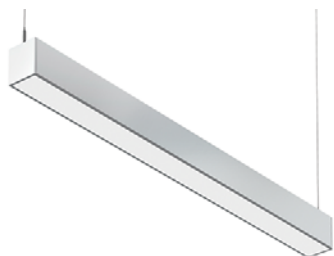


# MARK ARCHITECTURAL LIGHTING™



## Slot 4 LED Direct Pendant

The Slot LED family of luminaires offers an unparalleled package of performance and features for your next lighting project. Precision lumen DIRECTIR optics deliver optimized light where needed for ceilings and walls. With other key features such as simplified installation, seamless controls integration and superior LED color constancy, the Slot LED family from Mark Lighting offers exceptional quality and design flexibility.

Type:

Project:

Catalog Number:

DO NOT TYPE HERE. Autopopulated field.

## Specification Features

### Housing

Nominal 3.5" x 3.75" extruded aluminum housing

### Finish

White, Black or Silver powdercoat

### Reflector

Formed steel with high reflectance white.

### Distribution/Shielding

Extruded 90% transmissive acrylic lens with a textured surface providing diffuse illumination and a uniform appearance for direct lambertian distribution (No Optics). Wall Wash (WW) and Wall Graze (WG) distribution options incorporate co-extruded lenses. Shielding is available as an external blade louver for WW or WG options, or an internal blade louver in lieu of lambertian distribution diffuser.

### LED Components

Linear: Nichia®- 757 series LED chips (>80 CRI)

### 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).

### Color Consistency

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 (2.5SDCM) along the black body locus from board to board.

### Driver

eldoLED® driver provides natural dimming with smooth, continuous and flicker-free deep dimming. Supports operation between 120VAC and 277 VAC, with low inrush current (NEMA 410) and THD < 20%. Meets FCC Title 47 C.F.R. 15 Class A or Class B requirements. Lutron high performance driver options also available.

### Certification

CSA tested to UL 1598 standards, assembled in the USA. Damp location listed.

### Listings

DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/OPL](http://www.designlights.org/OPL) to confirm which versions are qualified.

### Warranty

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**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.

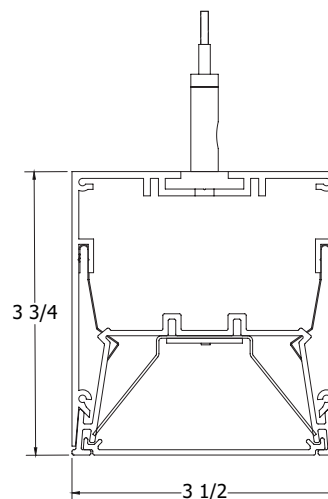
Specifications subject to change without notice.

## Fixture Performance

4FT INDIVIDUAL (35K)	DIRECT			
	400LMF	600LMF	800LMF	1000LMF
Delivered Lumens	1800	2707	3571	4103
Input Watts	15.4	23.5	31.9	37.3
Lumen/Watt	117	115	112	110

\*Consult factory for customized lumen output and wattage between 350LMF and 1050LMF.

## Technical Drawing



Direct Pendant



eldoLED  
your product | our drive

### 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](http://www.acuitybrands.com/aplus).

\*See ordering tree for details

**Ordering**

Example: S4LD 32FT MSL8 80CRI 30K 400LMF MIN1 MVOLT WHT ZT F1/36A RDCY WHTCY WCRD

Series	Plan	Total Run Length	Max Section Length	Direct Light Source Color Rendering	Direct LED Color Temp	Direct LED Light Output	Direct Distribution (Optics)
<b>S4LD</b> Slot 4 Pendant - Direct	<b>LCB</b> Linear center balanced	<b>_FT</b> Specify continuous run length (in whole feet, 2' minimum)	<b>MSL4</b> 4'	<b>80CRI</b> 80 CRI	<b>27K</b> 2700K	<b>400LMF</b> 400 Lumens per FT	<b>(blank)</b> Standard Lambertian Distribution
		Unit length may affect available options.	<b>MSL5</b> 5'	<b>90CRI</b> 90 CRI	<b>30K</b> 3000K	<b>600LMF</b> 600 Lumens per FT	
	<b>LLP</b> Linear longest possible	2' & 3' only available as individual units	<b>MSL6</b> 6'	<b>35K</b> 3500K	<b>800LMF</b> 800 Lumens per FT	<b>WW<sup>2</sup></b> Wallwash Distribution	
		<b>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.</b>	<b>MSL7</b> 7'	<b>40K</b> 4000K	<b>1000LMF</b> 1000 Lumens per FT	<b>WG</b> Wall Graze Distribution	
			<b>MSL8</b> 8'	<b>50K</b> 5000K	<b>_LMF<sup>1</sup></b> ## Lumens per FT	<b>WW</b> and <b>WG</b> not available with Downlights, EGLD, LVRR or LVRRRA.	

