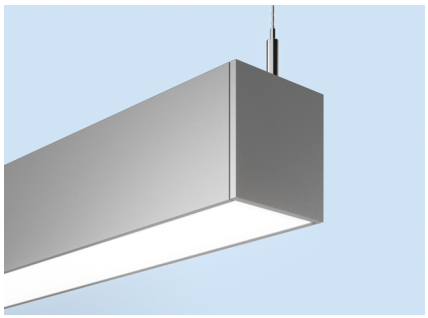
MARK ARCHITECTURAL LIGHTING

SPECIFICATIONS

TYPE:

PROJECT:



SLOT 4

PENDANT DIRECT

HIGHLIGHTS

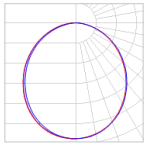
- 300 to 1500 lumens per foot Direct
- Up to 126 Lumens per Watt
- 5 direct distributions: Lambertian, Batwing, Wall Wash Wall Graze or Asymmetric
- Multiple lens treatment options include Continuous, Drop, in 1/2", 1"or 1 1/2" and Edge View
- Shielding provided by optional deep cell baffle
- Integrated 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

FIXTURE PERFORMANCE

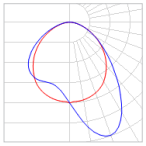
	Direct							
Nominal Lumens/Foot	300LMF	400LMF	600LMF	800LMF	1000LMF	1200LMF	1400LMF	1500LMF
Delivered Lumens/Foot	292	394	575	791	973	1192	1352	1442
Input Watts/Foot	2.39	3.14	4.68	6.33	7.96	10.00	11.93	13.01
Lumens/Watt	122	126	123	125	122	119	113	111

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

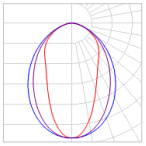
DIRECT DISTRIBUTION



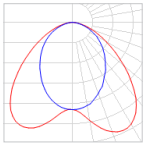
Lambertian (No Optic)



Wall Wash (WW)



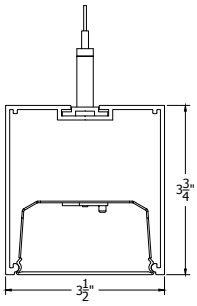
Wall Graze (WG)



Batwing (DBW)

DIMENSIONS

See page 5 for additional details.



DIFFUSERS/SHIELDING

Flush Lens (FLL)

Regressed Louver (LVRR)

Edge View Lens (EGLD)

1/2" Drop Lens (DRPO5)

1" Drop Lens (DRP1)

1-1/2" Drop Lens (DRP15)

MARK ARCHITECTURAL LIGHTING™

SLOT 4
Pendant Direct

Design Select options indicated by this color background.

ORDERING

Example: S4PD LLP 32FT MSL8 90CRI 35K 800LMF MIN1 FLL SCT MVOLT WHTT ZT F1/36A RDCY WHTCY WCRD

Series

S4PD	SLOT 4 Pendant Direct (Formerly S4LD)

Linear Plan

LLP	Linear Longest Possible
LCB	Linear Center Balanced
LSL	Longest Same Length

For more information on linear plans, see page 4.

Total Run Length

_FT_	Specify Continuous Run Length (in 1" increments, 2' minimum)
_FT	Specify continuous linear feet in 1 foot increments

Unit length may affect available options.

For runs longer than 8FT: ALWAYS order the run by the TOTAL RUN LENGTH. Ordering the sections individually will not provide the correct joining hardware to allow connection in the field.

Max Section Length

MSL2	2FT Length
MSL3	3FT Length
MSL4	4FT Length
MSL5	5FT Length
MSL6	6FT Length
MSL7	7FT Length
MSL8	8FT Length

Direct Light Source Color Rendering

80CRI	80 CRI
90CRI	90 CRI

Direct LED Color Temp

27K	2700K
30K	3000K
35K	3500K
40K	4000K
50K	5000K

Direct LED Light Output

300LMF	300 Lumens per Foot
400LMF	400 Lumens per Foot
600LMF	600 Lumens per Foot
800LMF	800 Lumens per Foot
1000LMF	1000 Lumens per Foot
1200LMF	1200 Lumens per Foot
1400LMF	1400 Lumens per Foot
1500LMF	1500 Lumens per Foot
_LMF	Specify Lumens between 300LMF - 1500LMF in 50LMF increments

Direct Distribution (Optics)

(blank)	Lambertian
WW	Wallwash Distribution
WG	Wall Graze Distribution
DBW	Direct Batwing Distribution

Direct Distribution options are only available with FLL lens.

