

MARK ARCHITECTURAL LIGHTING™



Slot 4 LED Direct/Indirect 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 5.25" 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. Clear Acrylic dustcover (DC) is available for the indirect distribution only.

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

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. Other available drivers include Lutron, DMX and DALI protocol drivers.

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/QPL to confirm which versions are qualified.

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.

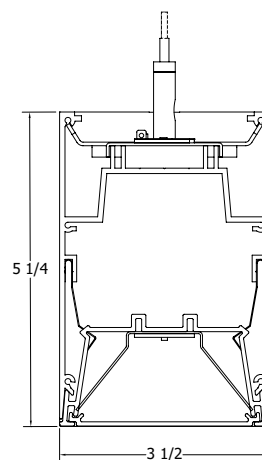
Fixture Performance

4FT INDIVIDUAL (35K)	DIRECT			
Lumens Output	400LMF	600LMF	800LMF	1000LMF
Delivered Lumens	1800	2707	3571	4103
Input Watts	15.4	23.5	32	37.3
Lumen/Watt	117	115	112	110

4FT INDIVIDUAL (35K)	INDIRECT			
Lumens Output	I600LMF	I800LMF	I1000LMF	I1200LMF
Delivered Lumens	2573	3309	4336	5067
Input Watts	16.6	21.7	29.3	35
Lumen/Watt	155	153	148	145

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

Technical Drawing



Direct/Indirect Pendant



Buy American



Buy American:

Product with the BAA option is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT. Please refer to www.acuitybrands.com/buy-american for additional information.

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

Ordering

Example: S4LID 32FT MSL8 80CRI 30K 400LMF I80CRI I30K I600LMF NODIM SCT 277 WHT 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)
S4LID Slot 4 Pendant - Indirect / Direct	LCB Linear center balanced	_FT Specify continuous run length (in whole feet, 2' minimum)	MSL4 4'	80CRI 80 CRI	27K 2700K	400LMF 400 lumens per FT	(blank) Standard lambertian distribution
		Unit length may affect available options.	MSL5 5'	90CRI 90 CRI	30K 3000K	600LMF 600 lumens per FT	
	LLP Linear longest possible	2' & 3' only available as individual units	MSL6 6'		35K 3500K	800LMF 800 lumens per FT	WW² Wallwash distributions
		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.	MSL7 7'		40K 4000K	1000LMF 1000 lumens per FT	WG Wall graze distribution
			MSL8 8'		50K 5000K	_LMF¹ # lumens per FT	WW and WG not available with Downlights, EGLD, LVRR or LVRA.

Indirect Light Source Color Rendering	Indirect LED Color Temp	Indirect LED Light Output	Indirect Distribution (Optics)	Downlight	Downlight Shape	Downlight Color Rendering	Downlight Color Temp
I80CRI 80CRI	I27K 2700K	I600LMF 600 lumens per FT	(blank) No indirect distribution/ Standard lambertian	(blank) No Downlight modules in fixture	(blank) No Downlight modules in fixture	(blank) No Downlight modules in fixture	(blank) No Downlight modules in fixture
I90CRI 90CRI	I30K 3000K	I800LMF 800 lumens per FT	BW Batwing distribution	2DL LED Downlights (2 per unit)	RDD Round	S80CRI 80CRI	S27K 2700K
	I35K 3500K	I1000LMF 1000 lumens per FT	AS Asymmetric distribution	_DL LED Downlights per run (3DL, 4DL, etc)	SQD Square		S30K 3000K
	I40K 4000K	I1200LMF 1200 lumens per FT		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.	Not available with emergency options. Not available with 4' unit with DCT. Not available with any sensors on the same unit.		S35K 3500K
	I50K 5000K	_LMF³ # lumens per FT					S40K 4000K

