

OVERVIEW

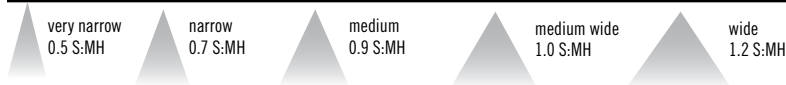
## General Illumination Pendant Cord Cylinder with nTune

# 6"

### Feature Set

- Tunable White solutions (2700K-6500K, 3000K-5000K) reproduce natural light patterns and colors, complement materials, and support productivity.
- WARMDIM® Range (3000K-1800K) for relaxing; warm and comfortable when dimmed
- Batwing distribution with feathered edges provides even illumination on horizontal and vertical surfaces
- 45° cutoff to source and source image
- Fixtures are damp location standard; wet location option (WL)
- 70% lumen maintenance at 60,000 hours
- 2.5 SDCM; 85 CRI typical, 90+ CRI optional
- Have the cleanest of installations with a 0.29" diameter color coordinated cord. Multi-conductor ultra-pliable cord with embedded aircraft cable ensures no chance of kinks, crooked mounting, or need to tether power cord to suspension cable (patent pending).
- Multiple recessed or surface j-box mounting configurations available with cords
- 20 standard colors in textured and gloss finish; custom or RAL colors also available

### Distribution



### Superior Performance

Nominal	750	1000	1500	2000	2500	3000	3500	4000	4500	5000
Delivered	850	1028	1401	1915	2469	2940	3527	4044	4722	4994
Wattage	9	10	14	19	24	28	34	40	48	50
Lumens per Watt	93	99	100	103	102	105	103	102	99	100

\*80 CRI, 3500K



COMPLIMENTARY PRODUCTS

### Coordinated Apertures | Multiple Layers of Light



General Illumination Layer | EVO



High Center Beam Layer | Incito



EVO + Incito — Multiple Layers of Light

Core	Downlight	Adjustable	Open Wallwash	Lensed Wallwash	Cylinder	Pinhole	Bevel	Hyperbolic
Healthcare	MRI	Surgical Suite	Patient Room					
Special Applications	Dynamic	Food Service	Vandal/Tamper	Clean Room	Shower	Steam Room		

A+ Capable options indicated by this color background.

Luminaire Type:

Catalog Number:

EXAMPLE: EVO6CC TUWH RHYR/30 AR MWD LSS MVOLT JBX CCAN C120 ZT DWHG

Series	Dynamic Feature	Dynamic Range <sup>1</sup>	Lumens <sup>2</sup>	Reflector Color	Distribution
EVO6CC EVO 6in Pendant Cord Round Cylinder Open Downlight	TUWH Tunable White WDIM Warm Dimming	PROR/ Productivity Range (3000K-5000K)	02 250 lumens	AR Clear	VND Very narrow (0.5 s/mh)
		RHYR/ Rhythm Range (2700K-6500K)	05 500 lumens	PR Pewter	ND Narrow (0.7 s/mh)
		HALR/ Halogen Range (3000K-1800K)	07 750 lumens	WTR Wheat	MD Medium (0.9 s/mh)
			10 1000 lumens	GR Gold	MWD Medium wide (1.0 s/mh)
			15 1500 lumens	WR <sup>3</sup> White painted	WD Wide (1.2 s/mh)
			20 2000 lumens	BR <sup>3</sup> Black	
			25 2500 lumens	WRAMF <sup>3</sup> White Anti-microbial	
			30 3000 lumens	BZR <sup>3</sup> Dark Bronze painted	
			35 3500 lumens	TRALTB <sup>3</sup> Trim RAL # TBD (TBD for pricing only)	
			40 4000 lumens	TCPC <sup>3</sup> Trim Custom Paint Color TBD (TBD for pricing only)	
			45 4500 lumens		
	50 5000 lumens				

Reflector Finish	Voltage	Mounting	Canopy Type	Cord Length <sup>8,9</sup>
LSS Semi-specular	MVOLT 120V - 277V	JBX <sup>5</sup> Integral driver, Recessed or Surface J-box	CCAN 5° Cord canopy with "hang straight" swivel	C120 10' Mounting Cord
LD Matte diffuse	120 120V	JBXCC <sup>5</sup> Integral driver, Surface J-box with Conduit Covers	CCAN45 45° Cord canopy with "hang straight" swivel	C180 15' Mounting Cord
LS Specular	277 277V	RGH <sup>6</sup> Recessed gear housing		C240 20' Mounting Cord
	347 <sup>4</sup> 347V	SGB <sup>7</sup> Surface gear box. Recessed or surface J-box		
		SGBCC <sup>7</sup> Surface gear box (for driver at ceiling), surface J-box with Conduit Covers.		

Control Interface	Options	Architectural Colors - Powder Paint <sup>12</sup>	
NLT <sup>10</sup> nLight nTune interface	SF Single fuse. Specify 120 or 277V.	DWHAMF Gloss White with Anti-microbial finish	DBBT Textured Dark Bronze
NLTER <sup>10</sup> nLight nTune interface with emergency circuit	90CRI High CRI (90+)	DDB Gloss Dark Bronze	DBLB Textured Black
ZT 0-10V dimming	WL <sup>11</sup> Wet Location	DBL Matte Black	DWHG Textured White
DALI DALI logarithmic dimming to <1%.		DWH Gloss White	DBNH Textured Bronze
		DMB Matte Medium Bronze	DNAT Textured Natural Aluminum
		DNA Gloss Natural Aluminum	DSST Textured Sandstone
		DSS Gloss Sandstone	DSPD Textured Dark Grey
		DGC Gloss Charcoal Grey	DSPE Textured Green
		DTG Gloss Tennis Green	DSPH Textured Light Red
		DBR Gloss Bright Red	RALTB <sup>3</sup> Cylinder RAL # TBD (TBD for pricing only)
		DSB Gloss Steel Blue	CPCTBD Cylinder Custom Paint Color TBD (TBD for pricing only)

**ACCESSORIES — order as separate catalog numbers (shipped separately)**

CYLJBOXADPT 4SQ2OCT \_\_\_ 4in Square J-box to 4in Octagonal J-box adaptor. Replace \_\_\_ with Architectural Color or PRM for primed ready for field painting

**ORDERING NOTES**

- PROR and RHYR available only with TUWH. HALR available only with WDIM.
- Nominal lumen values when tested at 3500K.
- Not available with Reflector Finishes.
- Factory supplied step down transformer must be remote mounted. Access required to location of remote mounted device.
- For use only with DALI driver option.
- For use with DALI, NLT, NLTER or ZT Control Interface options.
- For use with DALI and ZT Control Interface options.
- Cord can be cut in field to achieve non-uniform lengths (i.e. for a field cut 8' length, order 10' cord). Cord length is nominal: actual length is about 2" shorter.
- Cord color is determined by cylinder color: DWHG, DWH, and DWHAMF will have white cord; DBL and DBLB will have black cord; all others will have gray cord.
- TUWH + NLT/NLTER requires RGH mounting and power from nLight network bridge or nPS 80. WDIM + NLT/NLTER available factory installed with RGH; nLight field installed with other mounting types. Access required to location of remote mounted.
- Not available with JBXCC or SGBCC.
- For details on RAL and Custom colors please see Architectural colors.

**Optical Assembly**

Fully serviceable and upgradeable lensed LED light engine suitable for field maintenance or service from below the ceiling. Optical design is a Bounding Ray™ design with 45° cutoff to source and source image. Top down flash characteristic for superior glare control.

**Electrical**

The luminaire shall operate from a 50 or 60 Hz ±3 Hz AC line over a voltage ranging from 120 VAC to 277 VAC. The fluctuations of line voltage shall have no visible effect on the luminous output.

The luminaire shall have a power factor of 90% or greater at all standard operating voltages and full luminaire output. Sound Rated A+. Driver shall be >80% efficient at full load across all input voltages. Input wires shall be 18AWG, 300V minimum solid copper.

**Controls**

Tunable white nTune™ is an all-digital light color temperature control within an nLight enabled luminaire.

nTune™ allows color temperature settings through the Productivity Range of 3000K to 5000K or Rhythm Range of 2700K to 6500K. Refer to nLight Programming User's Guide for instructions on customizing your application with SensorView™.

**Dimming**

The luminaire shall be capable of continuous dimming without perceivable stroboscopic flicker as measured by flicker index (ANSI/IES RP-16-10) over a range of 100 – 0.1% of rated lumen output with a smooth shut off function to step to 0%.

**Construction**

Heaving-gauge aluminum construction. Extruded cylinder body with flangeless reflector allows flow-through passive thermal management. Canopy matches cylinder in finish and diameter.

Pendant cord mount for installation to 4" recessed or surface octagonal junction box with integral driver.

Recessed gear box available for driver above ceiling, nLight, or battery pack options.

Surface gear box available for driver at ceiling installation.

Optional field configurable conduit covers available. Conduit covers match cylinder in finish and diameter.

**Listings**

Fixtures are CSA Certified to meet US and Canadian Standards: All fixtures manufactured in strict accordance with the appropriate and current requirements of the "Standards for Safety" to UL, damp location standard; wet location covered ceiling optional (WL).

**Photometrics**

LEDs tested to LM-80 standards. Measured by IESNA Standard LM-79-08 in an accredited lab. Lumen output shall not decrease by more than 30% over the minimum operational life of 60,000 hours.

Color appearance from luminaire to luminaire of the same type and in all configurations, shall be consistent both initially and at 60,000 hours and operate within a tolerance of <2.5 MacAdam ellipse as defined by the center of the quadrangles defined in ANSI C78.377-2015.

**Buy American Act**

This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FAR, DFARS and DOT regulations. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

**Warranty**

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://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.

**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

Tables of Use

Driver Default Dimming Curve			
Nomenclature	Min Dimming	Driver Dim Curve	Control Dim Curve
ZT	0.1%	Linear	Linear/Logarithmic
DALI	0.1%	Linear	Linear/Logarithmic

Distributions		
Nomenclature	Beam Angle	Field Angle
VND	30	64
ND	44	69
MD	54	82
MWD	67	89
WD	71	92

J-box Compatibility Matrix		Cylinder Configurations					
		6" Pend CYL	6" Pend CYL Surf Gear Box	6" Pend CYL Surf Gear Box w/ Conduit Cover	6" Pend CYL DMX Surf Gear Box	6" Pend CYL DMX Surf Gear Box w/ Conduit Cover	6" Pend CYL w/ Conduit Cover
Recommended J-box (by others)	4" Octagonal 4x4x1.5 deep"	✓	✓	✓	✓	✓	✓
	4" Octagonal 4x4x2.125 deep	✓	✓	✗	✓	✗	✗
	4" Square 4x4x1.5 deep	✓ *with adaptor plate accessory	✓ *with adaptor plate accessory	✗	✓ *with adaptor plate accessory	✗	✗

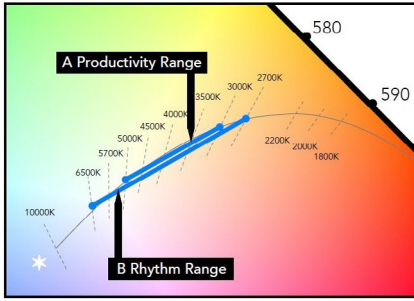
Standard Architectural Color Options for Cylinder Bodies



NOTE: These colors were carefully reproduced to give as true a depiction as possible of finished product color. Some colors, however, may vary slightly from actual appearance due to display/printing variations and limitations. Please order the GCOLORS KIT listed in the 'Accessories' section of the spec sheet for an accurate paint chip sample.



MAINSTREAM DYNAMIC TUNABLE WHITE WITH NTUNE TECHNOLOGY



Tunable white nTune™ is an all digital light color temperature control within an nLight enabled luminaire. This brings tunable white lighting control into the mainstream with repeatable, consistent results in an economical luminaire form and system already familiar to schools. Designers and facility operators are granted the freedom to tie scenes to specific activities or to complement colors or materials within a visual environment. nTune™ allows color temperature settings through the Productivity Range of 3000K to 5000K or Rhythm Range of 2700K to 6500K. Refer to nLight Programming User's Guide for instructions on customizing to your application with SensorView™.

TUNABLE WHITE GPHD

**Gamut:** One dimensional warm-Cool

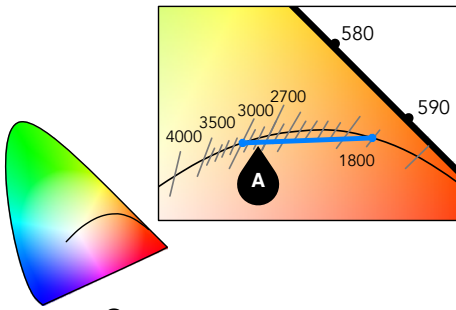
**Path:** Direct 3000K to 5000K (Productivity Range) or 2700K to 6500K (Rhythm Range)