Switching

SCT	Single Circuit

Minimum Dimming Level

NODIM[1]	Non Dimming
MIN1	Constant Current, Dimming To 1%
MIN10[2]	Constant Current, Dimming To 10%
DARK	Constant Current, Dimming To 0.1%

1. Not available with Control Input options.
2. MIN10 is not available with DALI, ECOD or ECOD2.

Direct Shielding

FLL	Flush Lens (Default)
LVRR[1]	Regressed Louver
LVRRA[1]	Regressed Louver, Natural Aluminum
EGLD[2]	Edge Glow, Direct
DRPO5[3]	Drop Lens, 1/2"
DRP1[3]	Drop Lens, 1"
DRP15[3]	Drop Lens, 1-1/2"
CLL[4]	Continuous Flush Lens

1. LVRR & LVRRA are not available with NLTAIR2. Only available in whole foot increments
2. EGLD is not available with E10WLCP, 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.

Voltage

MVOLT	Multi-Volt, 120-277
120	120V
277	277V
347[1]	347V

1. 347 is only available with ZT. 347 is not available with emergency options or sensors.

Finish

WHTT	White (Satin)
BLKT	Black (Satin)
SLVT	Silver (Satin)
RALTBD[1]	RAL Paint Finish

1. RALTBD is for pricing only. Replace with applicable RAL number & finish when placing order.

Emergency Options

(blank)	No Emergency Options
_E10WLCP[1]	# of 10W Battery Packs, Constant Power, Self Diagnostics, T20 Compliant
WEC[2]	Emergency Circuit for Entire Run
_EC	# of Emergency Circuits
GTD[3]	Generator Transfer Device (Remote mounted)

1. E10WLCP is not available in units under 4'. E10WLCP 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

(blank)	Non-Dimming
ZT	0-10V
NLIGHT	nLight Wired
NLTAIR2[1]	nLight Air 2 Wireless Enabled
DALI[2]	DALI
ECOD[3]	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 MIN1. It is not available with E10WLCP & sensors. It is only available with 300LMF, 600LMF, 1000LMF or 1500LMF.

Primary Sensor

(blank)	No sensors or Zones
NS_	Primary Zone with No Sensor (Specify length in feet)
ADC[1]	Daylight Dimming Sensor
PDT[1]	Dual Technology Occupancy Sensor, PIR and Microphonics Sensor
APIR[2]	Passive Infrared Occupancy and Daylight Dimming Sensor
APDT[2]	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.

Secondary Zone

(blank)	No Sensors or Secondary Zone
SNS_	Secondary Zone with No Sensor (Specify length in feet)
SADC[1]	Daylight Dimming Sensor, Secondary Zone
SPDT[1]	Dual Technology Occupancy Sensor, PIR and Microphonics Sensor, Secondary Zone
SAPIR[2]	Passive Infrared Occupancy and Daylight Dimming Sensor, Secondary Zone
SAPDT[2]	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.

Tertiary Zone

(blank)	No Tertiary Zone
TNS_	Tertiary Zone (Specify length in feet)

Mounting Type

F1/	T-Bar Ceiling with Universal Mounting Bracket
F1A/	T-Bar Ceiling with Universal Mounting Bracket & Integrated J-Box
F2/	Hard Ceiling

Overall Suspension

36A	36" Adjustable
72A	72" Adjustable
144A	144" Adjustable
240A	240" Adjustable
300A	300" Adjustable

Canopy Form

RDCY	Round Canopy
SQCY	Square Canopy

Canopy Color

BLKCY	Black Canopy
WHTCY	White Canopy
SLVCY	Silver Canopy

Cord Color

WCRD	White Cord
BCRD[1]	Black Cord

CAT5 cord, when included, will be white.
1. Black cord is not available with 300A.