Minimum Dimming Level	Switching	Optional Shielding	Indirect Shielding	Voltage	Finish	Emergency Options
NODIM⁴ Non - dimming	SCT Single Circuit	(blank) No louver	(blank) No Indirect Shielding	MVOLT Multi-volt, 120 277	WHT White (gloss)	E10WLCP⁹ 4' emergency section w/ battery pack, 1250 lumens
MINI Constant current, dimming to 1%	DCT⁵ Dual Circuit	LVRD⁶ Dropped louver	TGLD Top Glow Lens	120 120V	BLK Black (gloss)	_E10WLCP⁹ 4' emergency section w/ battery pack, 1250 lumens
DARK Constant current, dimming to 0.1%		LVRR⁷ Regressed louver painted to match fixture finish		277 277V	SLV Silver (gloss)	_EC¹⁰ # of emergency circuits
		LVRRRA⁷ Regressed louver, aluminum finish		347⁸ 347V	WHTT White (textured)	BGTD^{10,11} Generator transfer device
		EGLD⁶ Edge View direct lens			BLKT Black (textured)	Not available with 347V.
		Not available with Downlights. Not available with NLTAIR2.			SLVT Silver (textured)	
					RALTB RAL paint finishes	

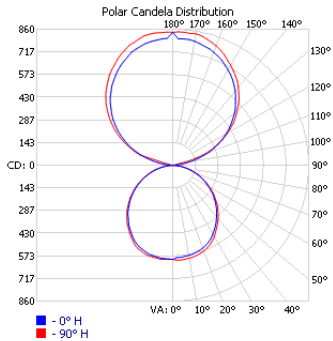
Control Input	Sensor	Secondary Sensor	Tertiary Sensor	Mounting Type
(blank) Non-dimming, line voltage	(blank) Select if single zone/no zone without sensor	(blank) No additional zones/sensors	(blank) No additional zones/sensors	F1/ T-bar ceiling (universal mounting bracket)
ZT 0 10V control	NS Select if multi-zone fixture with no sensor in main zone	SNS Select if multi-zone fixture with no sensor in secondary zone	TNS Select if multi-zone fixture with no sensor in tertiary zone	F1A/ T-bar ceiling (UMB with integrated J-box)
NLIGHT¹² nLight enabled	PDT¹⁸ Occupancy sensor - dual technology (passive infrared & microphonics)	SPDT¹⁸ Occupancy sensor - dual technology (passive infrared & microphonics)		F2/ Hard ceiling (horizontal J-box)
NLTAIR2¹³ nLight AIR (wireless) enabled	ADC¹⁸ Photocell-daylight dimming sensor	SADC¹⁸ Photocell-daylight dimming sensor		
DALI¹⁴ DALI compatible	API¹⁹ PIR occupancy sensor & photocell	SAPI¹⁹ PIR occupancy sensor & photocell		
DMX^{14,15} DMX compatible	APD¹⁹ PDT occupancy sensor & photocell	SAPD¹⁹ PDT occupancy sensor & photocell		
ECOD^{15,16} Lutron Hi-Lume digital driver	Not available with Downlights. Not available with 347V & nLight. (Use ZT or NLTAIR2 Control Inputs where applicable.)	Not available with Downlights. Not available with 347V & nLight. (Use ZT or NLTAIR2 Control Inputs where applicable.)		
ECOD2^{15,16,17} Lutron Hi-Lume 2-wire (1% dimming)				
ECOD5^{15,16} Lutron 5-series digital driver (5% dimming)				

Overall Suspension	Canopy Form	Canopy Color	Cord Color	Options
36A 36" adjustable	RDCY Round Canopy	BLKCY Black canopy	WCRD White cord	GLR¹⁵ Fast-blow fuse
72A 72" adjustable	SQCY Square Canopy	WHTCY White canopy	CCRD Clear cord	GMF¹⁵ Slow-blow fuse
144A 144" adjustable		SLVCY Silver Canopy	BCRD²⁰ Black cord	MCS 5" support canopy to match feed canopy
*Measured from ceiling to bottom of luminaire.			BAA Buy America(n) Compliant	PIF Power Feed Installed
			DC²¹ Clear dust cover	
			DCF²¹ Frosted dust cover	
			DPL Damp location listing	

Notes:

1. Limited to 350LMF to 1050LMF in 50LMF increments. Not available with ECOD, ECOD2, ECOD5 or DMX control input. 50LMF increments not available for 2' units.
2. Not available with NLTAIR2.
3. Limited to 500LMF to 1300LMF in 50LMF increments. Not available with ECOD, ECOD2, ECOD5 or DMX control input. 50LMF increments not available for 2' units.
4. Not available with Control Input.
5. DCT not available with 2' or 3' units, sensors, NLTAIR2 or DMX. Not available on a 4' unit with E10WLCP.
6. Not available with Sensor Options.
7. Not available with sensors on 2', 3' & 5' units.
8. DCT not available with 2' & 3' units with 347, with ZT & sensors, with NLTAIR2, with emergency options, with NLIGHT in 5' units, with NLIGHT & downlights. Only available with WCRD.
9. Not available with 2' or 3' units, or 4' unit with DCT. Not available with DMX control option. One battery pack per unit. Only available on 8' unit with ECOD, ECOD2, ECOD5. Not available on 5' unit with NLTAIR. If with SCT, ZT & API, APD, or NLTAIR2 only available in 7' & 8' units. Not available with DCT & sensors. Not available with DCT & nLight in same unit.
10. Powers entire direct unit, (powers direct & indirect on 2' unit). Not available with DCT & sensors. Not available with DCT & NLTAIR2. Not available with DMX. Not available on individual units with NLTAIR2.
11. Must select 120 or 277 volt. Remote mounted. Not available with sensor and BGTD in same unit. Not available with DCT & NLTAIR2. Not available with DMX.
12. 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.
13. Must select MIN1 or DARK Dim Level. Not available with WW or DCT options on 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.
14. Must select DARK Dim Level.
15. Not available with 347V.
16. Must select MIN1 Dim Level. Not available on 2', 3' or 5' units.
17. 120V only.
18. Requires ZT or NLIGHT Control Input.
19. Requires ZT, NLIGHT or NLTAIR2 Control Input.
20. Longer lead time item.
21. DC & DCF are not available with TGLD option.

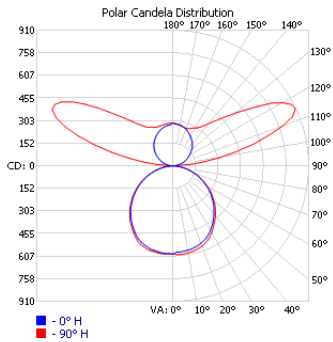
PHOTOMETRICS



Test Report: ISF 37287-37273P0
IES LM 79-08
S4LID 4FT 80CRI 30K 400LMF I600LMF
Lumens: **4205**
Wattage: **31.96W**
Efficacy: **131.5**

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	476.5	11.30%
0-40	778.9	18.50%
0-60	1369.7	32.60%
60-90	372.8	9%
70-100	174.7	4.20%
90-120	489.6	11.60%
0-90	1742.5	41.40%
90-180	2462.9	58.60%
0-180	4205.4	100%

Angle	Candlepower Distribution								
	Plane								
	0	22.5	45	67.5	90	112.5	135	157.5	180
0	596	596	596	596	596	596	596	596	596
5	585	594	602	599	602	601	601	600	593
10	579	589	595	596	597	598	599	597	588
15	569	581	584	587	590	589	592	588	582
20	556	563	572	574	578	577	578	575	564
25	536	543	553	553	555	553	555	556	545
30	505	513	519	518	523	524	523	522	513
35	470	477	484	484	483	484	488	487	479
40	431	440	447	445	447	445	447	447	438
45	391	397	403	404	404	403	409	405	399
50	348	356	358	359	359	358	361	363	354
55	304	312	312	312	315	311	318	316	307
60	256	265	264	263	263	263	264	268	261
65	209	215	214	213	214	214	215	218	211
70	163	166	166	167	168	166	165	166	162
75	117	119	117	118	118	117	117	117	116
80	69	70	71	72	72	72	71	70	69
85	30	32	32	33	33	32	30	29	27
90	0	0	0	0	0	0	0	0	0
95	28	4	5	5	6	6	4	4	30
100	89	86	7	7	6	7	20	93	95
105	163	160	151	145	103	143	157	170	169
110	246	240	239	231	227	228	241	247	241
115	317	321	322	315	312	313	324	327	315
120	383	396	400	395	394	395	401	402	381
125	449	467	468	466	469	465	467	469	445
130	509	530	533	529	530	528	532	538	504
135	560	587	591	589	594	592	594	596	559
140	615	639	645	643	644	643	648	651	608
145	660	686	687	685	691	692	697	697	653
150	697	729	730	728	731	732	742	738	694
155	734	771	772	770	772	769	773	773	728
160	760	801	804	797	804	803	801	802	762
165	779	823	826	822	827	820	828	825	781
170	797	840	842	840	844	838	846	844	795
175	803	845	849	845	844	846	851	851	803
180	841	841	841	841	841	841	841	841	841