**Handle:** Two Natural Language Handles: Intensity and CCT

**Data:** nLight with nTune technology for both handles of control

**A** Productivity Range 3000K to 5000K

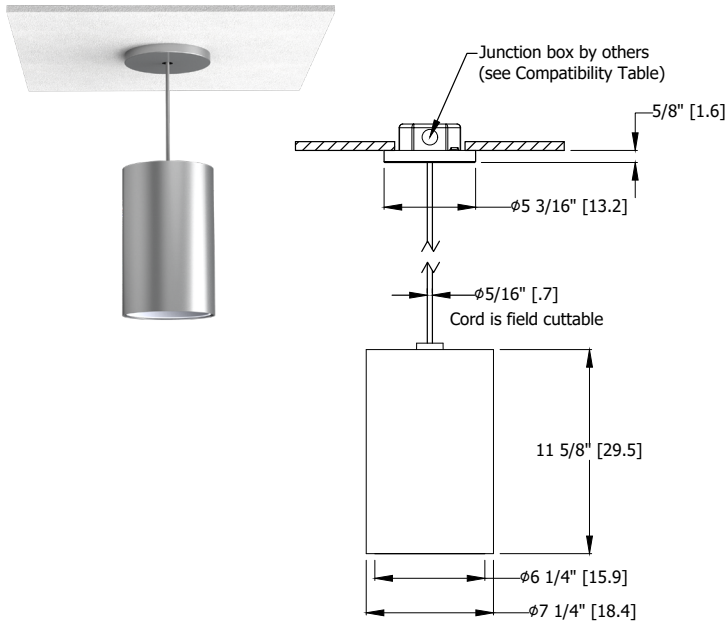
**B** Rhythm Range 2700K to 6500K



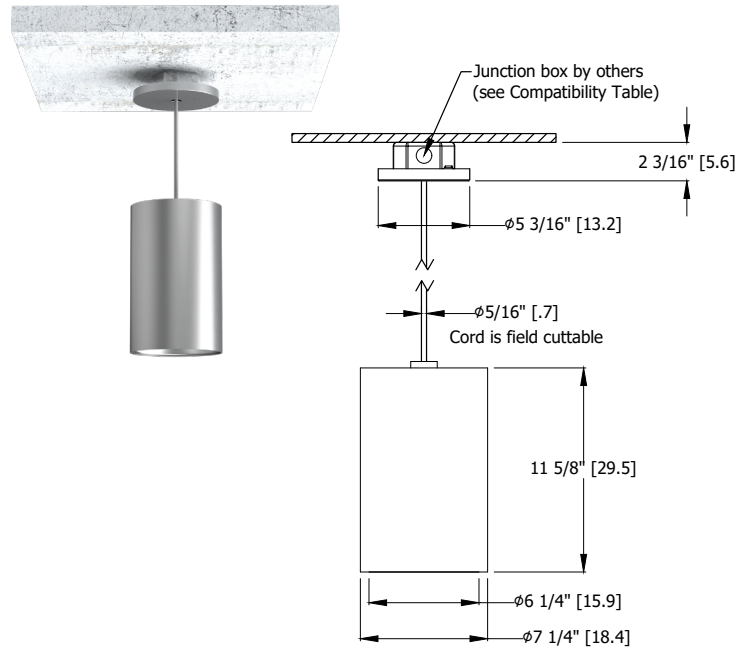
**A** Halogen Range 3000K to 1800K

DIMENSIONAL DATA

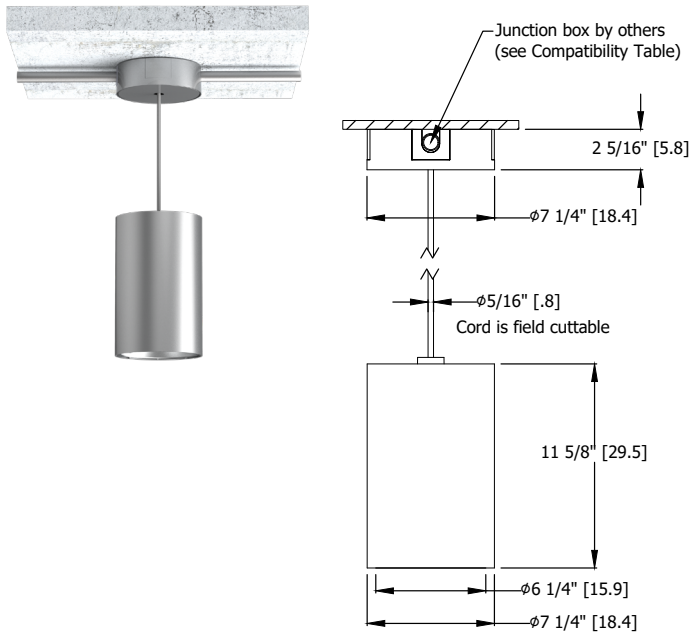
**JBX Recessed J-Box**



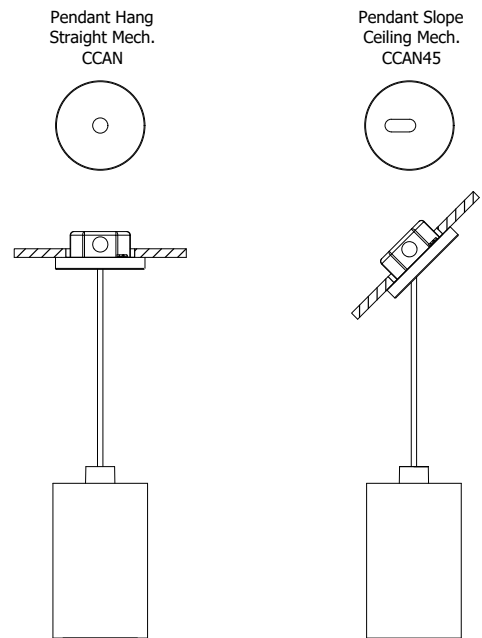
**JBX Surface J-Box**



**JBXCC Surface J-Box with Conduit Covers**

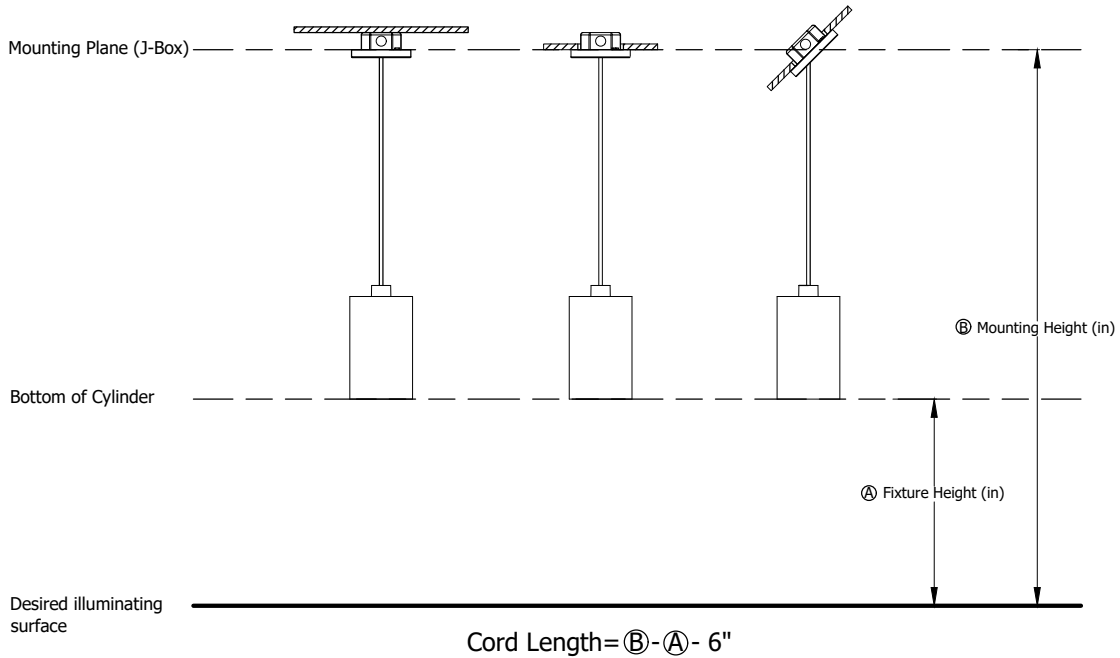


**Canopy Covers for Flat or Sloped Ceilings**

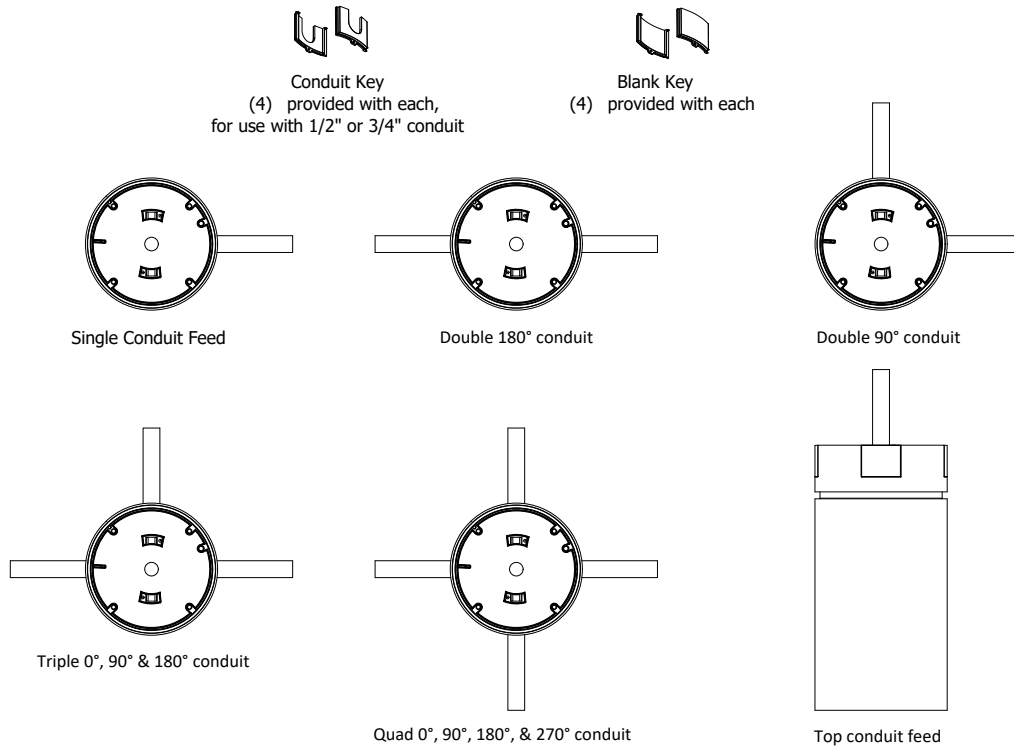


\*Dimensions in inches [centimeters]

**Cutting Formulas for JBX**

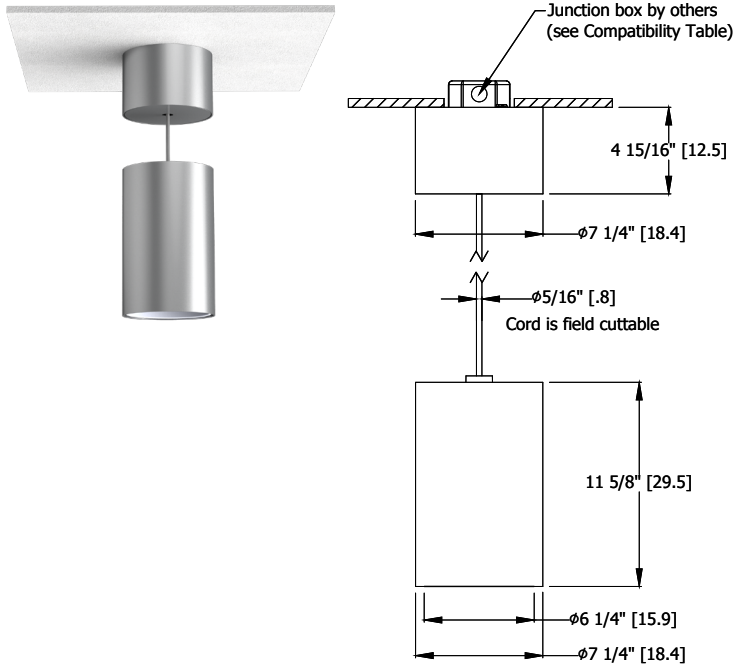


**Conduit Feed Examples and Keys**

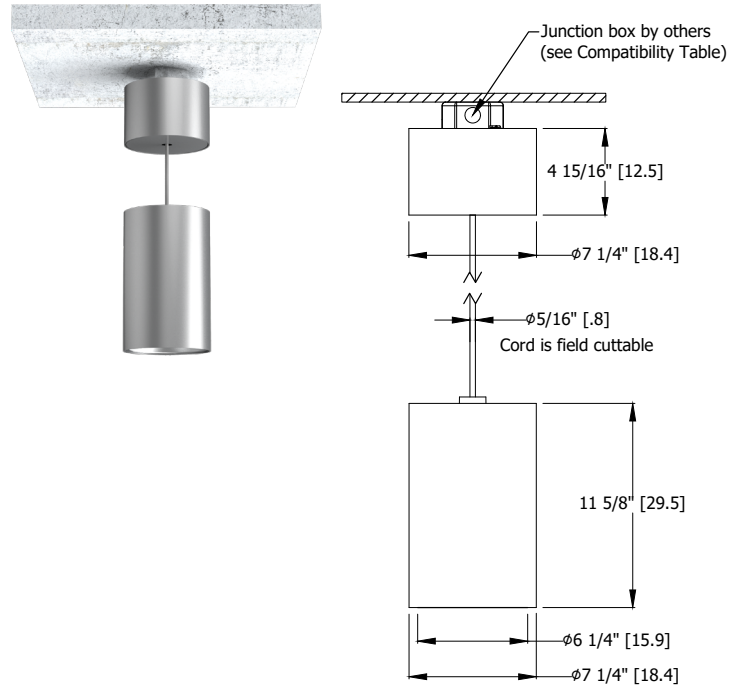


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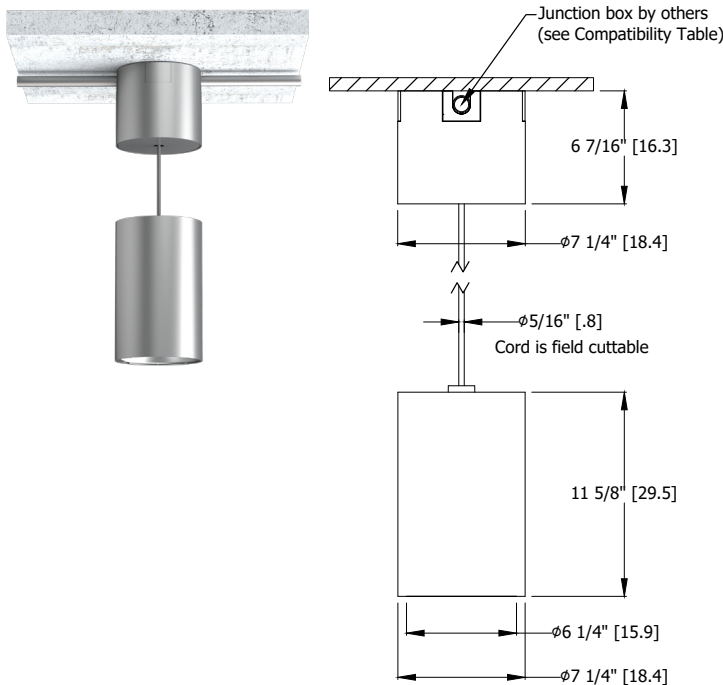
**SGB Surface Gear Box for DMX Recessed**



