:

5FT 1500LMF
 Device Addresses and Feeds: 2 Addresses and Feeds
 Total Direct Wattage: 12.1 W/FT x 5FT = 60.5W
 Direct Feed 1: 3/5 x 60.5W = 36.3W
 Direct Feed 2: 2/5 x 60.5W = 24.2W

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.

Optics (Distribution)

Wall Wash (WW), Wall Graze (WG), and Direct Batwing (DBW) incorporate co-extruded lenses and films.

Lenses/Shielding

Direct: Extruded acrylic lens, (FLL, CLL). Edge Glow lens, (EGLD), Aluminum baffle with either a powder coat finish (LVRR) or aluminum finish (LVRRRA). Extruded acrylic drop lens (DRPO5, DRP1, DRP15).

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).

Circuits

Single and dual switching options available. Dual switching offered with shared neutral.

Driver

eldoLED constant current driver options deliver choice of dimming range for ultrasmooth dimming resolution from 100% to less than 1% , and choices for control, while assuring flicker free, low current inrush, 89% efficiency and low EMI. Luminaires operate over a voltage ranging from 53VDC to 57VDC.

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).

Fixture Weight

1 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.