Test Report: ISF 37287-37268
IES LM 79-08
S4LID 4FT 80CRI 30K 400LMF I600LMF BW
Lumens: **3630**
Wattage: **32.1W**
Efficacy: **113**

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	473.6	13.00%
0-40	774.2	21.30%
0-60	1361.3	38%
60-90	370.5	10.20%
70-100	264.1	7.30%
90-120	921	25.40%
0-90	1731.8	47.70%
90-180	1898.3	52.30%
0-180	3630.2	100%

Angle	Candlepower Distribution								
	Plane								
	0	22.5	45	67.5	90	112.5	135	157.5	180
0	592	592	592	592	592	592	592	592	592
5	581	590	598	595	598	597	597	596	589
10	575	585	591	592	593	594	595	593	584
15	566	577	580	583	586	585	588	584	578
20	553	560	568	570	574	573	574	571	561
25	533	540	550	550	552	550	552	553	542
30	502	510	516	515	520	521	520	519	510
35	467	474	481	481	480	481	485	484	476
40	428	437	444	442	444	442	444	444	435
45	389	395	401	402	402	401	406	403	397
50	346	354	356	357	357	356	359	361	352
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	0	0	0	0	0	0	0	0	0
95	16	79	131	139	130	125	113	68	13
100	37	120	319	338	317	320	291	109	34
105	59	146	417	569	555	548	390	134	57
110	82	161	455	741	783	718	421	148	77
115	102	171	441	787	906	763	410	159	97
120	122	182	394	707	847	684	368	174	117
125	144	193	347	582	696	568	328	186	139
130	165	202	309	478	555	467	295	196	159
135	185	208	281	394	443	386	271	203	178
140	203	217	267	337	368	329	265	214	196
145	218	229	259	302	318	296	259	226	212
150	232	240	255	286	292	278	253	238	226
155	248	254	257	270	277	264	254	249	240
160	261	268	264	264	267	262	260	261	252
165	271	279	274	269	269	266	269	272	262
170	279	287	284	277	277	274	278	281	270
175	281	290	287	284	283	283	286	286	275
180	288	288	288	288	288	288	288	288	288

EXPECTED LIFE: L85 @ 60,000
CALCULATED LIFE: L70 @ 120,000

Shielding



Co-Extruded WG



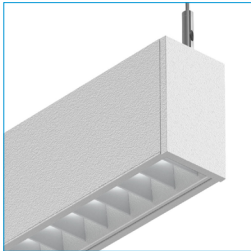
Co-Extruded WW



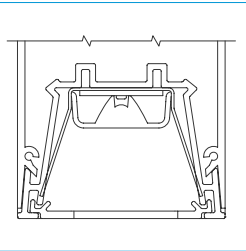
Edge View Lens



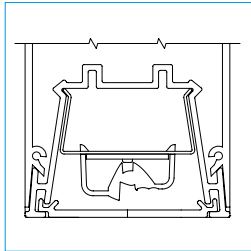
External Louver



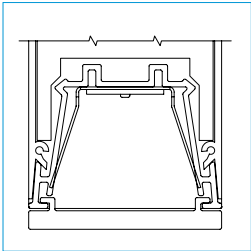
Regressed Louver



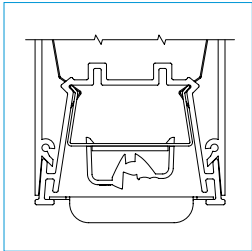
Co-Extruded WG
(Standard)