**SGB Surface Gear Box for DMX Surface**

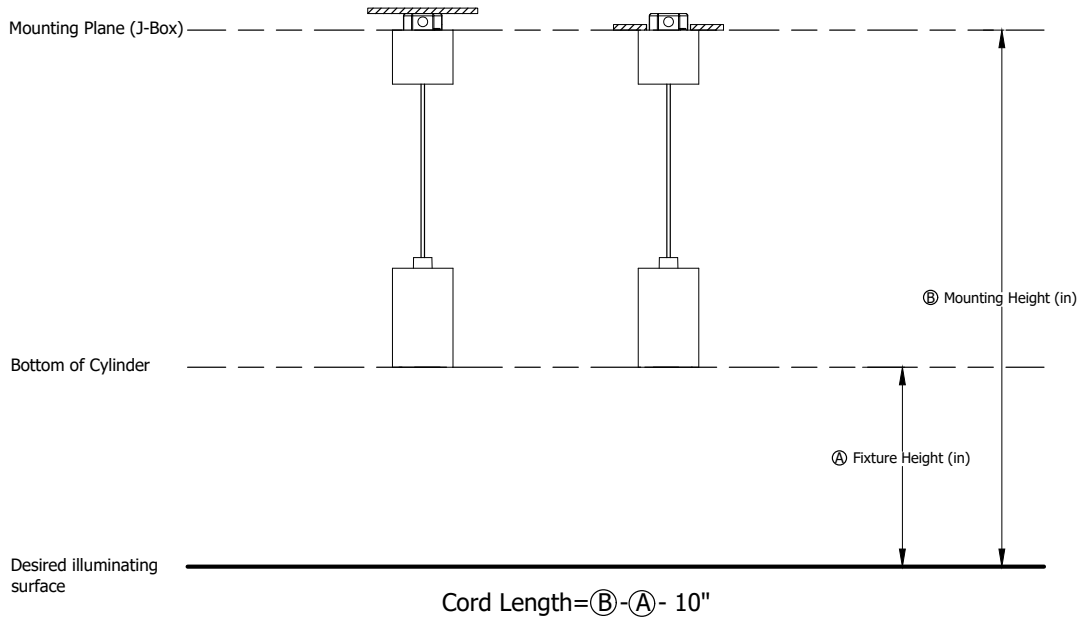


**SGBCC Surface Gear Box for DMX with Conduit Covers**

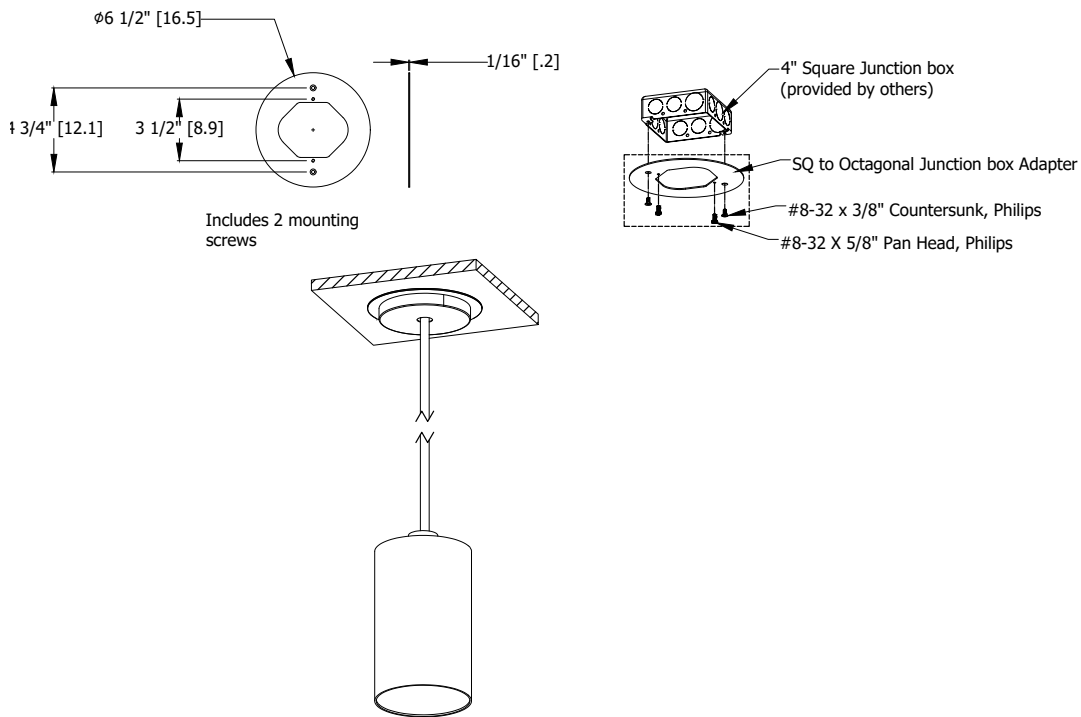


DIMENSIONAL DATA

**Cutting Formulas for SGB**

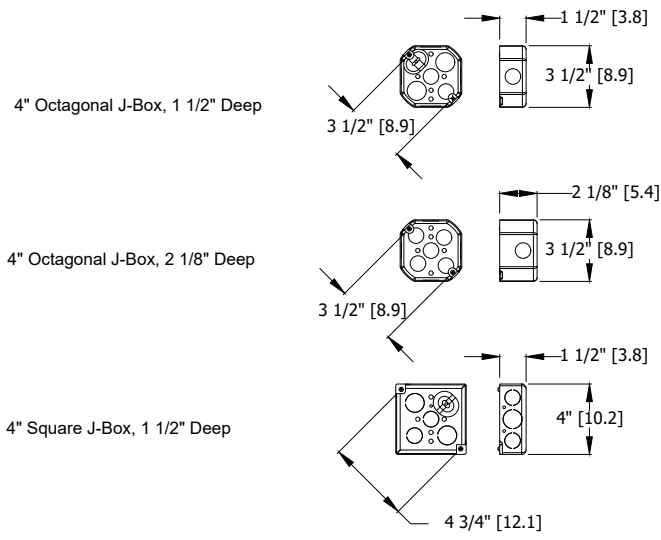


**Cylinder Adaptor Plate**

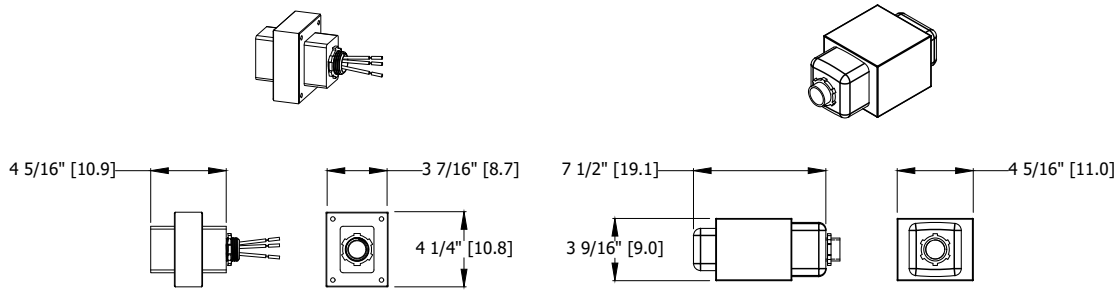


DIMENSIONAL DATA

**Junction Box Dimensions (by others)**



**347V Stepdown Transformer**



347 Transformer:  
 Up to 6000LM  
 Install to accessible  
 junction box by others

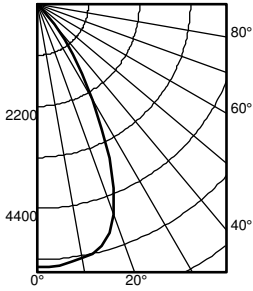
347 Transformer:  
 8000LM and up  
 Install to accessible  
 junction box by others



Photometry

**EV06 TUWH RHYR /45 6AR LS CRI80 2700K**

INPUT WATTS: 47.5, DELIVERED LUMENS: 4700, LM/W=98.9, 0.84 S/MH, TEST NO. 19-031-03P97

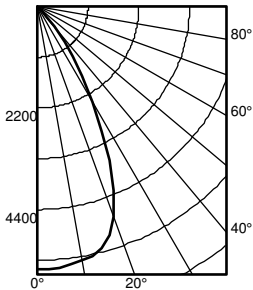


Ave Lumens	Zone Lumens % Lamp	pf pc pw	80%			20% 70%			50%			
			50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	5659	0° - 30° 3682.5 78.3	0	119	119	119	116	116	116	111	111	111
5	5666	0° - 40° 4529.3 96.4	1	111	109	107	109	107	105	105	103	102
15	5397	0° - 60° 4696.0 99.9	2	104	100	97	102	99	96	99	96	94
25	3664	0° - 90° 4700.5 100.0	3	97	93	89	96	92	88	93	90	87
35	1330	90° - 180° 0.0 0.0	4	91	86	82	90	86	82	88	84	81
45	158	0° - 180° 4700.5 *100.0	5	86	81	77	85	80	76	83	79	76
55	8	*Efficiency	6	81	76	71	80	75	71	79	74	71
65	3		7	77	71	67	76	71	67	75	70	66
75	1		8	72	67	63	72	67	63	71	66	63
85	0		9	69	63	59	68	63	59	67	62	59
90	0		10	65	60	56	65	59	56	64	59	56

Mounting Height	Center Beam	Initial FC		Diameter	FC
		Diameter	FC		
8.0	187.1	5.0	93.5	8.2	18.7
10.0	100.6	6.9	50.3	11.1	10.1
12.0	62.7	8.7	31.3	14.1	6.3
14.0	42.8	10.5	21.4	17.1	4.3
16.0	31.1	12.4	15.5	20.0	3.1

**EV06 TUWH RHYR /45 6AR LS CRI80 3500K**

INPUT WATTS: 47.5, DELIVERED LUMENS: 4726, LM/W=99.5, 0.84 S/MH, TEST NO. 19-031-03P99

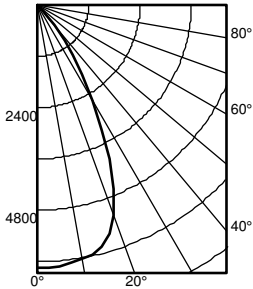


Ave Lumens	Zone Lumens % Lamp	pf pc pw	80%			20% 70%			50%			
			50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	5691	0° - 30° 3703.1 78.3	0	119	119	119	116	116	116	111	111	111
5	5698	0° - 40° 4554.5 96.4	1	111	109	107	109	107	105	105	103	102
15	5428	0° - 60° 4722.2 99.9	2	104	100	97	102	99	96	99	96	94
25	3684	0° - 90° 4726.8 100.0	3	97	93	89	96	92	88	93	90	87
35	1337	90° - 180° 0.0 0.0	4	91	86	82	90	86	82	88	84	81
45	159	0° - 180° 4726.8 *100.0	5	86	81	77	85	80	76	83	79	76
55	8	*Efficiency	6	81	76	71	80	75	71	79	74	71
65	3		7	77	71	67	76	71	67	75	70	66
75	1		8	72	67	63	72	67	63	71	66	63
85	0		9	69	63	59	68	63	59	67	62	59
90	0		10	65	60	56	65	59	56	64	59	56

Mounting Height	Center Beam	Initial FC		Diameter	FC
		Diameter	FC		
8.0	188.1	5.0	94.0	8.2	18.8
10.0	101.2	6.9	50.6	11.1	10.1
12.0	63.1	8.7	31.5	14.1	6.3
14.0	43.0	10.5	21.5	17.1	4.3
16.0	31.2	12.4	15.6	20.0	3.1

**EV06 TUWH RHYR /45 6AR LS CRI80 6500K**

INPUT WATTS: 47.5, DELIVERED LUMENS: 5100, LM/W=107.4, 0.84 S/MH, TEST NO. 19-031-03P102



Ave Lumens	Zone Lumens % Lamp	pf pc pw	80%			20% 70%			50%			
			50%	30%	10%	50%	30%	10%	50%	30%	10%	
0	6141	0° - 30° 3996.2 78.3	0	119	119	119	116	116	116	111	111	111
5	6149	0° - 40° 4915.0 96.4	1	111	109	107	109	107	105	105	103	102
15	5857	0° - 60° 5096.0 99.9	2	104	100	97	102	99	96	99	96	94
25	3976	0° - 90° 5100.9 100.0	3	97	93	89	96	92	88	93	90	87
35	1443	90° - 180° 0.0 0.0	4	91	86	82	90	86	82	88	84	81
45	172	0° - 180° 5100.9 *100.0	5	86	81	77	85	80	76	83	79	76
55	8	*Efficiency	6	81	76	71	80	75	71	79	74	71
65	3		7	77	71	67	76	71	67	75	70	66
75	1		8	72	67	63	72	67	63	71	66	63
85	0		9	69	63	59	68	63	59	67	62	59
90	0		10	65	60	56	65	59	56	64	59	56

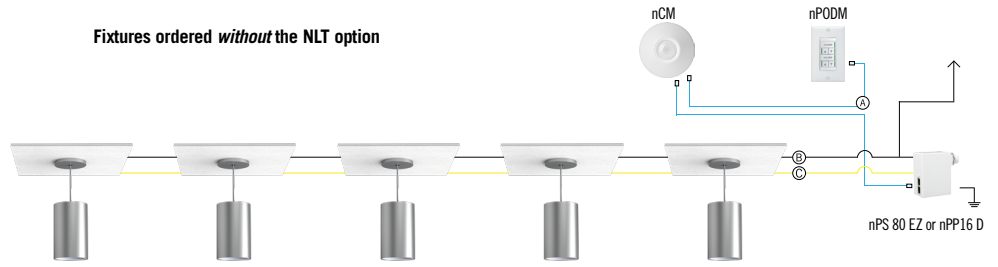
Mounting Height	Center Beam	Initial FC		Diameter	FC
		Diameter	FC		
8.0	203.0	5.0	101.5	8.2	20.3
10.0	109.2	6.9	54.6	11.1	10.9
12.0	68.0	8.7	34.0	14.1	6.8
14.0	46.4	10.5	23.2	17.1	4.6
16.0	33.7	12.4	16.8	20.0	3.4

Reflector Finish Multiplier	
Reflector Finish	Multiplier
LS - Specular	1
LSS - Semi Specular	0.956
WR - White	0.87
LD - Matte Diffuse	0.85
BR - Black	0.73
BZR - Bronze	0.73

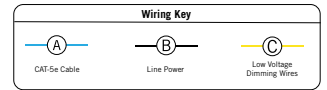
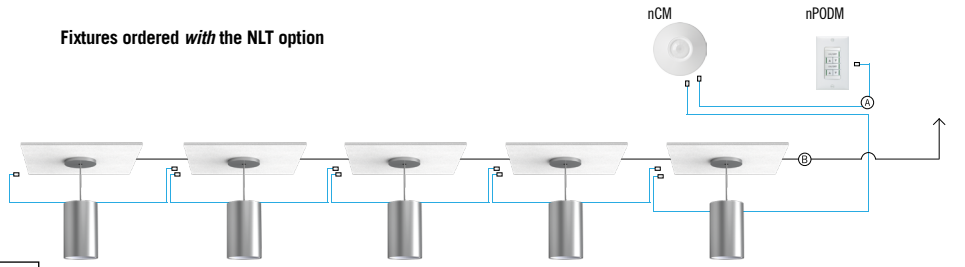
**nLight®** The nLight® solution is a digital networked lighting control system that provides both energy savings and increased user configurability by cost effectively integrating time-based, daylight-based, sensor-based and manual lighting control schemes.