Options

(blank)	No Options
MCS	Matching Support Canopy
PIF[1]	Feed Cord Installed
BAA	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

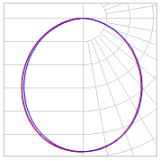
Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

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

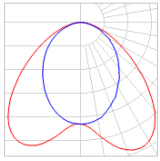
MARK ARCHITECTURAL LIGHTING™

SLOT 4
Pendant Direct

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	LVRR	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**	**LVRR**	**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	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.

LLP	8 FT	8 FT	4FT

LCB- Linear Center Balanced:

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

LCB	4 FT	8 FT	4FT

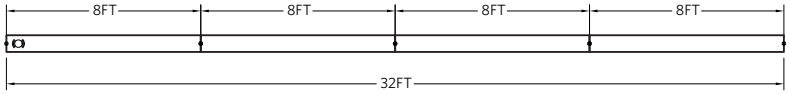
LSL- Linear Same Length:

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).

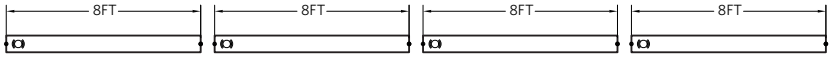
LSL	4FT	4FT	4FT	4FT	4FT

Total Run Length

This system is not modular. Runs longer that 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..."

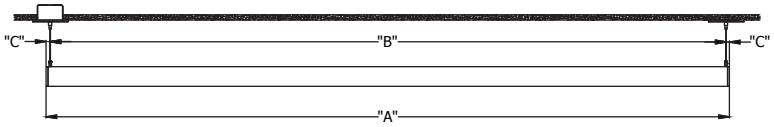


Example: If you order as 4pcs "S4PD LLP 8FT MSL8... you will receive these INDIVIDUAL sections that cannot be joined together

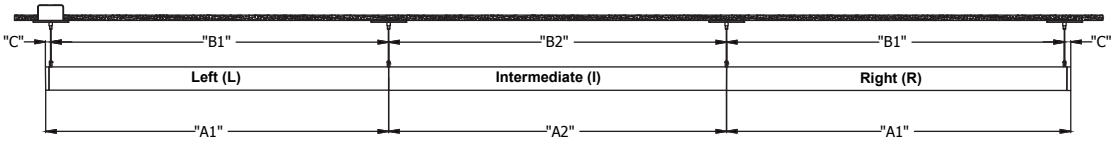
Maximum Section Length

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



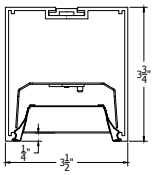
INDIVIDUAL FIXTURES				
ORDERED LENGTH	"A" O.A.L.	"B" O.C.	"C" FROM END	APPROX. WEIGHT
2FT	2'- 0 9/16"	1'- 11 13/16"	3/8"	2
3FT	3'- 0 9/16"	2'- 11 13/16"	3/8"	3
4FT	4'- 0 9/16"	3'- 11 13/16"	3/8"	4
5FT	5'- 0 9/16"	4'- 11 13/16"	3/8"	5
6FT	6'- 0 9/16"	5'- 11 13/16"	3/8"	6
7FT	7'- 0 9/16"	6'- 11 13/16"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

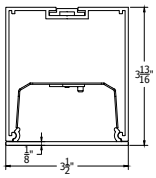


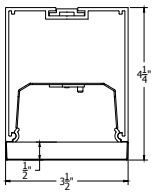
RUN LAYOUT						
ORDERED LENGTH	"A1" O.A.L.	"A2" O.A.L.	"B1" O.C.	"B2" O.C.	"C" FROM END	APPROX. WEIGHT
4FT	4'- 0 1/4"	4'-0"	3'- 11 15/16"	4'-0"	3/8"	4
5FT	5'- 0 1/4"	5'-0"	4'- 11 15/16"	5'-0"	3/8"	5
6FT	6'- 0 1/4"	6'-0"	5'- 11 15/16"	6'-0"	3/8"	6
7FT	7'- 0 1/4"	7'-0"	6'- 11 15/16"	7'-0"	3/8"	7
8FT	8'-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