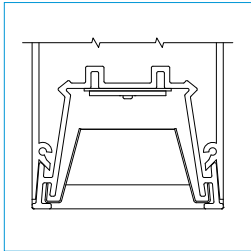
Co-Extruded WW
(Standard)



Edge View Lens
(Optional)



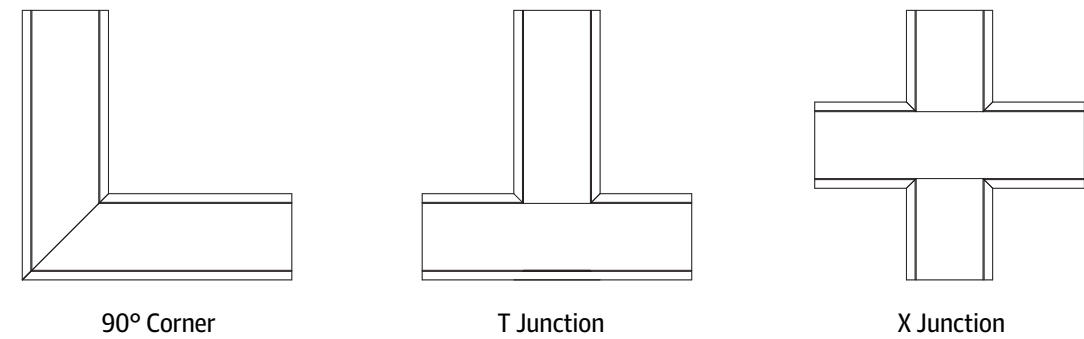
External Louver WW
(Painted to Match Housing)



Regressed Louver
(Natural Aluminum or
Painted to Match Housing)

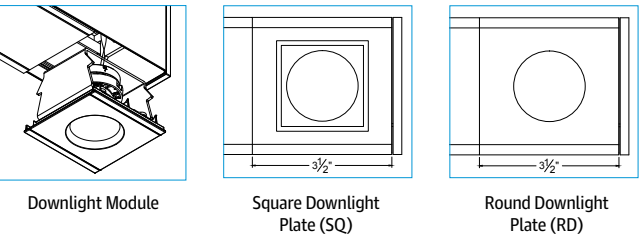
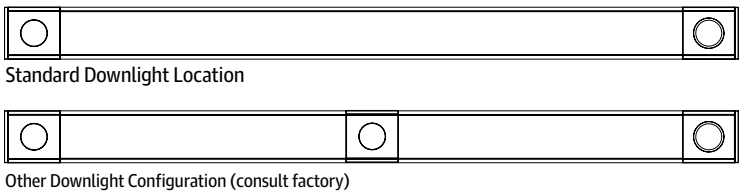
Run Patterns, Corners and Junction

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.



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.



MARK

ARCHITECTURAL
LIGHTING™

Slot 4 LED

Direct/Indirect Pendant

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.

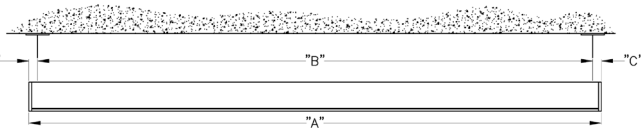
LLP	8 FT	8 FT	4FT
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LCB- Linear Center Balanced:

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.

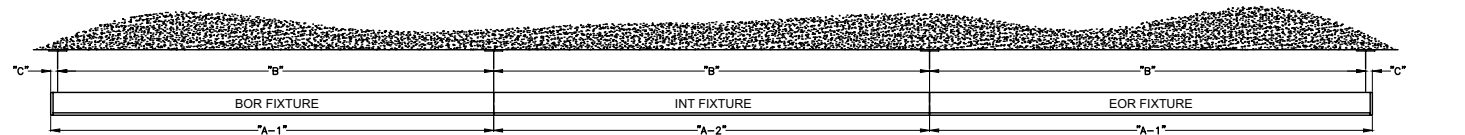
LCB	4 FT	8 FT	4FT
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Individual Fixture Configurations



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"