**Possibilities for nLight® wired**

**Fixtures ordered *without* the NLT option**



**Fixtures ordered *with* the NLT option**



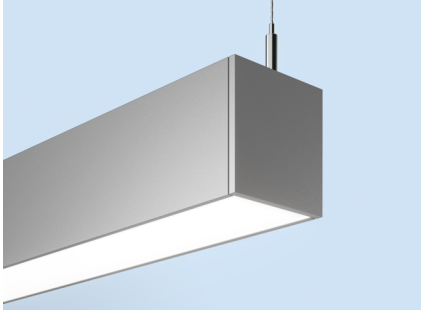
**nLight® Wired Control Accessories**

Order as separate catalog number. Visit [nLight](http://nLight.com).

Wall Switches	Model Number
On/Off single pole	nPODM (color)
On/Off two pole	nPODM 2P (color)
On/Off & raise/lower single pole	nPOD DX (color)
On/Off & raise/lower two pole	nPODM 2P DX (color)
Graphic touchscreen	nPOD GFX (color)
<b>Photocell Controls</b>	
Dimming	nCM ADCX

**nLight® Wired Control Accessories (cont.)**

Occupancy Sensors (PIR/dual tech)	Model Number
Small motion 360°, ceiling	nCM 9 / nCM PDT 9
Large motion 360°, ceiling	nCM 10 / nCM PDT 10
Wide View	nWV 16 / nWV PDT 16
Wall switch with raise/lower	nWSX LV DX / nWSX PDT LV DX
<b>Cat-5 Cables (plenum rated)</b>	
10', CAT5	CAT5 10FT J1
15', CAT5	CAT5 15FT J1



# SLOT 4

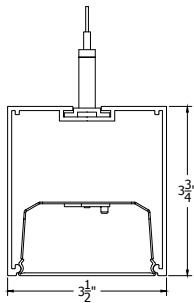
PENDANT DIRECT

## HIGHLIGHTS

- 300 to 1500 lumens per foot Direct
- Up to 126 Lumens per Watt
- 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
- Integrated control with optional nLight or nLight Air for system networking
- Driver options for Dim to Dark, 1% or 10% minimum dimming
- White, black or silver paint with satin finish
- Declare listed
- UGR data available on page 3

## DIMENSIONS

See page 5 for additional details.



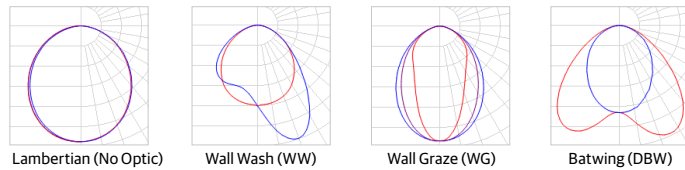
## FIXTURE PERFORMANCE

Nominal Lumens/Foot	Direct							
	300LMF	400LMF	600LMF	800LMF	1000LMF	1200LMF	1400LMF	1500LMF
Delivered Lumens/Foot	292	394	575	791	973	1192	1352	1442
Input Watts/Foot	2.39	3.14	4.68	6.33	7.96	10.00	11.93	13.01
Lumens/Watt	122	126	123	125	122	119	113	111

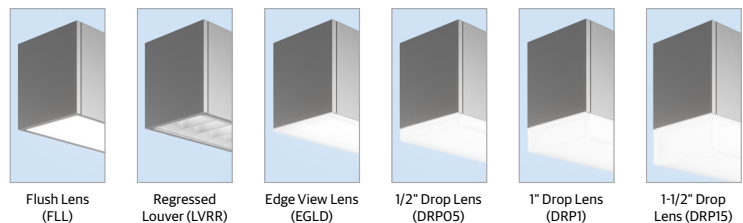
Based on 4FT, 80CRI, 35K with standard Lambertian distribution.



## DIRECT DISTRIBUTION



## DIFFUSERS/SHIELDING



**ORDERING**

Example: S4PD LLP 32FT MSL8 90CRI 35K 800LMF MINI FLL SCT MVOLT WHTT ZT F1/36A 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)
<b>S4PD</b> SLOT 4 Pendant Direct (Formerly S4LD)	<b>LLP</b> Linear Longest Possible <b>LCB</b> Linear Center Balanced <b>LSL</b> Longest Same Length For more information on linear plans, see page 4.	<b>_FT</b> Specify Continuous Run Length (in 1" increments, 2' minimum) <b>_FT</b> Specify continuous linear feet in 1 foot increments Unit length may affect available options. For runs longer than 8FT: <b>ALWAYS</b> order the run by the <b>TOTAL RUN LENGTH</b> . Ordering the sections individually will not provide the correct joining hardware to allow connection in the field.	<b>MSL2</b> 2FT Length <b>MSL3</b> 3FT Length <b>MSL4</b> 4FT Length <b>MSL5</b> 5FT Length <b>MSL6</b> 6FT Length <b>MSL7</b> 7FT Length <b>MSL8</b> 8FT Length	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>27K</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>50K</b> 5000K	<b>300LMF</b> 300 Lumens per Foot <b>400LMF</b> 400 Lumens per Foot <b>600LMF</b> 600 Lumens per Foot <b>800LMF</b> 800 Lumens per Foot <b>1000LMF</b> 1000 Lumens per Foot <b>1200LMF</b> 1200 Lumens per Foot <b>1400LMF</b> 1400 Lumens per Foot <b>1500LMF</b> 1500 Lumens per Foot <b>_LMF</b> Specify Lumens between 300LMF - 1500LMF in 50LMF increments	<b>(blank)</b> Lambertian <b>WW</b> Wallwash Distribution <b>WG</b> Wall Graze Distribution <b>DBW</b> Direct Batwing Distribution Direct Distribution options are only available with FLL lens.

Switching	Minimum Dimming Level	Direct Shielding	Voltage	Finish	Emergency Options
<b>SCT</b> Single Circuit	<b>NODIM<sup>1</sup></b> Non Dimming <b>MINI</b> Constant Current, Dimming To 1% <b>MINIO<sup>2</sup></b> Constant Current, Dimming To 10% <b>DARK</b> Constant Current, Dimming To 0.1% 1. Not available with Control Input options. 2. MINIO is not available with DALI, ECOD or ECOD2.	<b>FLL</b> Flush Lens (Default) <b>LVR<sup>1</sup></b> Regressed Louver <b>LVRRA<sup>1</sup></b> Regressed Louver, Natural Aluminum <b>EGLD<sup>2</sup></b> Edge Glow, Direct <b>DRPOS<sup>3</sup></b> Drop Lens, 1/2" <b>DRPI<sup>3</sup></b> Drop Lens, 1" <b>DRPI5<sup>3</sup></b> Drop Lens, 1-1/2" <b>CLL<sup>4</sup></b> Continuous Flush Lens 1. LVR <sup>1</sup> & LVRRA are not available with NLTAIR2. Only available in whole foot increments 2. EGLD is not available with EIWOLCP, NLTAIR2 or 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.	<b>MVOLT</b> Multi-Volt, 120-277 <b>120</b> 120V <b>277</b> 277V <b>347<sup>1</sup></b> 347V 1. 347 is only available with ZT. 347 is not available with emergency options or sensors.	<b>WHTT</b> White (Satin) <b>BLKT</b> Black (Satin) <b>SLVT</b> Silver (Satin) <b>RALTB<sup>1</sup></b> RAL Paint Finish 1. RALTB <sup>1</sup> is for pricing only. Replace with applicable RAL number & finish when placing order.	<b>(blank)</b> No Emergency Options <b>EIWOLCP<sup>1</sup></b> # of 10W Battery Packs, Constant Power, Self Diagnostics, T20 Compliant <b>WEC<sup>2</sup></b> Emergency Circuit for Entire Run <b>_EC</b> # of Emergency Circuits <b>GTD<sup>3</sup></b> Generator Transfer Device (Remote mounted) 1. EIWOLCP is not available in units under 4'. EIWOLCP with NLTAIR2 is only available in units 7'-8'. 2. WEC is not available with sensors. 3. GTD is remote mounted. (See more information on page 9.) GTD is not available with MVOLT or 347.

Control Input	Primary Sensor	Secondary Zone	Tertiary Zone	Mounting Type
<b>(blank)</b> Non-Dimming <b>ZT</b> 0-10V <b>NLIGHT</b> nLight Wired <b>NLTAIR2<sup>1</sup></b> nLight Air 2 Wireless Enabled <b>DALI<sup>2</sup></b> DALI <b>ECOD<sup>3</sup></b> Lutron EcoSystem Digital Driver 1. NLTAIR2 can be used as a normal power sensing device for nLight Air devices and luminaires with EM emergency options. It is not available with NODIM. NLTAIR2 with DCT fixtures cannot be less than 4'. 2. DALI is only available with DARK. DALI is not available with sensors. 3. ECOD is only available with MINI. It is not available with EIWOLCP & sensors. It is only available with 300LMF, 600LMF, 1000LMF or 1500LMF.	<b>(blank)</b> No sensors or Zones <b>NS_</b> Primary Zone with No Sensor (Specify length in feet) <b>ADC<sup>1</sup></b> Daylight Dimming Sensor <b>PDT<sup>1</sup></b> Dual Technology Occupancy Sensor, PIR and Microphonics Sensor <b>APIR<sup>2</sup></b> Passive Infrared Occupancy and Daylight Dimming Sensor <b>APDT<sup>2</sup></b> Dual Technology Occupancy and Daylight Dimming Sensor Sensors are only available with FLL and fixtures 4' and above. Please see page 8 for more details. 1. ADC & PDT are available with ZT or NLIGHT. 2. APIR & APDT are available with ZT, NLIGHT or NLTAIR2.	<b>(blank)</b> No Sensors or Secondary Zone <b>SNS_</b> Secondary Zone with No Sensor (Specify length in feet) <b>SADC<sup>1</sup></b> Daylight Dimming Sensor, Secondary Zone <b>SPDT<sup>1</sup></b> Dual Technology Occupancy Sensor, PIR and Microphonics Sensor, Secondary Zone <b>SAPIR<sup>2</sup></b> Passive Infrared Occupancy and Daylight Dimming Sensor, Secondary Zone <b>SAPDT<sup>2</sup></b> Dual Technology Occupancy and Daylight Dimming Sensor, Secondary Zone Sensors are only available with FLL and fixtures 4' and above. Please see page 8 for more details. 1. ADC & PDT are available with ZT or NLIGHT/ 2. APIR & APDT are available with ZT, NLIGHT or NLTAIR2.	<b>(blank)</b> No Tertiary Zone <b>TNS_</b> Tertiary Zone (Specify length in feet)	<b>F1/</b> T-Bar Ceiling with Universal Mounting Bracket <b>F1A/</b> T-Bar Ceiling with Universal Mounting Bracket & Integrated J-Box <b>F2/</b> Hard Ceiling

Overall Suspension	Canopy Form	Canopy Color	Cord Color	Options
<b>36A</b> 36" Adjustable <b>72A</b> 72" Adjustable <b>144A</b> 144" Adjustable <b>240A</b> 240" Adjustable <b>300A</b> 300" Adjustable	<b>RDCY</b> Round Canopy <b>SQCY</b> Square Canopy	<b>BLKCY</b> Black Canopy <b>WHTCY</b> White Canopy <b>SLVCY</b> Silver Canopy	<b>WCRD</b> White Cord <b>BCRD<sup>1</sup></b> Black Cord CAT5 cord, when included, will be white. 1. Black cord is not available with 300A.	<b>(blank)</b> No Options <b>MCS</b> Matching Support Canopy <b>PIF<sup>1</sup></b> Feed Cord Installed <b>BAA</b> Buy America(n) Act and/or Build America Buy America Qualified 1. Cord length will match overall suspension length specified.

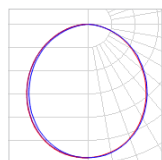
**Note:** Unit length and lumen outputs may affect available options.

design select

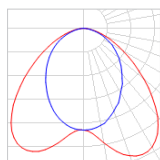
Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).  
\*See ordering tree for details

Maximum order quantity for Design Select lead times is 350 linear feet.

**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	17.9	13.6	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.

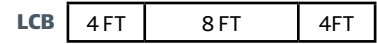
**LLP- Linear Longest Possible**

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.



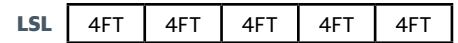
**LCB- Linear Center Balanced:**

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.



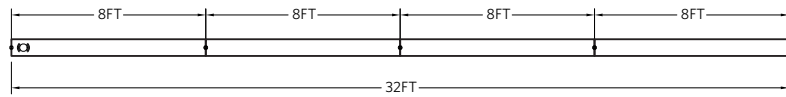
**LSL- Linear Same Length:**

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).

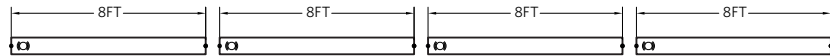


**Total Run Length**

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.

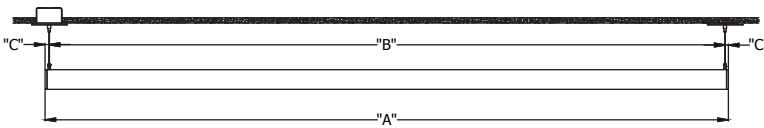
Examples:

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

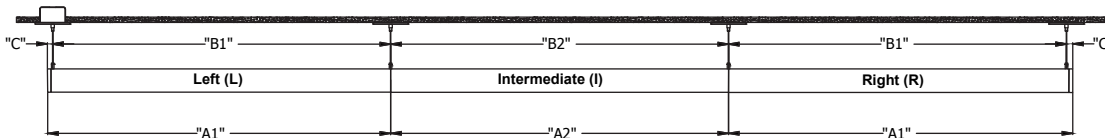
S4PD LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT

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

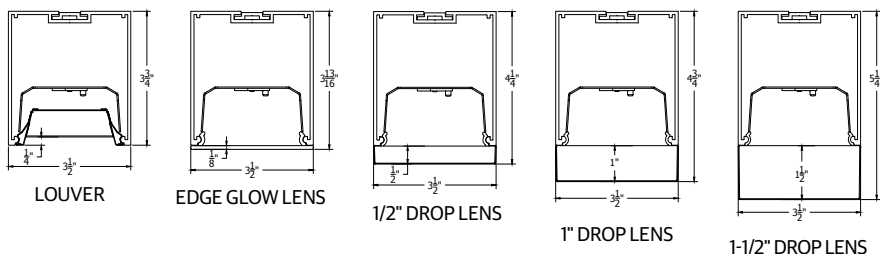


RUN LAYOUT						
ORDERED LENGTH	"A1" O.A.L.	"A2" O.A.L.	"B1" O.C.	"B2" O.C.	"C" FROM END	APPROX. WEIGHT
4FT	4'- 0 1/4"	4'- 0"	3'- 11 15/16"	4'- 0"	3/8"	4
5FT	5'- 0 1/4"	5'- 0"	4'- 11 15/16"	5'- 0"	3/8"	5
6FT	6'- 0 1/4"	6'- 0"	5'- 11 15/16"	6'- 0"	3/8"	6
7FT	7'- 0 1/4"	7'- 0"	6'- 11 15/16"	7'- 0"	3/8"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

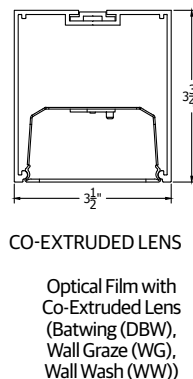


**SHIELDING, OPTICS & CONNECTORS**

**Direct Shielding**

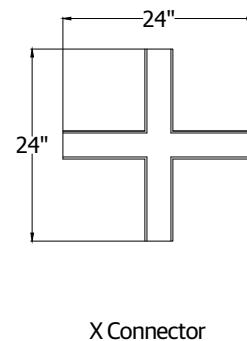
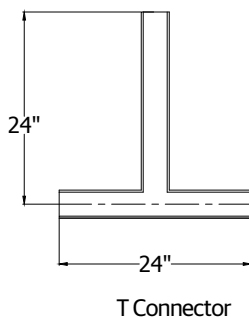
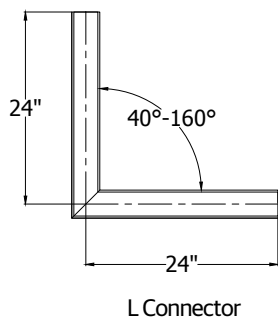


**Direct Optics**



**Run Patterns, Corners and Junction**

Patterns can be configured in 1' increments with illuminated L, T & X connectors with standard 2' corner. L connectors are available in 40-160 degrees in 1 degree increments. T & X connectors available in 90 degrees. For custom angles, corner or junction lengths, consult factory. See separate pattern spec sheet for more details.