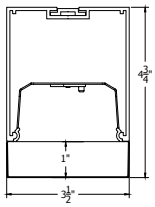
SHIELDING, OPTICS & CONNECTORS

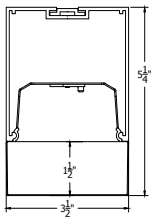
Direct Shielding


LOUVER

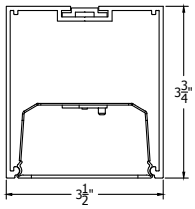

EDGE GLOW LENS


1/2" DROP LENS


1" DROP LENS


1-1/2" DROP LENS

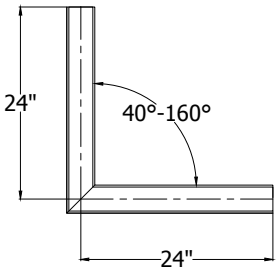
Direct Optics


CO-EXTRUDED LENS

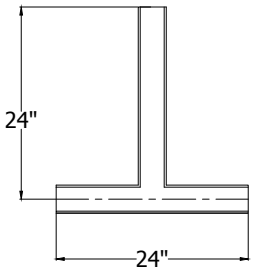
Optical Film with
Co-Extruded Lens
(Batwing (DBW),
Wall Graze (WG),
Wall Wash (WW))

Run Patterns, Corners and Junction

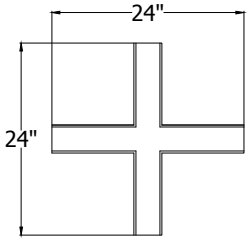
Patterns can be configured in 1' increments with illuminated L, T & X connectors with standard 2' corner. L connectors are available in 40-160 degrees in 1 degree increments. T & X connectors available in 90 degrees. For custom angles, corner or junction lengths, consult factory.
See separate pattern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



L Connector



T Connector



X Connector

MOST COMMON MOUNTING TYPES AND OPTIONS

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

Mounting Type

F1/ For use with most T-Bar and screw slot grid ceilings. Designed for on-grid and off-grid applications. (J-box by others)

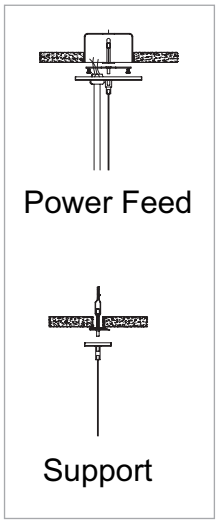
F1A/ For use with most T-Bar grid ceilings. Designed for on-grid applications. *Comes complete with J-box with built-in cutout to go over grid*

F2/ For use with recessed or surface mount horizontal J-box applications. (J-box by others)

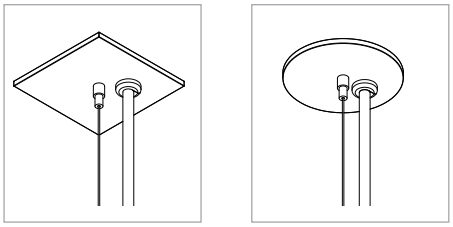
Mounting Options

MCS MCS canopy supplies 5" canopy to match feed point canopy size. Matching canopy at support for aesthetics.

PIF Feed cord installed in fixture.

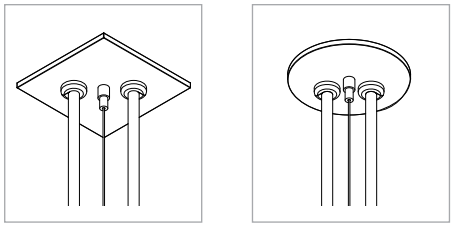


Mounting with Feed (SPSW1FK)



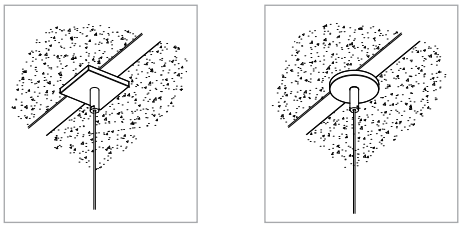
5" Square 5" Round

Mounting with Dual Feed (SPSW2FK)



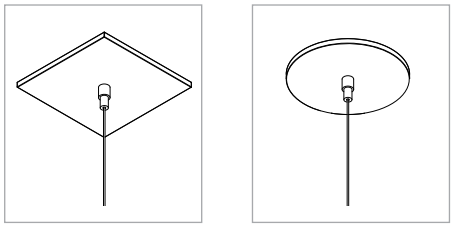
5" Square 5" Round

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.
MIN10	+	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 occupany sensor.
ZT	+	APIR	=	MSD 7 ADC	PIR integral occupancy sensor with automatic dimming control photocell.
ZT	+	APDT	=	MSD PDT 7 ADC	Dual technology integral occupany 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 occupany 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 occupany 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 occupany 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.