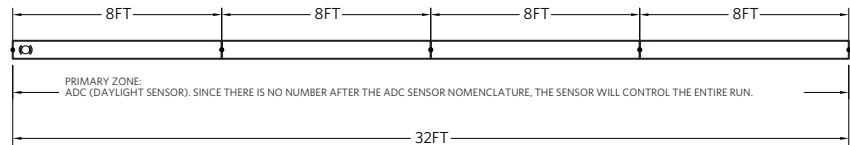
Run Configurations



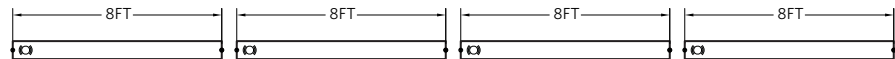
RUN LAYOUT (MOUNTING)				
LENGTH	"A-1" O.A.L.	"A-2" O.A.L.	"B" O.C.	"C" FROM END
4FT	4'-0 5/16"	4'-0"	4'-0"	5/16"
5FT	5'-0 5/16"	5'-0"	5'-0"	5/16"
6FT	6'-0 5/16"	6'-0"	6'-0"	5/16"
7FT	7'-0 5/16"	7'-0"	7'-0"	5/16"
8FT	8'-0 5/16"	8'-0"	8'-0"	5/16"

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 "S4LID LLP 32FT MSL8..."



Example: If you order as 4pcs "S4LID 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:
S4LID LLP 21FT MSL5... = 5FT / 4FT / 4FT / 4FT / 4FT
S4LID LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT
S4LID LLP 21FT MSL7... = 7FT / 7FT / 7FT
S4LID LLP 21FT MSL8... = 8FT / 8FT / 5FT

Feed Point Locations

- Non-Power Feed Point / Aircraft Cable
- Power Feed
- ⊖ Battery Power Feed
- ⊕ CAT5
- ⊙ Downlight Power Feed



Direct/Indirect, Non-Dimming*, Linear No Separate Switching (SCT) or Linear Separate Switching (DCT)



Direct/Indirect, Dimming*, Linear No Separate Switching (SCT)



Direct/Indirect, Dimming*, Linear Separate Switching (DCT)



Direct/Indirect, nLight Controls (wired), Linear No Separate Switching (SCT) or Linear Separate Switching (DCT)



Direct/Indirect, w/Downlights**, Non-Dimming, Linear No Separate Switching (SCT) or Linear Separate Switching (DCT)



Direct/Indirect, w/Downlights**, Dimming*, Linear No Separate Switching (SCT)



Direct/Indirect, w/Downlights**, Dimming*, Linear Separate Switching (DCT)



Direct/Indirect, w/Downlights**, nLight Controls (wired)***, Linear No Separate Switching (SCT) or Linear Separate Switching (DCT)



Direct/Indirect, Battery (E10WLCP), Non-Dimming, Linear No Separate Switching (SCT) or Linear Separate Switching (DCT)



Direct/Indirect, Battery (E10WLCP), Dimming*, Linear No Separate Switching (SCT)



Direct/Indirect, Battery (E10WLCP), Dimming*, Linear Separate Switching (DCT)



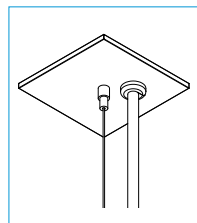
Direct/Indirect, Battery (E10WLCP), nLight Controls (wired), Linear No Separate Switching (SCT) or Linear Separate Switching (DCT)

* 2-Wire Dimming (ZT, DALI, and Lutron EcoSystem)

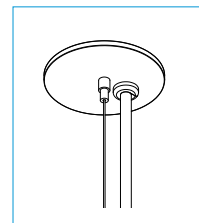
** Downlights are supplied with a dedicated feed-point and will be controlled separately.