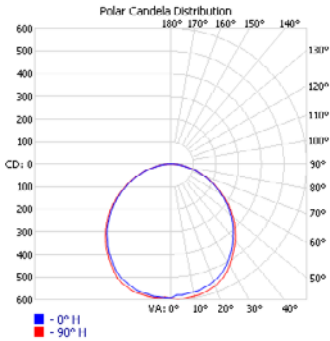
Downlight	Downlight Shape	Downlight Color Rendering	Downlight Color Temp	Minimum Dimming Level	Optional Shielding	Voltage
<b>(blank)</b> No Downlight modules in fixture	<b>(blank)</b> No Downlight modules in fixture	<b>(blank)</b> No Downlight modules in fixture	<b>(blank)</b> No Downlight modules in fixture	<b>NODIM<sup>3</sup></b> Non - dimming	<b>(blank)</b> No louver	<b>MVOLT</b> Multi-volt, 120 277V
<b>2DL</b> LED Downlights (2 per unit)	<b>RDD</b> Round	<b>S80CRI</b> 80CRI	<b>S27K</b> 2700K	<b>MIN1</b> Constant current, dimming to 1%	<b>LVRRD<sup>4</sup></b> Dropped louver	<b>120</b> 120V
<b>_DL</b> LED Downlights per run (3DL, 4DL, etc)	<b>SQD</b> Square		<b>S30K</b> 3000K	<b>DARK</b> Constant current, dimming to 0.1%	<b>LVRR<sup>5</sup></b> Regressed louver painted to match fixture finish	<b>277</b> 277V
			<b>S35K</b> 3500K		<b>LVRRRA<sup>6</sup></b> Regressed louver, aluminum finish	<b>347<sup>7</sup></b> 347V
			<b>S40K</b> 4000K		<b>EGLD<sup>4,5</sup></b> Edge View direct lens	
Must select all Downlight options. Specify number of downlights modules. Not available on 2' or 3' units. Not available with 347V.	Maximum of 2DL in 4' & 5' units. Maximum of 3DL in 6', 7' & 8' units. Not available with emergency options. Not available with DCT & NLIGHT. Not available with any sensors on the same unit.				Not available with Downlights. Not available with NLTAIR2 or DMX	

Finish	Emergency Options	Control Input	Sensor	Secondary Sensor
<b>WHT</b> White (gloss)	<b>E10WLCP<sup>8</sup></b> 4' emergency section w/ battery pack, 1250 lumens	<b>(blank)</b> Non-dimming, line voltage	<b>(blank)</b> Select if single zone/no zone without sensor	<b>(blank)</b> No additional zones/sensors
<b>BLK</b> Black (gloss)	<b>_E10WLCP<sup>8</sup></b> 4' emergency section w/ battery pack, 1250 lumens	<b>ZT</b> 0 10V control	<b>NS</b> Select if multi-zone fixture with no sensor in main zone	<b>SNS</b> Select if multi-zone fixture with no sensor in secondary zone
<b>SLV</b> Silver (gloss)	<b>_EC<sup>9</sup></b> # of emergency circuits	<b>NLIGHT<sup>11</sup></b> nLight enabled	<b>PDT<sup>17</sup></b> Occupancy sensor - dual technology (passive infrared & microphonics)	<b>SPDT<sup>17</sup></b> Occupancy sensor - dual technology (passive infrared & microphonics)
<b>WHTT</b> White (textured)	<b>BGTD<sup>9,10</sup></b> Generator transfer device Not available with 347V.	<b>NLTAIR2<sup>12</sup></b> nLight AIR (wireless) enabled	<b>ADC<sup>17</sup></b> Photocell-daylight dimming sensor	<b>SADC<sup>17</sup></b> Photocell-daylight dimming sensor
<b>BLKT</b> Black (textured)		<b>DALI<sup>13</sup></b> DALI compatible	<b>API<sup>18</sup></b> PIR occupancy sensor & photocell	<b>SAPI<sup>18</sup></b> PIR occupancy sensor & photocell
<b>SLVT</b> Silver (textured)		<b>DMX<sup>13,14</sup></b> DMX compatible	<b>APD<sup>18</sup></b> PDT occupancy sensor & photocell	<b>SAPD<sup>18</sup></b> PDT occupancy sensor & photocell
<b>RALTB</b> <a href="#">RAL paint finishes</a>		<b>ECOD<sup>14,15</sup></b> Lutron Hi-Lume digital driver	Not available with Downlights.	Not available with Downlights.
		<b>ECOD2<sup>14,15,16</sup></b> Lutron Hi-Lume 2-wire (1% dimming)	Not available with 347V & nLight. (Use ZT or NLTAIR2 Control Inputs where applicable.)	Not available with 347V & nLight. (Use ZT or NLTAIR2 Control Inputs where applicable.)
		<b>ECOD5<sup>14,15</sup></b> Lutron 5-series digital driver (5% dimming)	Not available on 2' or 3' units.	Not available on 2' or 3' units.