- 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.
- Using the CL**AIR**ITY+ mobile app, EM devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- 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.

nLight® Wired Control Accessories
Order as separate catalog number

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
Order as separate catalog number

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)

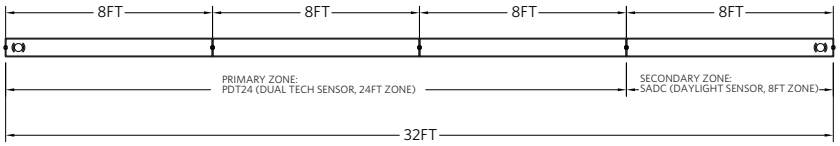
For more information see rPOD spec sheets

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.

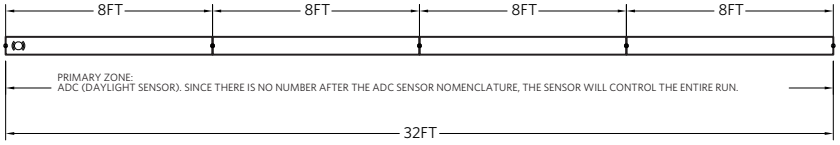
CORRECT:

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



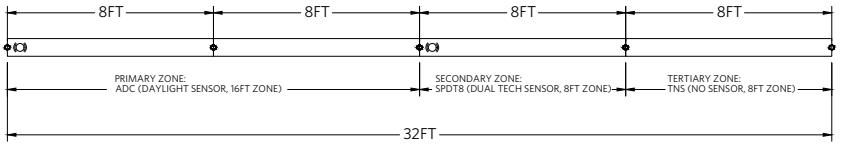
Total Run Length to Order

32FT MSL8 RUN WITH 1 SENSOR ALL ONE ZONE -- ADC



Total Run Length to Order

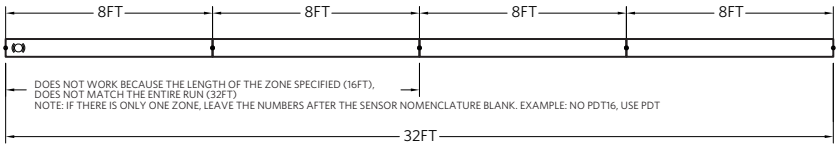
32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 16FT, SECONDARY ZONE 8FT, AND TERTIARY ZONE 8FT-- ADC16 SPDT8 TNS8



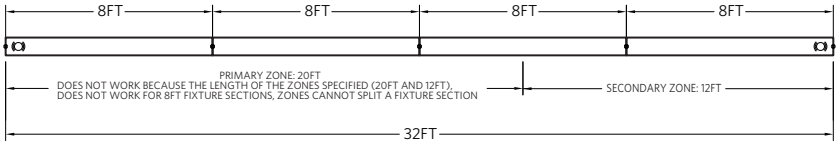
Total Run Length to Order

INCORRECT:

32FT MSL8 RUN WITH 1 SENSOR ALL ONE ZONE -- PDT16



32FT MSL8 RUN WITH 2 SENSORS WITH PRIMARY ZONE 20FT AND SECONDARY ZONE 12FT -- PDT20 SADC12



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

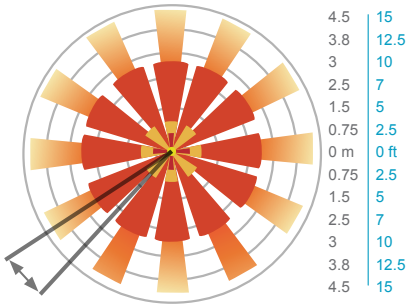
OCCUPANCY DETECTION COVERAGE

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.

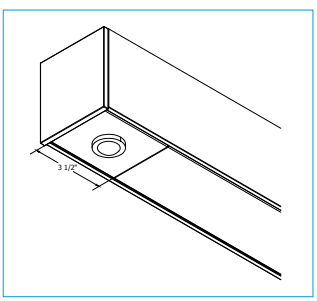
Initial detection of walking motion into long coverage segment will occur at distances of 2x the mounting height up to 15 ft (4.57 m) and 1.75x up to 20 ft (6.10 m). Lens assembly rotates 15° to enable adjustment in order to line up long segments.