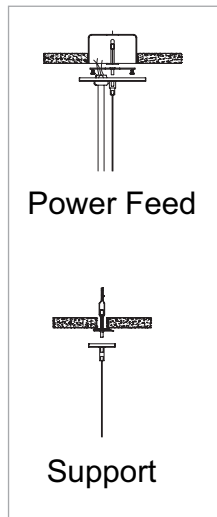
**MOST COMMON MOUNTING TYPES AND OPTIONS** Options available for this specific luminaire are checked in the boxes below.

**Mounting Type**

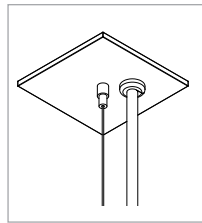
- F1/** For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications. (J-box by others)
- F1A/** For use with most T-Bar grid ceilings. Designed for on-grid applications. Comes complete with J-box with built-in cutout to go over grid
- F2/** For use with recessed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

**Mounting Options**

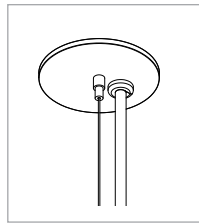
- MCS** MCS canopy supplies 5" canopy to match feed point canopy size. Matching canopy at support for aesthetics.
- PIF** Feed cord installed in fixture.



**Mounting with Feed (SPSWIFK)**

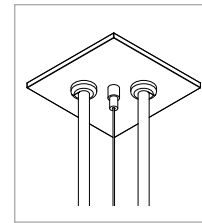


5" Square

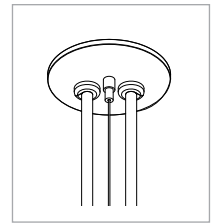


5" Round

**Mounting with Dual Feed (SPSW2FK)**

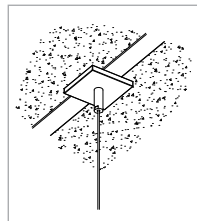


5" Square

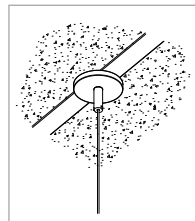


5" Round

**Mounting Support (SPSWSK)**

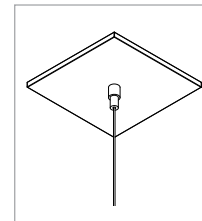


2" Square

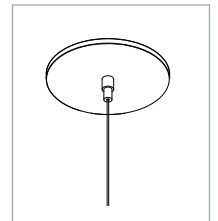


2" Round

**MCS Option**



5" Square



5" Round

**INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE**

Choose nomenclature from these columns					
Driver Configurations	Minimum Dimming Level	Control Input	Dimming Range	Notes	
	NO DIM	+	(blank)	-	No 0-10V leads from the driver.
	MINIO	+	ZT	100 to 10%	
	MIN1	+	ZT	100 to 1%	
	MIN1	+	NLIGHT	100 to 1%	
	MIN1		ECOD	100 to 1%	Lutron Hi-lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (model LDE1)
	DARK		ZT	100 to 0.1%	
	DARK		NLIGHT	100 to 0.1%	
	DARK		DALI	100 to 0.1%	"Compatible with DALI. Formerly (EDB & EDAB) nomenclature." Logarithmic dimming

Choose nomenclature from these columns						
Control / Sensor Configurations	Control Input	Sensor	Sensor	Notes		
	ZT	+	ADC	=	MSD ADC	Automatic dimming control integral photocell.
	ZT	+	PDT	=	MSD PDT 7	Dual technology integral occupancy sensor.
	ZT	+	APIR	=	MSD 7 ADC	PIR integral occupancy sensor with automatic dimming control photocell.
	ZT	+	APDT	=	MSD PDT 7 ADC	Dual technology integral occupancy sensor with automatic dimming control photocell.
	NLIGHT	+	(blank)	=	nIO EZ PH	nLight enabled only. No onboard sensor.
	NLIGHT	+	ADC	=	nIO EZ PH + nES ADCX	Automatic dimming control integral photocell. nLight enabled.
	NLIGHT	+	PDT	=	nIO EZ PH + nES PDT 7	360° Dual technology integral occupancy sensor. nLight enabled.
	NLIGHT	+	APIR	=	nIO EZ PH + nES 7 ADCX	360° PIR integral occupancy sensor with automatic dimming control photocell. nLight enabled.
	NLIGHT	+	APDT	=	nIO EZ PH + nES PDT 7 ADCX	360° Dual technology integral occupancy sensor with automatic dimming control photocell. nLight enabled.
	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.

For more information, please consult our technical guides for [nLight](#) or [nLight Air](#).

UL924 Sequence of Operation
The below information applies to all nLight AIR devices with an EM option.
<ul style="list-style-type: none"> <li>EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.</li> <li>Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.</li> <li>Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.</li> </ul>

nLight® Wired Control Accessories <i>Order as separate catalog number</i>	
Wall Switches	Model Number
On/Off single pole	nPODMA (color)
On/Off two pole	nPODMA 2P (color)
On/Off single pole, dimming	nPODMA DX (color)
On/Off two pole, dimming	nPODMA 2P DX (color)
On/Off, two level	nPODMA 2L (color)
Graphic touchscreen	nPOD TOUCH (color)

For more information see [nPOD](#) and [nPOD TOUCH](#) spec sheets

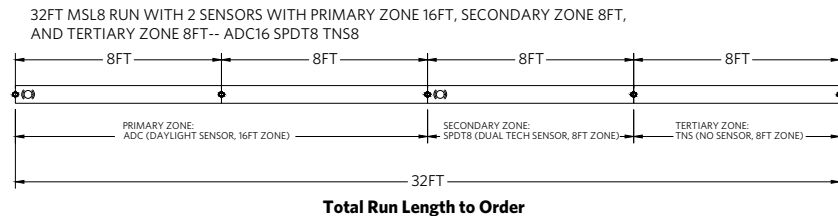
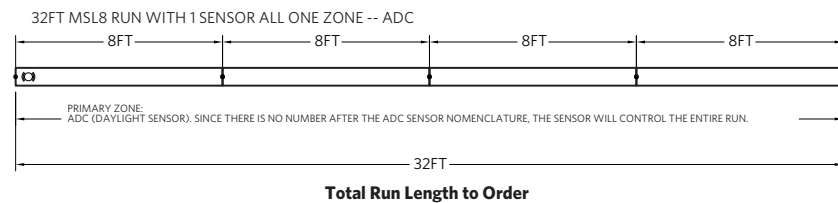
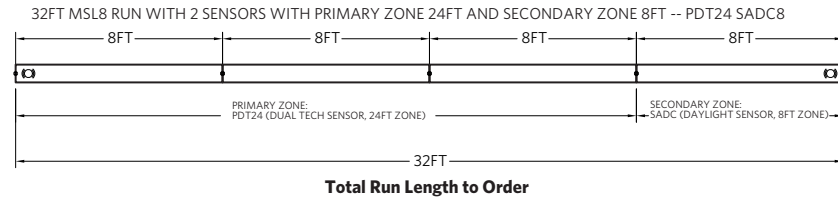
nLight AIR® Control Accessories <i>Order as separate catalog number</i>	
Wall Switches	Model Number
On/Off single pole	rPODBA (color)
On/Off two pole	rPODBA 2P (color)
On/Off single pole, dimming	rPODBA DX (color)
On/Off two pole, dimming	rPODBA 2P DX (color)
On/Off, 4 scene control	rPODBA 4S (color)

For more information see [rPOD](#) spec sheets

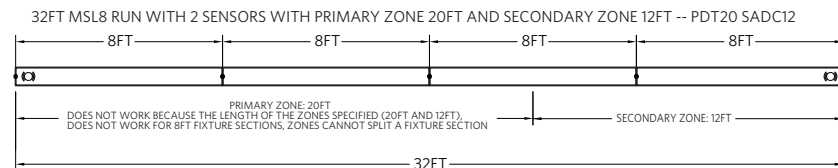
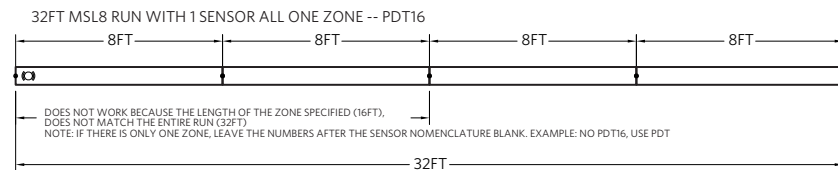
**INTEGRATED SENSOR LAYOUT**

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

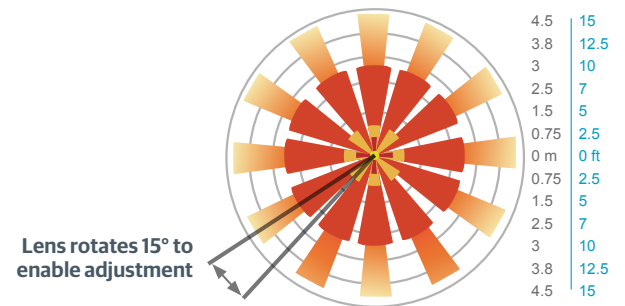
**OCCUPANCY DETECTION COVERAGE**

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).

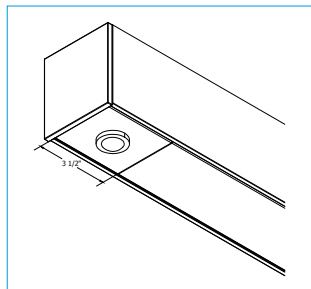
Initial detection will occur earlier when walking across sensor's field of view than when walking directly at sensor.

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**

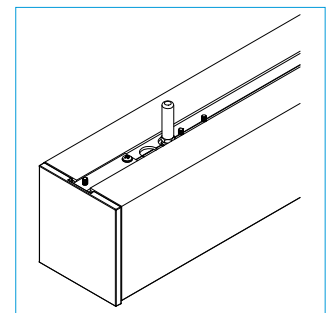
Optional nLight® integrated controls make Slot LED luminaires addressable- allowing them to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling (included).



Occupancy Sensor and/or Photocell

**nLight Air Wireless Antenna Location**

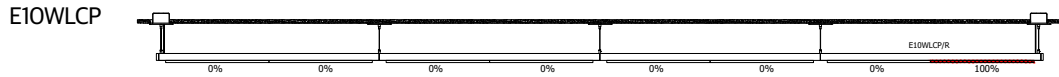
Note: Antenna will be shipped separately and will need to be attached to the coax connector.



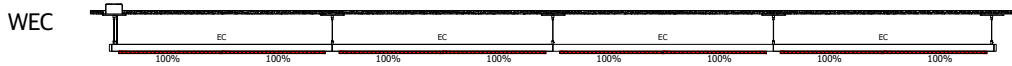
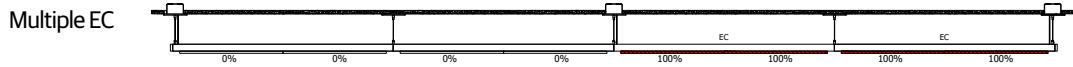
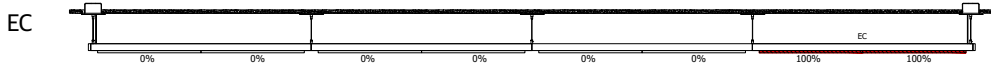
**EMERGENCY OPTIONS**

**Emergency Battery Packs**

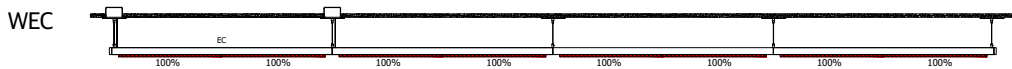
The PS1055LCP battery is integral to the fixture and comes standard with a remote test switch and self-diagnostics. Only direct light portion operated by emergency, as indicated below.



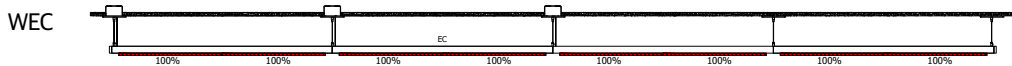
**Emergency Circuits**



**Note:** Whole run on emergency circuit



**Note:** Whole run on emergency circuit nltAIR2/nLight PP in first fixture



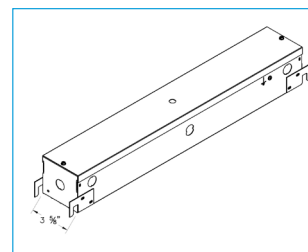
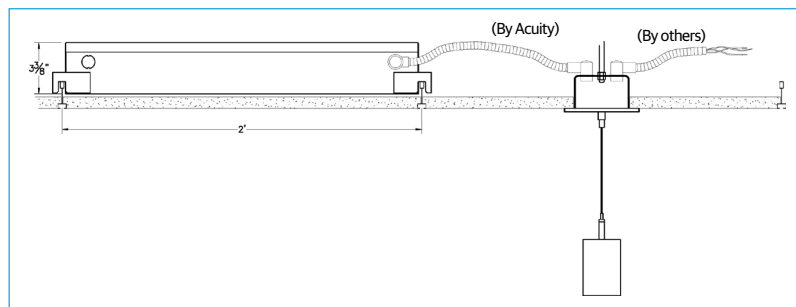
**Note:** Whole run on emergency circuit nltAIR2/nLight PP in second fixture

**How to Estimate Delivered Lumens in Emergency Mode**  
Use the formula below to estimate the delivered lumens in emergency mode  
**Delivered Lumens = 1.25 x P x LPW**  
P = 10W for PS1055LCP  
LPW = Lumen per watt rating of the luminaire This information is available on page 1 of this spec sheet or appropriate IES file.