Tertiary Sensor	Mounting Type	Overall Suspension	Canopy Form	Canopy Color	Cord Color	Options
<b>(blank)</b> No additional zones/sensors	<b>F1/</b> T-bar ceiling (universal mounting bracket)	<b>36A</b> 36" adjustable	<b>RDCY</b> Round canopy	<b>BLKCY</b> Black canopy	<b>WCRD</b> White cord	<b>DPL</b> Damp location listing
<b>TNS</b> Select if multi-zone fixture with no sensor in tertiary zone	<b>F1A/</b> T-bar ceiling (UMB with integrated J-box)	<b>72A</b> 72" adjustable	<b>SQCY</b> Square canopy	<b>WHTCY</b> White canopy	<b>CCRD</b> Clear cord	<b>GLR<sup>14</sup></b> Fast-blow fuse
	<b>F2/</b> Hard ceiling (horizontal J-box)	<b>144A</b> 144" adjustable * Measured from ceiling to bottom of luminaire.		<b>SLVCY</b> Silver canopy	<b>BCRD<sup>19</sup></b> Black cord	<b>GMF<sup>14</sup></b> Slow-blow fuse
						<b>MCS</b> 5" support canopy to match feed canopy
						<b>USPOM</b> US point of assembly

- Notes:**
- Limited to 400LMF to 1000LMF in 50LMF increments. Not available with ECOD, ECOD2, ECOD5 or DMX control input.
  - Not available with NLTAIR2
  - Not available with Control Input.
  - Not available with Sensor Options.
  - Not available with E10WLCP & BGTD.
  - Not available with sensors on 2', 3' & 5' units.
  - 347V not available with ZT & sensors, NLTAIR2, emergency options, NLIGHT in 5' units, & NLIGHT with downlights.
  - Not available with 2' or 3' units. Not available with DMX control option. One battery pack per unit. Only available on 8' unit with ECOD, ECOD2, ECOD5. If with ZT & API, APD, or NLTAIR2 only available in 7' & 8' units.
  - Powers entire direct unit. Not available with DMX. Not available on individual units with NLTAIR2.
  - Must select 120 or 277 volt. Remote mounted. Not available with sensor. Not available with DMX. Not available with sensor and BGTD in same unit.
  - Comes with white CAT5 cord in addition to the standard power cord. Will require remote mounted nIO on 2' unit. One NLIGHT device per zone or sensor, for multiple zones consult factory.
  - Must select MIN1 or DARK Dim Level. Not available with WW & 2' or 3' units. If ordered with E10WLCP, only available in 7' & 8' units. One NLTAIR2 device per zone or sensor, for multiple zones consult factory.
  - Must select DARK Dim Level.
  - Not available with 347V.
  - Must select MIN1 Dim Level. Not available on 2', 3' or 5' units.
  - 120V only.
  - Requires ZT or NLIGHT Control Input.
  - Requires ZT, NLIGHT or NLTAIR2 Control Input.
  - Longer lead time item.

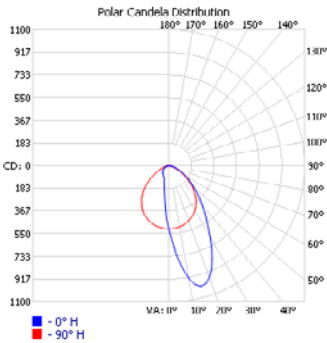
**PHOTOMETRICS**



Test Report: ISF 37228P0  
IES LM 79-08  
S4LD 4FT 80CRI 30K 400LMF  
Lumens: **1730**  
Wattage: **15.37W**  
Efficacy: **112.5**

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	472.9	27%
0-40	773	44.70%
0-60	1359.4	78.60%
60-90	370	21.40%
70-100	159	9.20%
90-120	0.3	0%
0-90	1729.4	100%
90-180	0.6	0%
0-180	1730	100%

Angle	Candlepower Distribution								
	Plane								
	0	22.5	45	67.5	90	112.5	135	157.5	180
0	591	591	591	591	591	591	591	591	591
5	580	589	597	594	597	596	596	595	588
10	574	584	590	591	592	593	594	592	583
15	565	576	579	582	585	584	587	583	577
20	552	559	567	569	573	572	573	570	560
25	532	539	549	549	551	549	551	552	541
30	501	509	515	514	519	520	519	518	509
35	466	473	480	480	479	480	484	483	475
40	427	436	443	441	443	441	443	443	434
45	388	394	400	401	401	400	405	402	396
50	346	353	355	356	356	355	358	360	351
55	302	310	310	310	313	309	316	314	305
60	254	263	262	261	261	261	262	266	259
65	208	214	213	212	213	213	214	217	210
70	162	165	165	166	167	165	164	165	161
75	116	118	116	117	117	116	116	116	115
80	69	70	71	72	72	72	71	70	69
85	30	32	32	33	33	32	30	29	27
90	1	2	0	0	0	1	0	1	1



Test Report: ISF 37775P0  
IES LM 79-08  
S4LD 4FT 80CRI 30K 400LMF WW  
Lumens: **1138**  
Wattage: **14.51W**  
Efficacy: **78.4**