Lens rotates 15° to enable adjustment

Integrated Controls

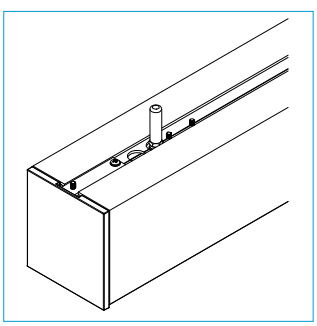
Optional nLight® integrated controls make Slot LED luminaires addressable- allowing them to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors and photocontrols. Simply connect all the nLight enabled control devices using standard CAT5 Cabling (included).



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.

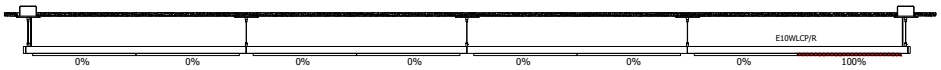


EMERGENCY OPTIONS

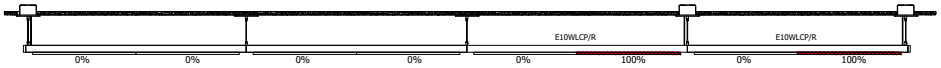
Emergency Battery Packs

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.

E10WLCP



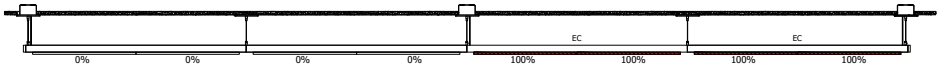
Multiple E10WLCP



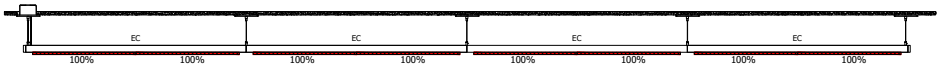
Emergency Circuits

EC

Multiple EC

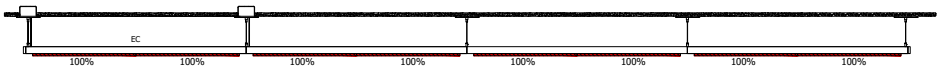


WEC



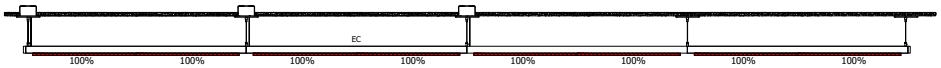
Note: *Whole run on emergency circuit*

WEC



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

WEC



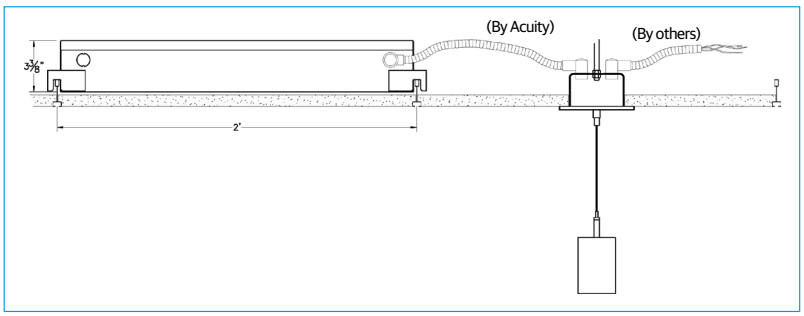
Note: *Whole run on emergency circuit nltAIR2/nLight PP in second fixture*

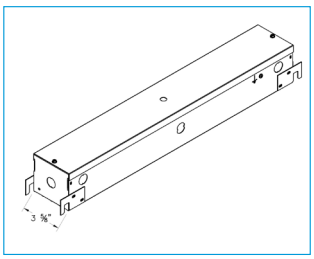
How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode
Delivered Lumens = 1.25 x P x LPW
P = 10W for PS1055LCP
LPW = Lumen per watt rating of the luminaire This information is available on page 1 of this spec sheet or appropriate IES 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 (LVRRA). Extruded acrylic drop lens (DRP05, 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 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

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.