Section Length	E10WLCP	EC
U2	None	Entire unit
U3	None	Entire unit
U4	Entire unit	Entire unit
U5	Last 3'	Entire unit
U6	Last 3'	Entire unit
U7	Last 4'	Entire unit
U8	Last 4'	Entire unit

**Remote GTD Mounting Option**

Recessed in ceiling. Consult factory for other ceiling types or canopy options. 6 foot flexible conduit included, GTD option should be mounted within 6 feet of junction box above fixture.



**Accessible Ceiling**

## 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.

### Controls System Networking Options

Optional integrated nLight® controls make each fixture addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors, and photocontrols. Connection to nLight is simple. It can be accomplished with remote nLight AIR wireless or through standard Cat-5 cabling. (cabling "by others") nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other, while nLight AIR is commissioned easily through an intuitive mobile app.

### Emergency Battery (Optional)

Integral emergency battery (E10WLCP) for 90 minutes of operation. Emergency battery pack, 10W, Linear Constant Power Certified in CA Title 20 MAEDBS.

Remote generator transfer device (GTD) works in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

### Dimming Drivers

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 and DALI protocol drivers. All drivers are RoHS compliant.

### 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).

### Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.  
BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

### Fixture Weight

1 lbs per foot, less packaging.

### Warranty

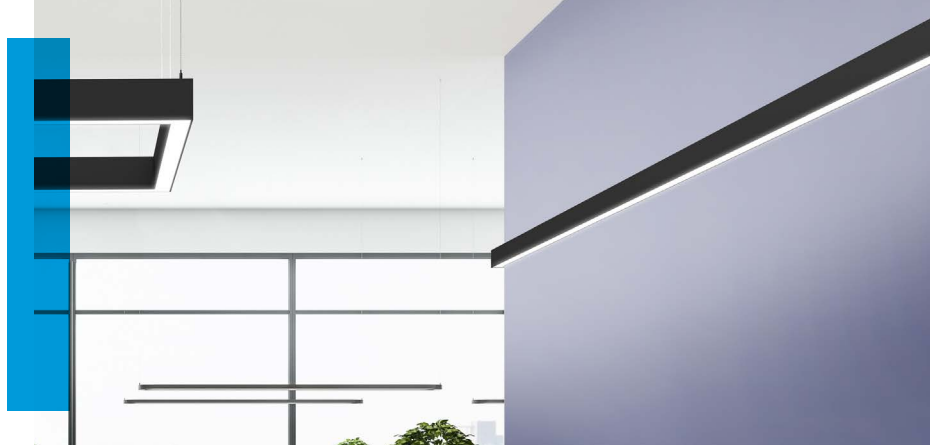
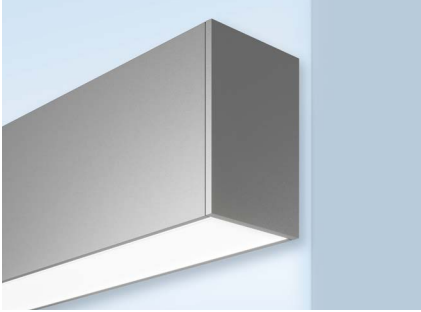
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**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.





# SLOT 4

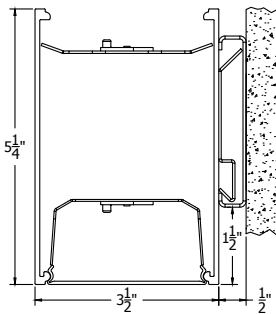
WALL INDIRECT/DIRECT  
TUNABLE WHITE

## HIGHLIGHTS

- 600 to 3000 total lumens per foot
- 300 to 1500 lumens per foot Direct or Indirect
- 2 direct distributions: Lambertian, Wall Graze
- 2 indirect distributons: Lambertian or Asymmetric
- Multiple lens treatment options include Continuous, Drop, in 1/2", 1" or 1 1/2", Top Glow and Edge View
- Shielding provided by optional deep cell baffle
- Integrated control with nLight for system networking
- White, black or silver paint with satin finish
- Declare listed
- UGR data coming soon

## DIMENSIONS

See page 5 for additional details.



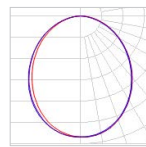
## FIXTURE PERFORMANCE

	Direct			Indirect		
Nominal Lumens/Foot						
Delivered Lumens/Foot						
Input Watts/Foot						
Lumens/Watt						

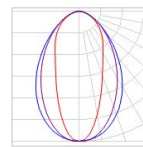
Based on a 4ft 35K fixture with standard lambertian distribution



## DIRECT DISTRIBUTION

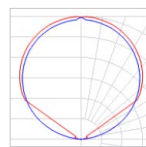


Lambertian (No Optic)

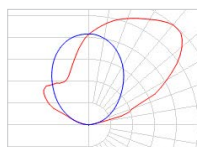


Wall Graze (WG)

## INDIRECT DISTRIBUTION

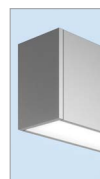


Lambertian (No Optic)

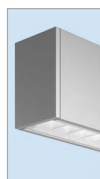


Asymmetric (AS)

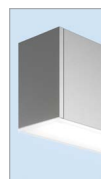
## DIFFUSERS/SHIELDING



Flush Lens (FLL)



Regressed Louver (LVRR)



Edge View Lens (EGLD)



1/2" Drop Lens (DRP05)



1" Drop Lens (DRP1)



1-1/2" Drop Lens (DRP15)



Top Glow (TGLD)

**ORDERING**

Example: S4WID LLP 32FT MSL8 90CRI TUWH RHYR 800LMF I90CRI I1200LMF DARK FLL SCT MVOLT WHTT NLT

Series	Linear Plan	Total Run Length	Max Section Length	Direct Light Source Color Rendering	Direct Dynamic Feature	Direct Dynamic Range	Direct Light Output
<b>S4WID</b> Slot 4 Wall Indirect/Direct (Formerly S4LWID)	<b>LLP</b> Linear Longest Possible <b>LCB</b> Linear Center Balanced <b>LSL</b> Longest Same Length	<b>_FT</b> Specify Continuous Run Length (in 1" increments, 2' minimum)  Unit length may affect available options. <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>MSL4</b> 4FT Length <b>MSL6</b> 6FT Length <b>MSL7</b> 7FT Length <b>MSL8</b> 8FT Length	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>TUWH</b> Tunable White	<b>RHYR</b> Rhythm Range (2700K-6500K)	<b>300LMF</b> 300 Lumens per Foot <b>400LMF</b> 400 Lumens per Foot <b>600LMF</b> 600 Lumens per Foot <b>800LMF</b> 800 Lumens per Foot <b>1000LMF</b> 1000 Lumens per Foot <b>1200LMF</b> 1200 Lumens per Foot <b>1400LMF</b> 1400 Lumens per Foot <b>1500LMF</b> 1500 Lumens per Foot <b>_LMF</b> Specify Lumens between 300LMF - 1500LMF in 50LMF increments

Direct Distribution	Indirect Light Source Color Rendering	Indirect Light Output	Indirect Distribution	Switching	Minimum Dimming Level	Direct Shielding	Indirect Shielding Options
<b>(blank)</b> Lambertian <b>WG</b> Wall Graze Distribution  Direct Distribution options are only available with FLL lens.	<b>I80CRI</b> 80CRI <b>I90CRI</b> 90CRI	<b>I300LMF</b> 300 Lumens per FT <b>I400LMF</b> 400 Lumens per FT <b>I600LMF</b> 600 Lumens per FT <b>I800LMF</b> 800 Lumens per FT <b>I1000LMF</b> 1000 Lumens per FT <b>I1200LMF</b> 1200 Lumens per FT <b>I1400LMF</b> 1400 Lumens per FT <b>I1500LMF</b> 1500 Lumens per FT <b>_LMF</b> Specify Lumens between 300LMF - 1500LMF in 50LMF increments	<b>(blank)</b> Lambertian <b>AS'</b> Asymmetrical Distribution  1. Indirect Distribution options are only available in whole foot increments. They are not available with E10WLCP or GTD.	<b>SCT</b> Single Circuit <b>DCT'</b> Dual Circuit  1. DCT is not available on fixtures under 4'. DCT with E10WLCP is not available in units under 5'.	<b>DARK</b> Constant Current, Dimming To 0.1%	<b>FLL</b> Flush Lens (Default) <b>LVRRA'</b> Regressed Louver <b>LVRRA'</b> Regressed Louver, Natural Aluminum <b>EGLD<sup>2</sup></b> Edge Glow, Direct <b>DRPOS<sup>3</sup></b> Drop Lens, 1/2" <b>DRP1<sup>3</sup></b> Drop Lens, 1" <b>DRP15<sup>3</sup></b> Drop Lens, 1-1/2" <b>CLL<sup>4</sup></b> Continuous Flush Lens  1. LVRRA & LVRRA are only available in whole foot increments 2. EGLD is not available. Only available in whole foot increments. 3. Drop lenses are only available in whole foot increments. 4. CLL is not available with WW, WG, DBW.	<b>(blank)</b> No Indirect Shielding <b>TGLD<sup>1</sup></b> Top Glow Lens <b>DC</b> Dust Cover, Clear <b>DCF</b> Dust Cover, Frosted  1. TGLD is only available in whole foot increments. It's not available with E10WLCP or NLT AIR2.

Voltage	Finish	Emergency Options	Control Input	Option
<b>MVOLT</b> Multi-Volt, 120-277 <b>120</b> 120V <b>277</b> 277V	<b>WHTT</b> White (Satin) <b>BLKT</b> Black (Satin) <b>SLVT</b> Silver (Satin) <b>RALTB<sup>1</sup></b> <a href="#">RAL Paint Finish</a>  RALTB <sup>1</sup> is for pricing only. Replace with applicable RAL number & finish when placing order. <a href="#">Click here</a> for more information on our paint finishes.	<b>(blank)</b> No Emergency Options <b>WEC</b> Emergency Circuit for Entire Run <b>_EC</b> # of Emergency Circuits <b>GTD<sup>1</sup></b> Generator Transfer Device (Remote mounted)  1. GTD is remote mounted. (See more information on page 9.) GTD is not available with MVOLT.	<b>NLT</b> nLight nTune Device  For additional ordering assistance consult "Intelligent Luminaire Technology Guide" on page 7.	<b>(blank)</b> No Options <b>BAA</b> Buy America(n) Act and/or Build America Buy America Qualified

**NOTE:** Unit length and lumen outputs may affect available options.

**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.

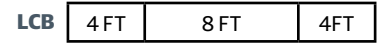
**LLP- Linear Longest Possible**

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.



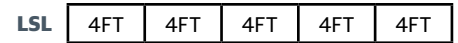
**LCB- Linear Center Balanced:**

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.



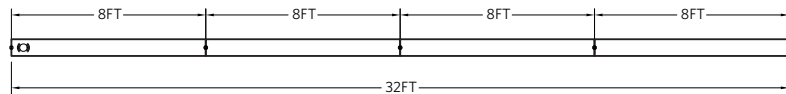
**LSL- Linear Same Length:**

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).

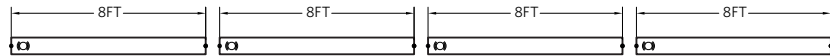


**Total Run Length**

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 "S4WID LLP 32FT MSL8..."



Example: If you order as 4pcs "S4WID 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.

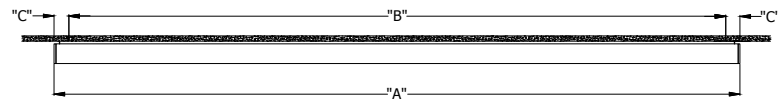
Examples:

S4WID LLP 21FT MSL5... = 5FT / 4FT / 4FT / 4FT / 4FT

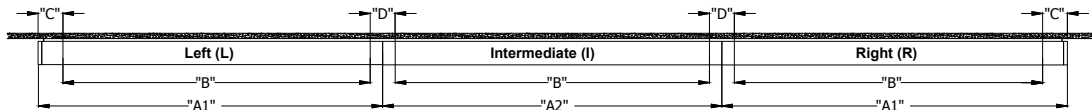
S4WID LLP 21FT MSL6... = 6FT / 6FT / 5FT / 4FT

S4WID LLP 21FT MSL7... = 7FT / 7FT / 7FT

S4WID LLP 21FT MSL8... = 8FT / 8FT / 5FT



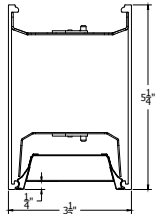
INDIVIDUAL FIXTURES				
ORDERED LENGTH	"A" O.A.L.	"B" O.C.	"C" FROM END	APPROX. WEIGHT
4FT	4'- 0 9/16"	3'- 0"	6 1/4"	5.52
6FT	6'- 0 9/16"	5'- 0"	6 1/4"	8.28
7FT	7'- 0 9/16"	6'- 0"	6 1/4"	9.66
8FT	8'- 0 9/16"	7'- 0"	6 1/4"	11.04



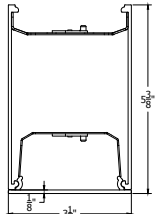
RUN LAYOUT						
ORDERED LENGTH	"A1" O.A.L.	"A2" O.A.L.	"B"	"C" FROM END	"D"	APPROX. WEIGHT
4FT	4'- 0 1/4"	4'- 0"	3'- 0"	6 1/4"	1'- 0"	5.52
6FT	6'- 0 1/4"	6'- 0"	5'- 0"	6 1/4"	1'- 0"	8.28
7FT	7'- 0 1/4"	7'- 0"	6'- 0"	6 1/4"	1'- 0"	9.66
8FT	8'- 0 1/4"	8'- 0"	7'- 0"	6 1/4"	1'- 0"	11.04