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	424.2	37.30%
0-40	657.7	57.80%
0-60	1003.1	88%
60-90	134.9	11.90%
0-90	1138	100.00%

Angle	Candlepower Distribution								
	Plane								
	0	22.5	45	67.5	90	112.5	135	157.5	180
0	509	509	509	509	509	509	509	509	509
5	730	708	659	590	509	433	371	337	326
10	922	898	813	676	501	351	256	214	202
15	1008	989	916	743	489	283	184	147	138
20	961	970	949	783	471	232	142	115	109
25	828	862	914	797	448	192	115	99	96
30	673	713	823	779	421	159	99	90	88
35	533	569	698	727	383	134	89	83	81
40	426	453	568	639	341	114	82	76	75
45	337	362	457	529	291	98	75	69	68
50	261	282	356	415	237	85	66	62	62
55	201	214	274	308	182	73	57	54	54
60	151	159	202	219	133	60	47	45	45
65	109	115	142	148	91	46	38	36	35
70	75	78	94	95	61	34	28	26	26
75	46	48	57	56	36	22	18	18	18
80	24	26	30	28	18	12	12	11	11
85	8	9	10	10	8	6	6	6	5
90	1	2	1	2	2	2	2	2	2

**Shielding**



Co-Extruded WG



Co-Extruded WW



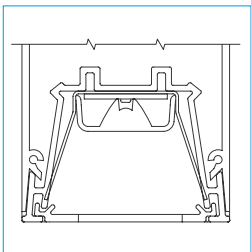
Edge View Lens



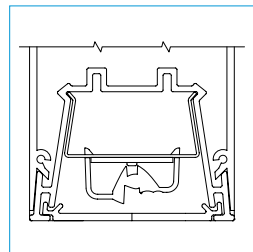
External Louver



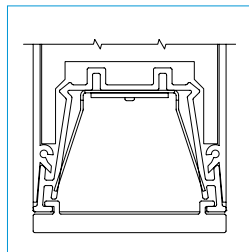
Regressed Louver



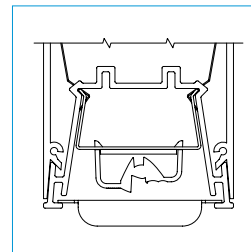
Co-Extruded WG  
(Standard)



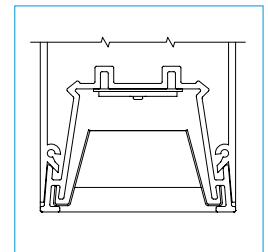
Co-Extruded WW  
(Standard)



Edge View Lens  
(Optional)



External Louver WW  
(Painted to Match Housing)



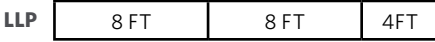
Regressed Louver  
(Natural Aluminum  
or Painted to Match  
Housing)

**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.

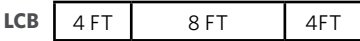
**LLP- Linear Longest Possible**

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

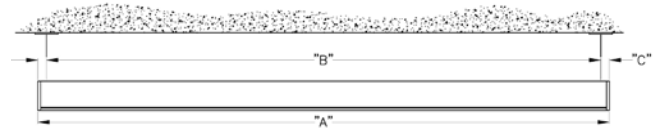


**LCB- Linear Center Balanced:**

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.

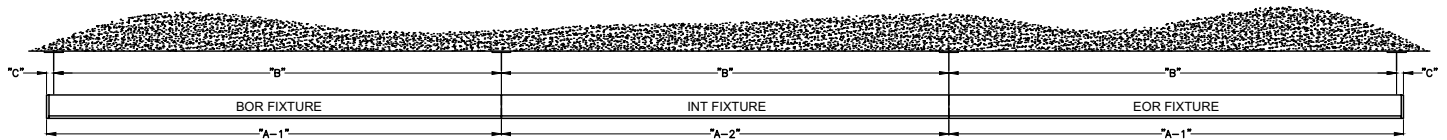


**Individual Fixture Configurations**



INDIVIDUAL UNITS (MOUNTING)			
LENGTH	"A" O.A.L.	"B" O.C.	"C" FROM END
2FT	2'- 5/8"	2'-0"	5/16"
3FT	3'- 5/8"	3'-0"	5/16"
4FT	4'- 5/8"	4'-0"	5/16"
5FT	5'- 5/8"	5'-0"	5/16"
6FT	6'- 5/8"	6'-0"	5/16"
7FT	7'- 5/8"	7'-0"	5/16"
8FT	8'- 5/8"	8'-0"	5/16"