*** Downlights with nLight wired controls will use a J-Box mounted control module outside of fixture.

Single Feed Points

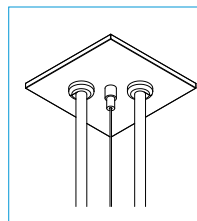


5" Square

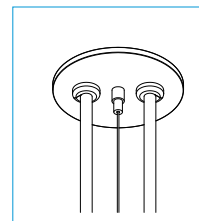


5" Round

Feed and Cat 5 points

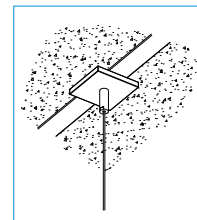


5" Square

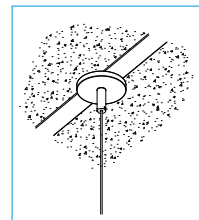


5" Round

Non-Fed Points for T-Bar Mounting



2" Square



2" Round

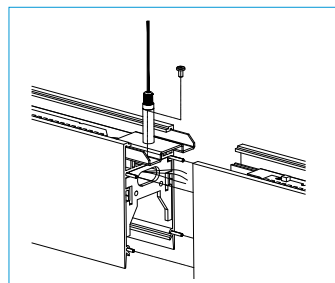
Refer to page 7 for mounting details.

Continuous Runs

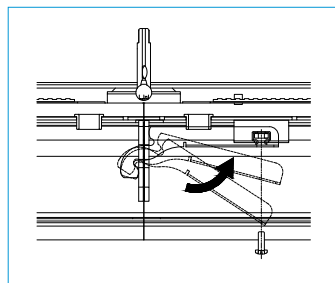
Slot 4 LED continuous rows can be configured in 1' increments and featuring the AEL precision joiner to create a hairline seam between luminaires, providing a monolithic visual aesthetic. For custom run lengths less than a 1' increment, consult factory.

Joiners

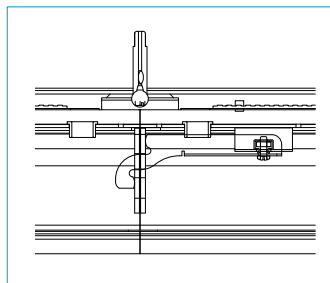
AEL Precision Row-Mount 3-step fixture-to-fixture connection method



Step 1: Align



Step 2: Engage



Step 3: Lock

MARK

ARCHITECTURAL
LIGHTING™

Slot 4 LED

Direct/Indirect Pendant

MOST COMMON MOUNTING TYPES AND OPTIONS

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

Mounting Type	Mounting Options
F1/ For use with most T-Bar grid ceilings. Designed for on-grid and off-grid applications.	MCS Matching canopy at support for aesthetics.
F2/ For use with recessed or surface mount horizontal J-box applications.	
F1A/ For use with most T-Bar and screw slot grid ceilings. Designed for on-grid applications. <i>Comes complete with J-box with built-in.</i>	

☒ Indicates mounting options available with this luminaire.

☒ F1/

Power Feed

Support

☒ F1/ ordered with MCS

Power Feed

Support

☒ F1A/

Power Feed

Support

☒ F1A/ ordered with MCS

Power Feed

Support

☒ F2/

Power Feed

Support

☒ F2/ ordered with MCS

Power Feed

Support

Slot 4 LED

Direct/Indirect Pendant

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.

Diagram illustrating the layout of the 32FT Dual Tech Sensor Cable. The cable is divided into four 8FT segments. The first segment contains a PDT24 sensor. The second segment is labeled PRIMARY ZONE: PDT24 (DUAL TECH SENSOR, 24FT ZONE). The third segment is labeled SECONDARY ZONE: SADC (DAYLIGHT SENSOR, 8FT ZONE). The fourth segment contains an SADC sensor. The total run length is 32FT.

Diagram illustrating a run length configuration:

- The total run length is 32FT, divided into three 8FT segments.
- The first 8FT segment contains the ADC sensor.
- Primary Zone: ADC (Daylight Sensor). Since there is no number after the ADC sensor nomenclature, the sensor will control the entire run.