**SHIELDING, OPTICS & CONNECTORS**

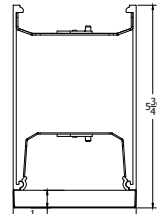
**Direct Shielding**



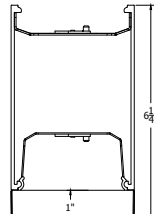
LOUVER



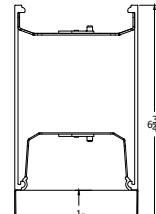
EDGE GLOW LENS



1/2" DROP LENS

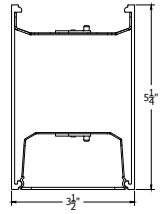


1" DROP LENS



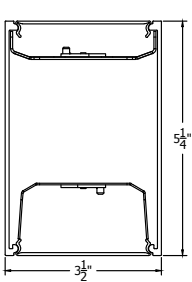
1-1/2" DROP LENS

**Direct Optics**

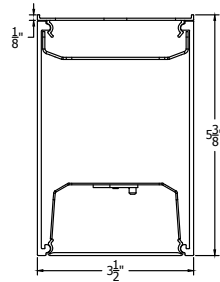


CO-EXTRUDED LENS  
Optical Film with  
Co-Extruded Lens  
Wall Graze (WG)

**Indirect Shielding**

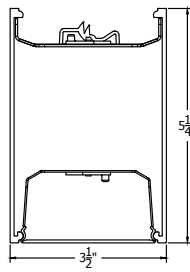


DUST COVER



TOP GLOW

**Indirect Optics**



INDIRECT ASYMMETRIC

**INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE**

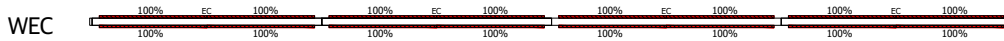
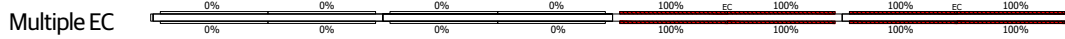
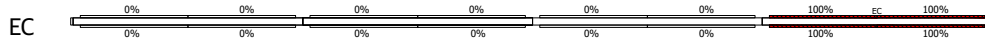
Choose nomenclature from these columns				
Driver Configurations	Minimum Dimming Level	Control Input	Dimming Range	Notes
	DARK	NLT	100 to 0.1%	

UL924 Sequence of Operation
<p>The below information applies to all nLight AIR devices with an EM option.</p> <ul style="list-style-type: none"> <li>EM devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.</li> <li>Using the CLAIRITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.</li> <li>Only non-emergency rPP20, rLSXR, rSBOR, rSDGR, and nLight AIR luminaires with version 3.4 or later firmware can provide normal power sensing for EM devices. See specification sheets for control devices and luminaires for more information on options that support normal power sensing.</li> </ul>

nLight Wired control Accessories	
Wall Switches	Model Number
On/Off two pole & Raise/Lower CCT	<a href="#">nPODMA 2P DX CCT (color)</a>
On/Off, 4 scene control, Dimming, TUWH	<a href="#">nPODMA 4S DX EDUTW (color)</a>
On/Off, 4 scene control, TUWH	<a href="#">nPODMA 4S EDUTW (color)</a>
Graphic Touchscreen	<a href="#">nPOD TOUCH (color)</a>

**EMERGENCY OPTIONS**

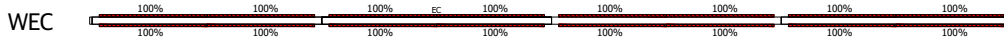
**Emergency Circuits**



**Note:** Whole run on emergency circuit



**Note:** Whole run on emergency circuit nltAIR2/nLight PP in first fixture



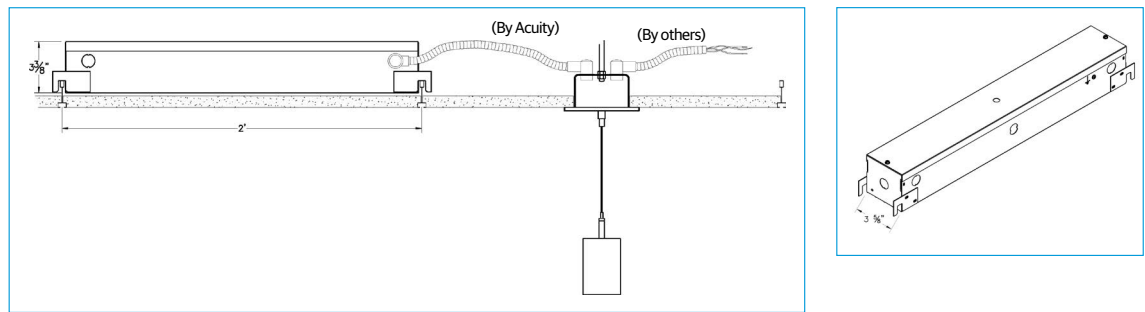
**Note:** Whole run on emergency circuit nltAIR2/nLight PP in second fixture

**How to Estimate Delivered Lumens in Emergency Mode**  
Use the formula below to estimate the delivered lumens in emergency mode  
**Delivered Lumens = 1.25 x P x LPW**  
P = 10W for PS1055LCP  
LPW = Lumen per watt rating of the luminaire This information is available on page 1 of this spec sheet or appropriate IES file.

Section Length	EC
U2	Entire unit
U3	Entire unit
U4	Entire unit
U5	Entire unit
U6	Entire unit
U7	Entire unit
U8	Entire unit

**Remote GTD Mounting Option**

Recessed in ceiling. Consult factory for other ceiling types or canopy options.  
6 foot flexible conduit included, GTD option should be mounted within 6 feet of junction box above fixture.





## 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 Graze (WG) distributions options incorporate co-extruded lenses and films. Asymmetric (AS) distributions incorporate injection molded, optical grade, UV-resistant acrylic optic.

### Lenses/Shielding

Indirect: Clear acrylic, dust cover (DC), frosted, acrylic dust cover (DCF), Extruded acrylic top glow lens (TGLD).

Direct: Extruded acrylic lens (FLL, CLL), edge glow lens (EGLD), aluminum regressed louver 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.

### Controls System Networking Options

Optional integrated nLight® controls make each fixture addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors, and photocontrols. connection to nLight is simple. It can be accomplished with remote nLight AIR wireless or through standard Cat-5 cabling. (cabling "by others") nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other, while nLight AIR is commissioned easily through an intuitive mobile app.

### Emergency Battery (Optional)

Remote generator transfer device (GTD) works in conjunction with an auxiliary generator or a central inverter system to power fixtures for safe egress lighting.

### Dimming Drivers

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 and DALI protocol drivers. All drivers are RoHS compliant.

### 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).

### Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

### Fixture Weight

1 lb 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](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application.

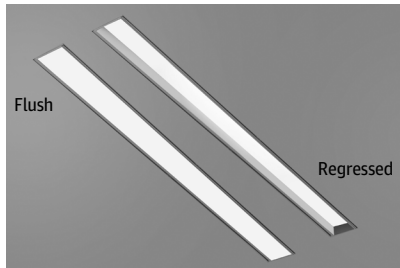
All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

# MARK ARCHITECTURAL LIGHTING™

## Slot 4 LED Recessed Linear

Type:



Slot 4 LED takes both form and function a step further with increased efficacy and integral controls creating a digitally addressable luminaire that is perfect where visually harmonious illumination and energy efficiency are desired.

Slot 4 LED is the ideal choice for spaces that emphasize lines and clean contemporary design. It is a perfect fit for Armstrong TechZone™ ceiling systems. A regressed lens option provides added dimension to the sleek, slender design and the flush lens now has a Wet Label option.

Project:

Catalog Number:

DO NOT TYPE HERE. Autopopulated field.

### Specification Features

#### Housing

Nominal 4" x 2', 3', 4', 5', 6', 7', 8' and continuous rows in 1" increments as standard, upper housing fabricated from cold-rolled steel with extruded aluminum ceiling trim.

#### Finish

Polyester powder coat painted finish.

#### Reflector

Precision-formed steel; high reflectance matte white powder coat; 93% reflectivity.

#### Shielding

Flush Lens: Snap-in 90% transmissive satin acrylic lens. Lens is not sealed or gasketed.

Regressed Lens: Lay-in 90% transmissive satin acrylic lens.

#### Mounting

Recessed. Available for sheetrock, 9/16" slot grid or 15/16" inverted tee ceilings, or 9/16" inverted tee.

#### Certification

CSA certified to meet U.S. and Canadian standards (UL1598 and UL8750). This product is IC rated. Optional Damp (DPL) or Wet (WL) location listings available with specified nomenclature. Wet location listing is suitable for covered ceiling mount installation only, where any water exposure is beneath the non-porous mount surface.

#### Government Procurement

BAA - Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA - Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to [www.acuitybrands.com/buy-american](http://www.acuitybrands.com/buy-american) for additional information.

#### Warranty

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

#### A+ Capable Luminaire

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

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

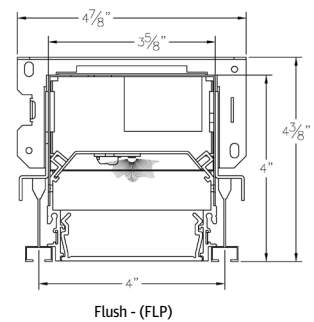
To learn more about Acuity A+ standards, specifications, and testing, visit [www.acuitybrands.com/aplus](http://www.acuitybrands.com/aplus)

**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.

### Technical Drawing



#### Fixture Performance - SL4L\*

Lumens Output Fixture Style	400 LMF		600 LMF**		800 LMF**		1000LMF	
	RLP	FLP	RLP	FLP	RLP	FLP	RLP	FLP
Delivered Lumens/FT	316	314	544	541	737	734	928	924
Input Watts/FT	4	4	6	6	8	8	10	10
Lumen/Watt	91	91	95	95	93	93	90	89

\* CCT (35K)

\* Consult factory for customized lumen output and wattage

\*\* Based on calculated values

Note: UGR data available on Page 5

#### LED Components

Linear: Nichia® - 757 Series LED chips (available in 80 or 90 CRI)

#### LED Life

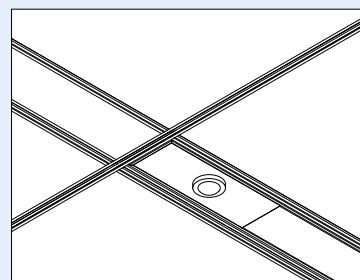
Rated 65,000 hours (L80) at 25 °C ambient temperature.

#### 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. Color variation is no greater than a 2.5 Step MacAdam (2.5SDCM) along the black body locus from board to board.

#### Driver

eldoLED constant current driver options delivers ultra-smooth dimming resolution from 100% to 0.1%, while assuring flicker free, low current inrush, 89% efficiency and low EMI.




Occupancy Sensor (PDT) and/or Photocell (ADC)

#### Integrated Controls

Optional nLight® embedded controls make luminaire addressable- allowing it 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. (Input option: NLIGHT)

#### Photometry

For photometric information refer to [www.marklighting.com](http://www.marklighting.com).

 Design Select options indicated by this color background.

**Ordering**

Example: SL4L LOP 4FT FLP TG 90CRI 35K 400LMF MIN1 277 NLIGHT

Series	Linear Length Plan	Total Run Length	Fixture Style	Ceiling Trim	Direct Light Source Color Rendering	Direct LED Color Temp
<b>SL4L</b> Slot 4 LED Linear Recessed	<b>LOP</b> Linear Optimized Plan	2FT 2' 3FT 3' 4FT 4' 5FT 5' 6FT 6' _FT_ *Specify continuous linear feet in 1" increments (7FT6 = 7FT 6IN) _FT_ **Specify continuous linear feet in 1 foot increments	<b>RLP</b> <sup>1,3</sup> Regressed Lens <b>FLP</b> <sup>2</sup> Flush Lens	<b>FL</b> <sup>4</sup> 5/8" Flange(sheetrock) <b>FLINB</b> <sup>23,24</sup> 5/8" Flange (sheetrock) Install From Below <b>TG</b> 9/16" or 15/16" Flat or Inverted Tee <b>GB</b> <sup>4</sup> Trimless (sheetrock) <b>WFL</b> Perimeter Mount, 5/8" Flange (Sheetrock) <b>WTG</b> 9/16" Flat or Inverted Tee, Perimeter Mount <small>*For metal pan, hard wood or other ceiling types consult factory.</small>	<b>80CRI</b> 80 CRI <b>90CRI</b> 90 CRI	<b>27K*</b> 2700K <b>30K</b> 3000K <b>35K</b> 3500K <b>40K</b> 4000K <b>50K*</b> 5000K

Direct LED Light Output	Direct Distribution	Downlight <sup>11</sup>	Downlight Color Rendering	Downlight Color Temp	Minimum Dimming Level	Voltage
<b>400LMF</b> 400 Lumens per FT <b>600LMF</b> 600 Lumens per FT <b>800LMF</b> 800 Lumens per FT <b>1000LMF</b> 1000 Lumens per FT _LMF* <sup>11</sup> ## Lumens per FT (Limited to 300LMF to 1000LMF in 50LMF increments)	<b>(blank)</b> Standard Distribution <b>WW</b> <sup>5</sup> Wall Wash	<b>2DL</b> <sup>3,6</sup> LED Downlight Standard <b>_DL</b> <sup>3,6</sup> LED downlights per Run (3DL, 4DL, ect.)	<b>S80CRI</b> 80 CRI <b>S90CRI</b> 90 CRI	<b>S27K</b> 2700K <b>S30K</b> 3000K <b>S35K</b> 3500K <b>S40K</b> 4000K	<b>NODIM</b> Non - Dim <b>MIN1</b> Constant current, dimming to 1% <b>DARK</b> Constant current, dimming to 0.1% <b>MIN10</b> <sup>18</sup> Constant current, dimming to 10%	<b>120</b> 120V <b>277</b> 277V <b>347</b> <sup>8</sup> 347V


Finish	Emergency Options	Control Input	Primary Sensor <sup>13</sup>	Secondary Sensor <sup>13</sup>
<b>(blank)</b> White (satin) <b>xxx/BLKT</b> Black (satin) <b>xxx/SLVT</b> Silver (satin) <b>xxx/AMF</b> Anti-Microbial White (satin) <b>xxx/RALTB</b> <b>RAL paint finish</b> <small>xxx = fill in with the appropriate ceiling trim. Only trims are painted RALTB is for pricing only. Replace with applicable RAL number and texture when placing order</small>	<b>(blank)</b> No Emergency <b>_E10WLCP</b> <sup>9</sup> Number of 4ft Emergency Section(s) with battery pack <b>_EC</b> <sup>10</sup> # of Emergency Circuits <b>WEC</b> <sup>16</sup> Entire run on EC	<b>(blank)</b> Non-dim <sup>12</sup> <b>ZT</b> 0 10V <b>NLIGHT</b> nLight enabled <b>NLTAIR2</b> <sup>19</sup> nLight Air (wireless enabled) <b>ECOD</b> <sup>17</sup> Lutron Hi-Lume digital driver <b>DALI</b> <sup>20</sup> DALI compatible	<b>(blank)</b> Single Zone, No Sensor <b>NS</b> Multi-zone, No Sensor Main Zone, No Sensors <b>PDT</b> <sup>14</sup> Dual Technology Occupancy Sensor, PIR and Microphonics Sensor <b>ADC</b> <sup>14</sup> Daylight Dimming Sensor <b>API</b> <sup>15</sup> Passive Infrared Occupancy Sensor and Daylight Dimming Sensor <b>APD</b> <sup>15</sup> Dual Technology Occupancy Sensor and Daylight Dimming Sensor	<b>(blank)</b> No additional zones/sensors <b>SNS</b> Multi-zone, with no sensor in secondary zone, No Sensors <b>SPDT</b> <sup>14</sup> Dual Technology Occupancy Sensor, PIR and Microphonics Sensor <b>SADC</b> <sup>14</sup> Dual Technology Occupancy Sensor, PIR and Microphonics Sensor <b>SAPI</b> <sup>15</sup> Passive Infrared Occupancy Sensor and Daylight Dimming Sensor <b>SAPD</b> <sup>15</sup> Dual Technology Occupancy Sensor and Daylight Dimming Sensor

Tertiary Zone	Options
<b>(blank)</b> No additional zones/sensors <b>TNS</b> Multi-zone, with no sensor in tertiary zone	<b>(blank)</b> No Options <b>CP</b> <sup>22</sup> Chicago Plenum <b>BAA</b> Buy America(n) Act and/or Build America Buy America Qualified <b>WL</b> <sup>3,11,22</sup> Wet Location Listing <b>DPL</b> <sup>22</sup> Damp Location Listing <b>PWS</b> 6' Pre-Wire, 3/8" Diameter, 18 Gauge

\* Requires longer lead time.