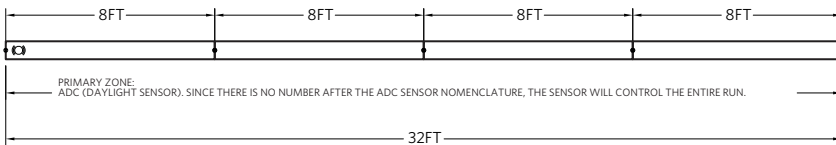
**Run Configurations**



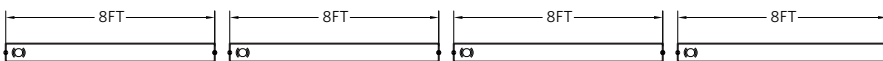
RUN LAYOUT (MOUNTING)				
LENGTH	"A-1" O.A.L.	"A-2" O.A.L.	"B" O.C.	"C" FROM END
4FT	4'-0 5/16"	4'-0"	4'-0"	5/16"
5FT	5'-0 5/16"	5'-0"	5'-0"	5/16"
6FT	6'-0 5/16"	6'-0"	6'-0"	5/16"
7FT	7'-0 5/16"	7'-0"	7'-0"	5/16"
8FT	8'-0 5/16"	8'-0"	8'-0"	5/16"

**TOTAL RUN LENGTH**

This system is not modular. Runs longer than 8FT will be automatically configured with Starter, Middle and Ender 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 "S4LD LLP 32FT MSL8..."



Example: If you order as 4pcs "S4LD LLP 8FT MSL8... you will receive these INDIVIDUAL sections that cannot be joined together

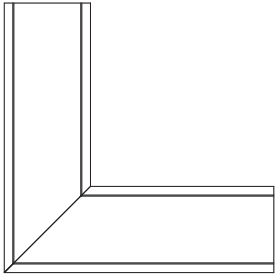
**MAXIMUM SECTION LENGTH**

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

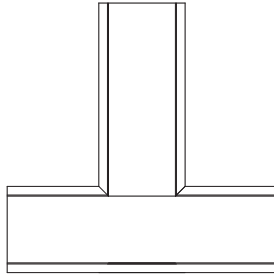
- Examples:  
 S4LD LLP 21FT MSL5... = 5FT / 4FT / 4FT / 4FT / 4FT  
 S4LD LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT  
 S4LD LLP 21FT MSL7... = 7FT / 7FT / 7FT  
 S4LD LLP 21FT MSL8... = 8FT / 8FT / 5FT

**Run Patterns, Corners and Junction**

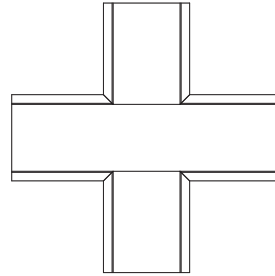
Slot 4 LED patterns can be configured in 1' increments with illuminated 90° inside and outside corners, T junctions, and X junctions with standard 2' corner and junction lengths. For custom angles, corner or junction lengths, consult factory. See separate patterns spec sheet for details.



90° Corner



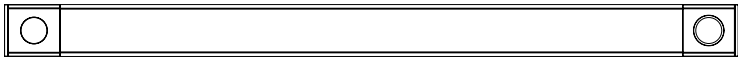
T Junction



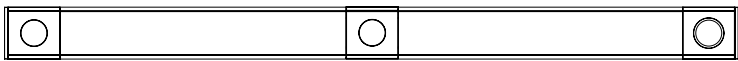
X Junction

**Downlights**

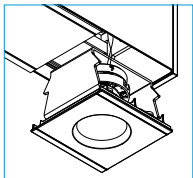
Optional downlights powered by Xicato Spot Modules are available with 4', 5', 6', and 8' length luminaires, maximum (2) Xicato downlights per length. Each downlight module is 10W with 700 lumens delivered, 28 degree beam spread. Downlights are supplied with a dedicated feed-point and will be controlled separately.



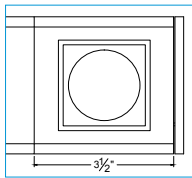
Standard Downlight Location



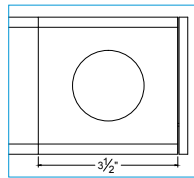
Other Downlight Configuration (consult factory)



Downlight Module

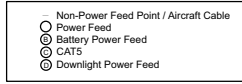


Square Downlight Plate (SQ)



Round Downlight Plate (RD)

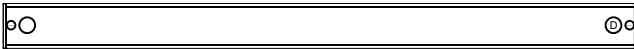
**Feed Point Locations**



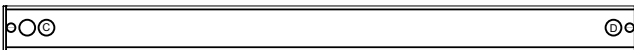
Direct, Dimming\* or Non-Dimming



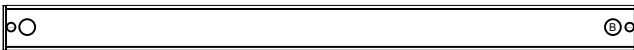
Direct, nLight Controls (wired)



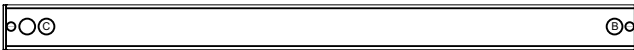
Direct, w/ Downlights\*\*, Dimming\* or Non-Dimming



Direct, w/ Downlights\*\*, nLight Controls (wired)\*\*\*



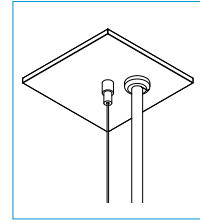
Direct, Battery (E10WLCP), Dimming\* or Non-Dimming



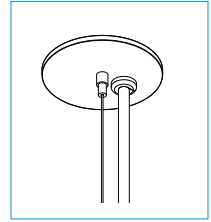
Direct, Battery (E10WLCP), nLight Controls (wired)

\* 2-Wire Dimming (ZT, DALI, and Lutron EcoSystem)  
\*\* Downlights are supplied with a dedicated feed-point and will be controlled separately.  
\*\*\* Downlights with nLight wired controls will use a J-Box mounted control module outside of fixture.