8FT 8FT 8FT 8FT

DOES NOT WORK BECAUSE THE LENGTH OF THE ZONE SPECIFIED (16FT)
DOES NOT MATCH THE ENTIRE RUN (32FT)
NOTE: IF THERE IS ONLY ONE ZONE, LEAVE THE NUMBERS AFTER THE SENSOR NOMENCLATURE BLANK. EXAMPLE: NO PD16, USE PDT

32FT

Diagram illustrating a fixture section layout:

- Overall length: 32FT
- Section divided into four 8FT segments.
- Primary Zone: 20FT (indicated by a bracket spanning the first three 8FT segments).
- Secondary Zone: 12FT (indicated by a bracket spanning the last two 8FT segments).
- Notes:
 - DOES NOT WORK BECAUSE THE LENGTH OF THE ZONES SPECIFIED (20FT AND 12FT).
 - DOES NOT WORK FOR 8FT FIXTURE SECTIONS, ZONES CANNOT SPLIT A FIXTURE SECTION

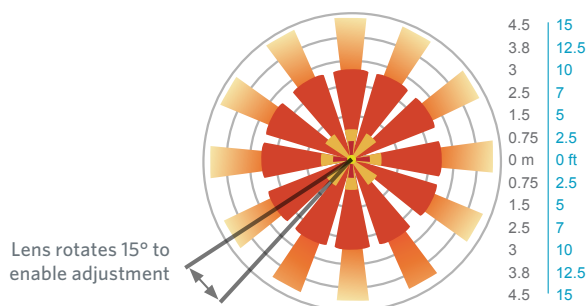
- Only one sensor per zone
- At the most, the entire run can only have 2 sensors (thus 2 sensors zones at the most)
- Sensor zone can not split fixture sections
- No overlapping zones

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.

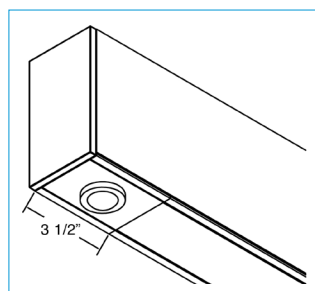
Adequate for walking motion detection from mounting heights between 7.5 ft (2.29 m) and 20 ft (6.10 m).

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.



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

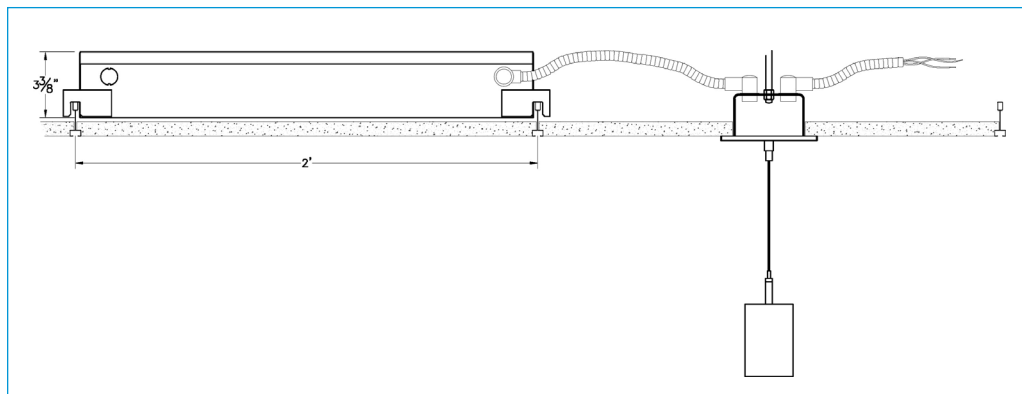
Choose nomenclature from these columns							
Driver Configurations	Minimum Dimming Level		Control Input		Driver	Dimming Range	Notes
	NODIM	+	(blank)	=	0 10V Generic Driver	-	Includes no 0 10V leads from the driver.
	MIN10	+	ZT	=	0 10V Generic Driver	100 to 10%	Linear dimming
	MIN1	+	ZT	=	0 10V eldoLED 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	https://www.acuitybrands.com/products/detail/778845/nLight/rIO/Fixture-embedded-nLight-AIR-network-interface
	NLTAIR2		API		RES7 G2	https://www.acuitybrands.com/products/detail/593899/nLight/RES7_Sensor/nLight-AIR_Fixture-Integrated-Wireless-Sensor
	NLTAIR2		APD		RES7 PDT G2	https://www.acuitybrands.com/products/detail/593899/nLight/RES7_Sensor/nLight-AIR_Fixture-Integrated-Wireless-Sensor

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

Emergency Battery Packs

The PS1055LCP battery is integral to the fixture and comes standard with a remote test switch and self-diagnostics.