**Notes**

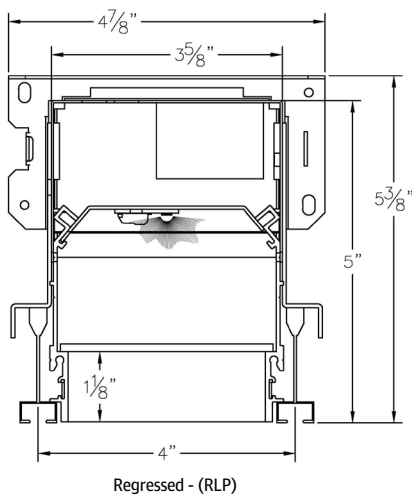
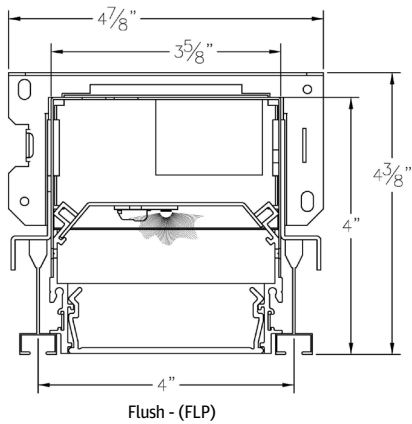
- Supplied with lift and shift lay-in lens.
- Supplied with snap-in lens.
- Wet Location label not available with downlights, regressed lens, or with sensor options, or PWS. Cannot be installed on vertical surfaces.
- Not intended for post sheetrock installation.
- Wall Wash not available with downlights, RLP lens and all sensor options.
- See notes on page 3, downlights only available with DARK dimming level.
- No longer applicable.
- Not available with 2' sections, E10WLCP or sensors. Only available with NODIM or MIN1 with ZT.
- Default battery pack is integral, battery pack will be remote on 2' & 3' (RE10WLCP). Integral battery not available with RLP, WW, sensors or downlights. Only 1 integral battery pack per unit. CP listing must have an integral battery. Remote batteries are not wet location listed, they may be used with a wet location fixture is the battery itself is mounted in a dry location.
- Standard 4' EC section, defaults to end of run. 2ft, 3ft and 5ft powers entire fixture, 6ft powers 3ft EC section.
- Not available with ECOD control input.
- Only available with NODIM option.
- Sensors not available with WW, NODIM driver, WL, RLP, downlights or 2' & 3' units. Not available with 347 & NLIGHT together. Default location for sensor is the left side of the fixture. For runs the first fixture will include the sensor.
- Requires ZT or NLIGHT Control Input.
- Requires ZT, NLIGHT or NLTAIR2 Control Input.
- Not available with NLIGHT or NLTAIR2.
- Must select MIN1 options.
- MIN10 not available with 347, sensors, NLIGHT or NLTAIR2, requires ZT.
- Must select MIN1 or DARK. Not available with RLP, WW, PDT, ADC or 347, DPL or WL.
- DALI is only available with DARK or MIN1. It is not available with sensors or downlights.
- CP not available with NLTAIR2.
- Lens is not sealed or gasketed.
- 1" increments will have extended lead times.
- Not available with RLP regressed lens option.

 **design select**

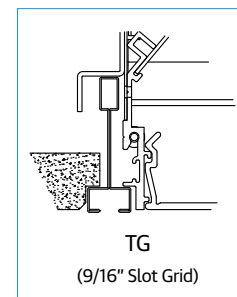
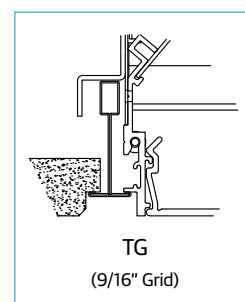
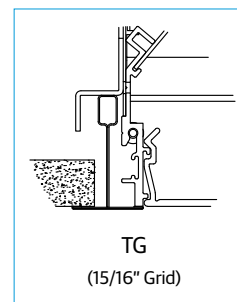
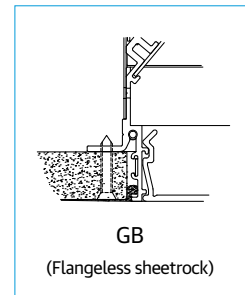
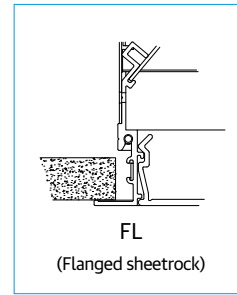
Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect).  
\*See ordering tree for details

Maximum order quantity for Design Select lead times is 350 linear feet.

**Technical Drawing**



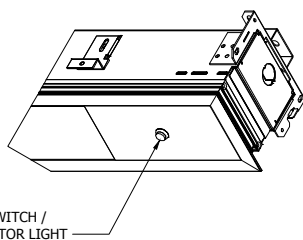
**Ceiling Trim**



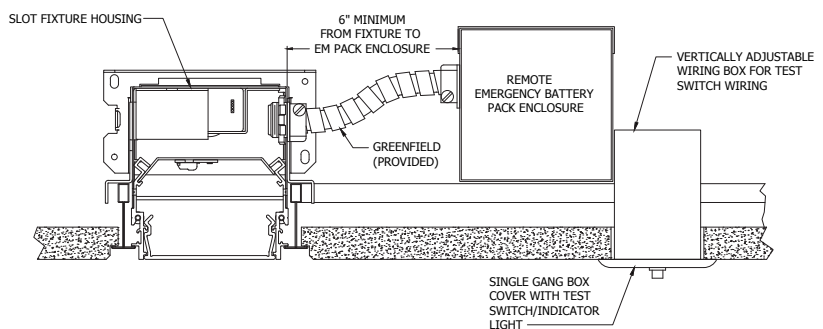
TG ceiling trim is suitable to mounted to a 4" techzone ceiling type.

**Emergency Battery**

Internally Mounted (E10WLCP)



Remote Mounted (RE10WLCP)

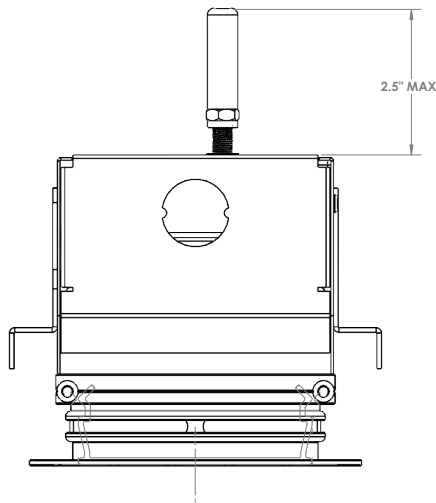


- Notes**
- Delivers 700 lumens per 4FT length. Default location is the right side of fixture and end of run.
  - Provided with 4FT of flexible conduit. Maximum of 25FT remote distance if extended. Extension provided by others.
  - See ordering tree notes for remote battery pack scenarios.

**nLight Air Wireless**

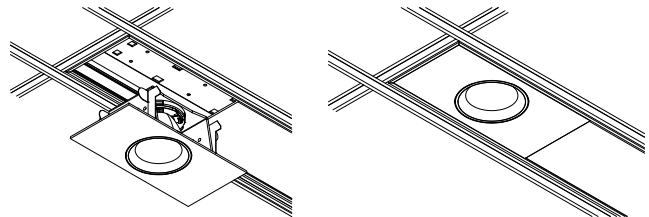
**nLight Air**

The default location of the antenna will be at the left end of an individual unit. On a run, it will be placed at the beginning or left end of the first section. Please consult factory for other placement options.

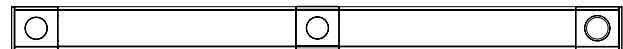


**Downlights**

Optional downlights powered by Xicato Spot Modules are available with any linear length and no less than 2' on center spacing. Each downlight module is 6W 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)

**Notes**

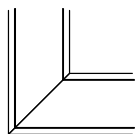
- 2DL - Downlights are supplied at each end of an individual unit
- \_DL - Multiple downlights will be supplied with one at each end and the remainder will be centered over the length of the run.
- Downlights are not adjustable and are provided with solite lens

**Continuous Runs**

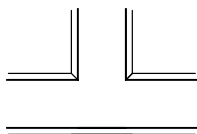
Slot 4 LED continuous rows can be configured in 1" increments.

**Run Patterns, Corners and Junction**

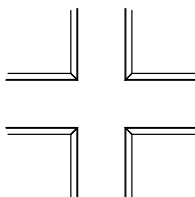
Slot 4 LED patterns be configured in 1' increments with illuminated 90° inside and outside corners, T junctions, and X junctions with standard 2' corner and junction lengths. For custom angles, corner or junction lengths, consult factory.



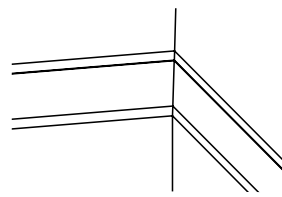
90° Corner



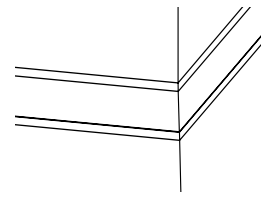
T Junction



X Junction



Inside Corner



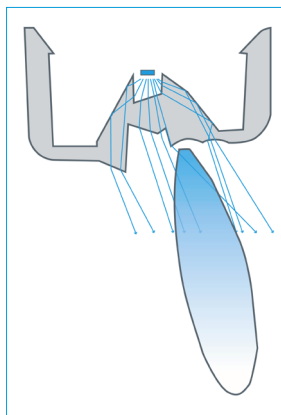
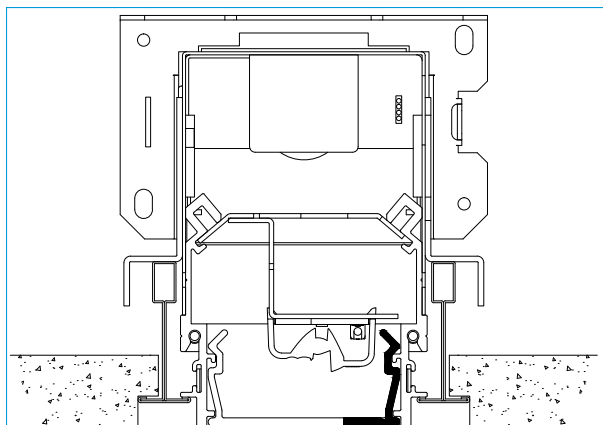
Outside Corner

**Layout Sketch**

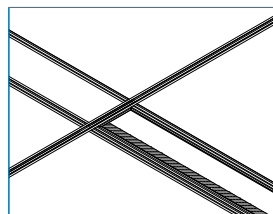
Please draw and configure your linear run below.

**OPTICS**

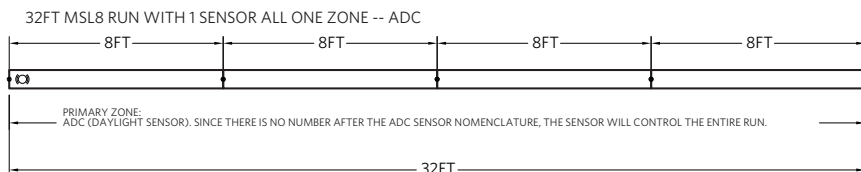
Slot LED's patent-pending, precision lumen DIRECTIR optics condition and refract light to deliver accurately controlled, striation-free, and uniform white light. All lumen DIRECTIR optics are injection-molded, optical grade, UV-resistant acrylic with selective finishing/polishing treatment.



Wall Wash (WW)



**INTEGRATED SENSOR LAYOUT**



**Notes:**  
• Only one sensor per zone

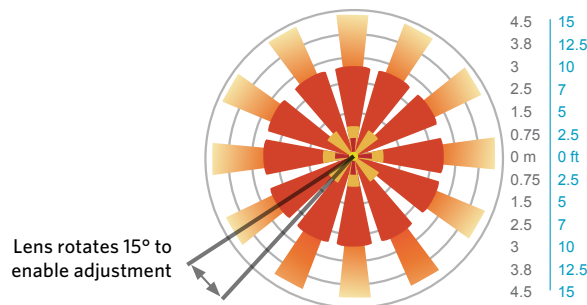
**OCCUPANCY DETECTION COVERAGE**

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.



**UGR CHART**

Lumen Package	UGR (70% 50% 20% REFLECTANCE USING A 4H X 8H ROOM SIZE)					
	Crosswise			Endwise		
	FLP	RLP	WW	FLP	RLP	WW
400LMF	21.4	20.8	20.2	21.4	17.8	18.7
600LMF	23.3	22.7	22.1	23.3	19.7	20.6
800LMF	24.4	23.7	23.2	24.3	20.8	21.6
1000LMF	25.2	24.5	24	25.1	21.6	22.4

\*UGR varies based on luminaire options and is affected by application dependent parameters. Numbers depicted here are considered "Luminaire-UGR" and/or "Point-UGR" values. To determine a more precise maximum UGR value ("Application-UGR"), a full lighting design layout should be completed with the selected luminaire configuration for each application.

\*\*Click here for more information on UGR FAQ