**Single Feed Points**

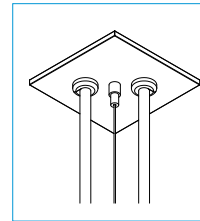


5" Square

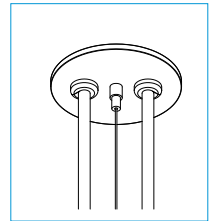


5" Round

**Feed and Cat 5 points**

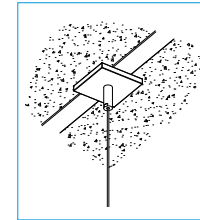


5" Square

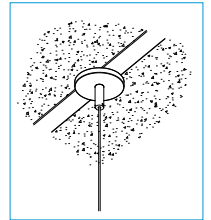


5" Round

**Non-Feed Points for T-Bar Mounting**



2" Square

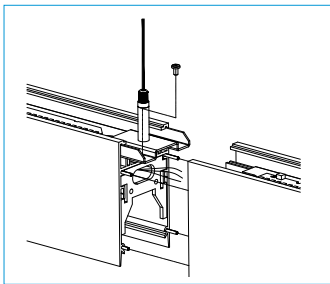


2" Round

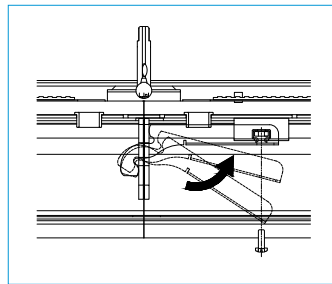
Refer to page 7 for mounting details.

**Joiners**

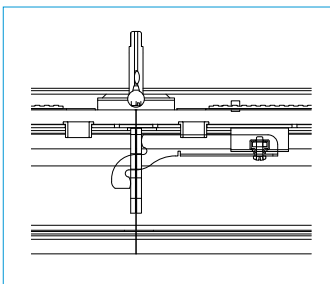
AEL Precision Row-Mount 3-step fixture-to-fixture connection method



Step 1: Align



Step 2: Engage



Step 3: Lock

**Continuous Runs**

Slot 4 LED continuous rows can be configured in 1' increments and featuring the AEL precision joiner to create a hairline seam between luminaires, providing a monolithic visual aesthetic. For custom run lengths less than a 1' increment, consult factory.

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

**Mounting Type**

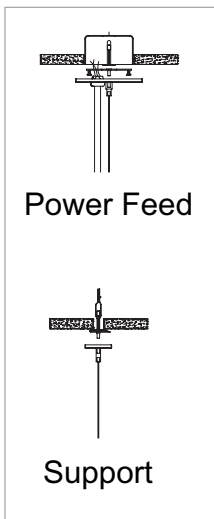
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications.
- F2/** For use with recessed or surface mount horizontal J-box applications.
- F1A/** For use with most T-Bar and ceilings. Designed for on-grid and. Comes complete with J-box with built-in wire way. See also CP.

**Mounting Options**

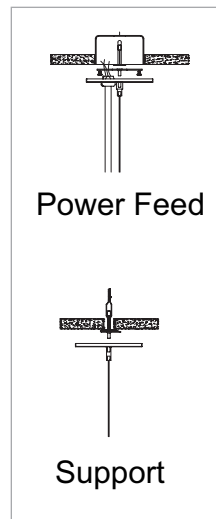
- MCS** Matching canopy at support for aesthetics.

☑ Indicates mounting options available with this luminaire.

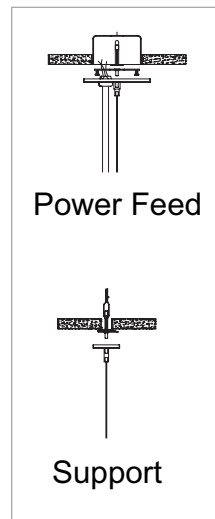
☑ F1/



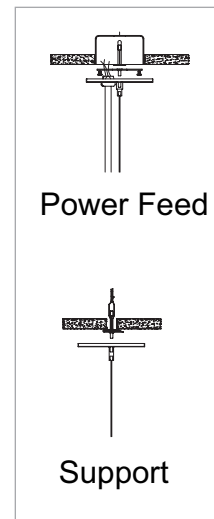
☑ F1/ ordered with MCS



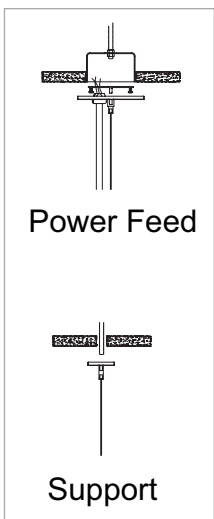
☑ F1A/



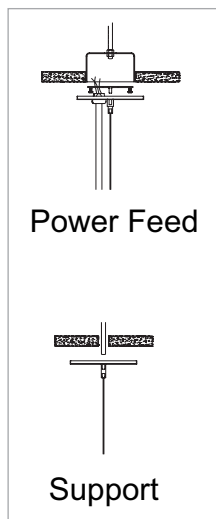
☑ F1A/ ordered with MCS



☑ F2/



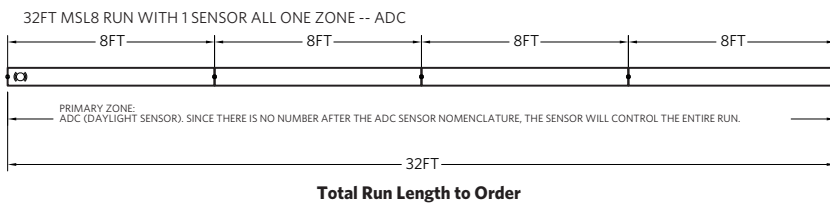
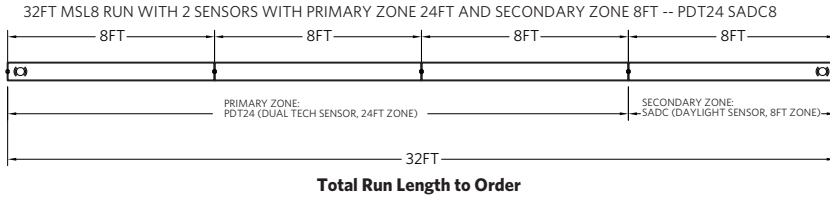
☑ F2/ ordered with MCS



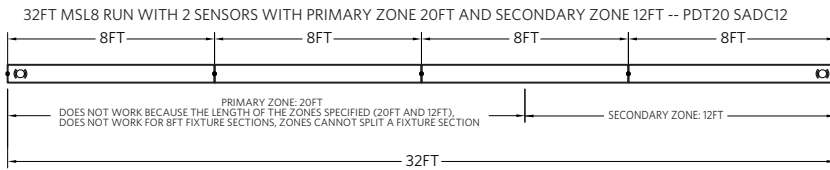
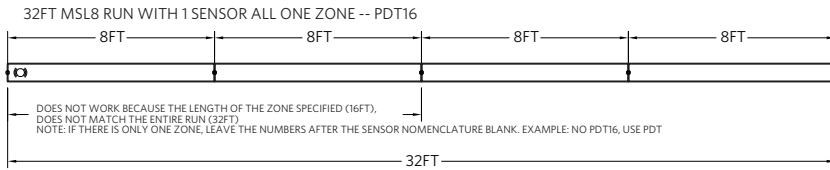
**INTEGRATED SENSOR LAYOUT**

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

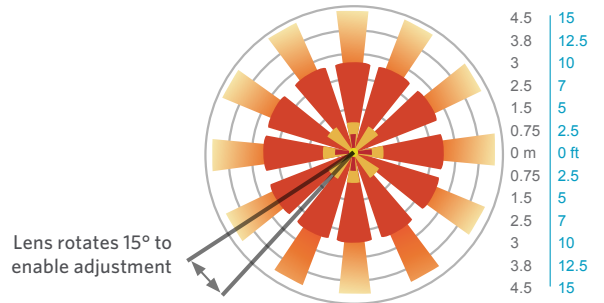
**OCCUPANCY DETECTION COVERAGE**

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).

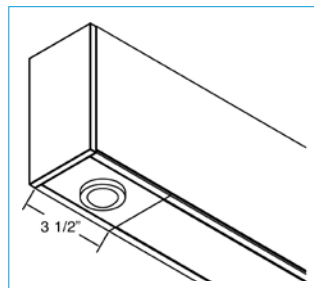
Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

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.



Occupancy Sensor and/or Photocell



**Intelligent Luminaire Technology Guide**

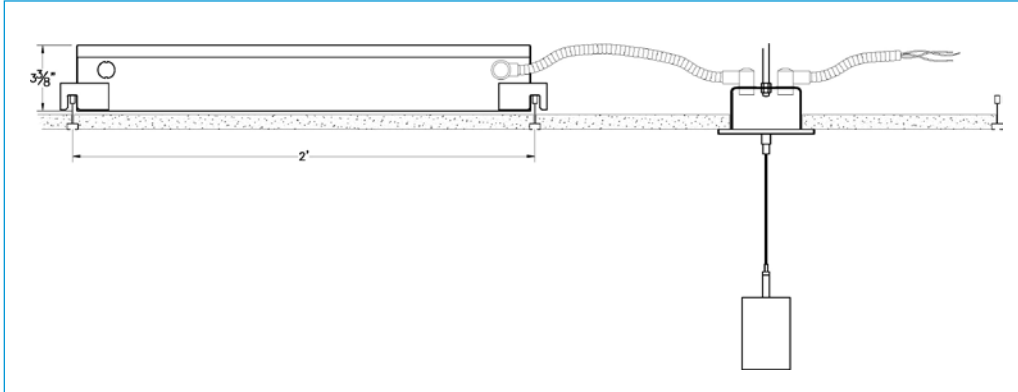
		Choose nomenclature from these columns								
Driver Configurations	Minimum Dimming Level	Control Input	=	Driver	Dimming Range	Notes				
	NODIM	+	(blank)	=	0 10V Generic Driver	-	Includes no 0 10V leads from the driver.			
	MIN10	+	ZT	=	0 10V Generic Driver	100 to 10%	Linear dimming			
	MIN1	+	ZT	=	0 10V eldoLED ECOdrive	100 to 1%	Formerly (EZ1) nomenclature. Linear dimming			
	MIN1	+	NLIGHT	=	0 10V eldoLED ECOdrive	100 to 1%	Logarithmic dimming			
	MIN1	+	ECOD2	=	Lutron forward phase control	100 to 1%	LUTRON Hi-lume 1% 2-wire (model LTEA4U1U)			
	MIN1	+	ECOD5	=	Lutron Ecosystem	100 to 5%	LUTRON 5 Seires EcoSystem LED Driver (model LDE5)			
	MIN1	+	ECOD	=	Lutron Ecosystem	100 to 1%	LUTRON Hi-lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (model LDE1)			
	DARK		ZT		0 10V eldoLED SOLOdrive	100 to 0.1%	Formerly (EZB) nomenclature. Linear dimming			
	DARK		NLIGHT		0 10V eldoLED SOLOdrive	100 to 0.1%	Logarithmic dimming			
	DARK		DALI		DALI compatible eldoLED SOLOdrive	100 to 0.1%	"Compatible with DALI. Formerly (EDB & EDAB) nomenclature." Logarithmic dimming			
	DARK		DMX		DMX compatible eldoLED POWERdrive	100 to 0.1%	"Compatible with DMX / Remote Device Management. Formerly (EXB & EDXB) nomenclature." Linear dimming			

		Choose nomenclature from these columns							
Control / Sensor Configurations	Control Input	Sensor	=	Sensor	Notes				
	ZT	+	API	=	MSD 7 ADCX	Individual fixture control only. PIR integral occupancy sensor with automatic dimming control photocell. (Old nomenclature: ZT + PIR + ADC)			
	ZT	+	APD	=	MSD PDT 7 ADCX	Individual fixture control only. PDT integral occupancy sensor with automatic dimming control photocell. (Old nomenclature: ZT + PDT + ADC)			
	NLIGHT	+	(blank)	=	nIO EZ PH	nLight enabled only. No onboard sensor.			
	NLIGHT		EMG	=	nIO EZ PH ER	Emergency nLight enabled only. No onboard sensor.			
	NLIGHT	+	API	=	nIO EZ PH + nES 7 ADCX	nLight nES 7 ADCX PIR integral occupancy sensor with automatic dimming photocell. (Old nomenclature: NLIGHT + PIR + ADC)			
	NLIGHT	+	PDT	=	nIO EZ PH + nES PDT 7	nLight nES PDT 7 dual technology integral occupancy sensor. (Old nomenclature: NLIGHT + PDT)			
	NLIGHT	+	APD	=	nIO EZ PH + nES PDT 7 ADCX	nLight nES PDT 7 dual technology integral occupancy sensor with automatic dimming photocell. (Old nomenclature: NLIGHT + PDT + ADC)			
	NLTAIR2		(blank)		RIO EZDL 90D G2	<a href="https://www.acuitybrands.com/products/detail/778845/nLight/rIO/Fixture-embedded-nLight-AIR-network-interface">https://www.acuitybrands.com/products/detail/778845/nLight/rIO/Fixture-embedded-nLight-AIR-network-interface</a>			
	NLTAIR2		API		RES7 G2	<a href="https://www.acuitybrands.com/products/detail/593899/nLight/RES7_Sensor/nLight-AIR_Fixture-Integrated-Wireless-Sensor">https://www.acuitybrands.com/products/detail/593899/nLight/RES7_Sensor/nLight-AIR_Fixture-Integrated-Wireless-Sensor</a>			
	NLTAIR2		APD		RES7 PDT G2	<a href="https://www.acuitybrands.com/products/detail/593899/nLight/RES7_Sensor/nLight-AIR_Fixture-Integrated-Wireless-Sensor">https://www.acuitybrands.com/products/detail/593899/nLight/RES7_Sensor/nLight-AIR_Fixture-Integrated-Wireless-Sensor</a>			

**Remote BGTD Mounting Option**

Recessed in sheetrock ceiling; rod mounted to structure.  
Consult factory for other ceiling types or canopy options.

6 foot flexible conduit included, BGTD option should be mounted  
within 6 feet of junction box above fixture.



Accessible Ceiling

