# MARK
ARCHITECTURAL LIGHTING

SLOT 2
WALL INDIRECT/DIRECT

HIGHLIGHTS

- 600 to 3000 total lumens per foot
- 300 to 150 lumens per foot Direct or Indirect
- Up to 280 Lumens per Watt
- 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 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
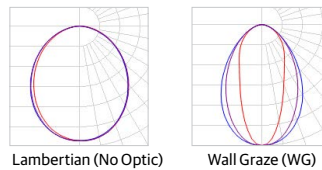
See page 5 for additional details.
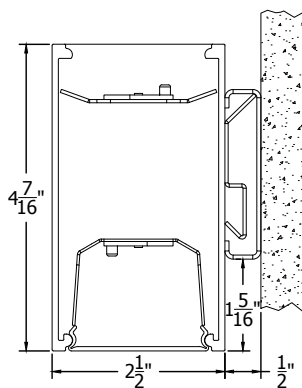
FIXTURE PERFORMANCE

	Direct							
Nominal Lumens/Foot	300LMF	400LMF	600LMF	800LMF	1000LMF	1200LMF	1400LMF	1500LMF
Delivered Lumens/Foot	271	367	547	702	908	1060	1248	1368
Input Watts/Foot	2.38	3.14	4.68	6.27	7.98	9.85	11.93	13.07
Lumens/Watt	114	117	117	112	114	108	105	105

	Indirect							
Nominal Lumens/Foot	300LMF	400LMF	600LMF	800LMF	1000LMF	1200LMF	1400LMF	1500LMF
Delivered Lumens/Foot	315	394	594	788	990	1183	1388	1530
Input Watts/Foot	1.95	2.56	3.82	4.84	6.17	7.51	8.94	9.75
Lumens/Watt	162	154	156	163	160	158	155	157

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

BAA   BABA   Declare.   nLight   eldoLED

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 (DRPO5)   1" Drop Lens (DRP1)   1-1/2" Drop Lens (DRP15)   Top Glow (TGLD)

AcuityBrands.

MARK ARCHITECTURAL LIGHTING™

Slot 2
Wall Direct/Indirect

ORDERING

Example: S2WID LLP 32FT MSL8 90CRI 35K 800LMF I90CRI I35K I1200LMF MIN1 FLL SCT MVOLT WHTT ZT

| Series	Linear Plan	Total Run Length	Max Section Length	Direct Light Source Color Rendering	Direct LED Color Temp	Direct Lumen Output	Direct Distribution (Optics)
S2WID Slot 2 Wall Indirect/Direct (Formerly S2LWID)	**LLP** Linear Longest Possible **LCB** Linear Center Balanced **LSL** Longest Same Length For more information on linear plans, see page 4.	**_FT** Specify Continuous Run Length (in 1" increments, 2' minimum) Unit length may affect available options. **For runs longer than 8FT: ALWAYS order the run by the TOTAL RUN LENGTH. Ordering the sections individually will not provide the correct joining hardware to allow connection in the field.**	**MSL2** 2FT Length **MSL3** 3FT Length **MSL4** 4FT Length **MSL5** 5FT Length **MSL6** 6FT Length **MSL7** 7FT Length **MSL8** 8FT Length	**80CRI** 80 CRI **90CRI** 90 CRI	**27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **50K** 5000K	**300LMF** 300 Lumens per Foot **400LMF** 400 Lumens per Foot **600LMF** 600 Lumens per Foot **800LMF** 800 Lumens per Foot **1000LMF** 1000 Lumens per Foot **1200LMF** 1200 Lumens per Foot **1400LMF** 1400 Lumens per Foot **1500LMF** 1500 Lumens per Foot **_LMF** Specify Lumens between 300LMF - 1500LMF in 50LMF increments	**(blank)** Lambertian **WG** Wall Graze Distribution Direct Distribution options are only available with FLL lens.

Indirect Light Source Color Rendering	Indirect LED Color Temp	Indirect Lumen Output	Indirect Distribution	Switching	Minimum Dimming Level	Direct Shielding	Indirect Shielding
I80CRI 80CRI **I90CRI** 90CRI	**I27K** 2700K **I30K** 3000K **I35K** 3500K **I40K** 4000K **I50K** 5000K	**I300LMF** 300 Lumens per FT **I400LMF** 400 Lumens per FT **I600LMF** 600 Lumens per FT **I800LMF** 800 Lumens per FT **I1000LMF** 1000 Lumens per FT **I1200LMF** 1200 Lumens per FT **I1400LMF** 1400 Lumens per FT **I1500LMF** 1500 Lumens per FT **_LMF** Specify Lumens between 300LMF - 1500LMF in 50LMF increments	**(blank)** Lambertian **AS**[1] Asymmetrical Distribution 1. Asymmetric Distribution is only available in whole foot increments. It is not available with E10WLCP, GTD or sensors.	**SCT** Single Circuit **DCT**[1] Dual Circuit 1. DCT is not available with sensors or NLTAIR2. Not available on fixtures under 4'. DCT with E10WLCP is not available in units under 5'.	**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.	**FLL** Flush Lens (Default) **LVRR**[1] Regressed Louver **LVRRA**[1] Regressed Louver, Natural Aluminum **EGLD**[2] Edge Glow, Direct **DRP05**[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.	**(blank)** No Indirect Shielding **TGLD**[1] Top Glow Lens **DC** Dust Cover, Clear **DCF** Dust Cover, Frosted 1. TGLD is only available in whole foot increments. It's not available with E10WLCP or NLTAIR2.

Voltage	Finish	Emergency Options	Control Input	Primary Sensor	Secondary Zone
MVOLT Multi-Volt, 120-277 **120** 120V **277** 277V **347**[1] 347V 1. 347 & DCT are not available under 4'. 347 is only available with ZT. 347 is not available with emergency options or sensors.	**WHTT** White (Satin) **BLKT** Black (Satin) **SLVT** Silver (Satin) **RALTBD**[1] RAL Paint Finish RALTBD is for pricing only. Replace with applicable RAL number & finish when placing order.	**(blank)** No Emergency Options **_E10WLCP**[1] # of 10W Battery Packs, Constant Power, Self Diagnostics, T20 Compliant **WEC**[2] Emergency Circuit for Entire Run **_EC**[3] # of Emergency Circuits **GTD**[4] Generator Transfer Device (Remote mounted) 1. E10WLCP is not available in units under 7'. E10WLCP with NLTAIR2 is only available in units 7'-8'. 2. WEC is not available with sensors. 3. EC powers entire unit. 4. GTD is remote mounted. (See more information on page 9.) GTD is not available with MVOLT or 347.	**(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 or DCT with EC or GTD. Not available on units under 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.	**(blank)** No sensors **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.	**(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	Options
(blank) No Tertiary Zone **TNS_** Tertiary Zone (Specify length in feet)	**(blank)** No Options **BAA** Buy America(n) Act and/or Build America Buy America Qualified

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

MARK ARCHITECTURAL LIGHTING™

Slot 2
Wall Direct/Indirect

PHOTOMETRICS
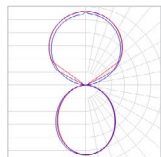
Test Report: ISF 23168-ISF 23191P1445
IES LM79-08
S2WID U4 80CRI 35K 1000LMF I1000LMF
Lumens: 7804.9
Wattage: 27.03
Efficacy: 288.75

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	1.03
27K	90CRI	0.79
30K	90CRI	0.81
35K	90CRI	0.83
40K	90CRI	0.84
50K	90CRI	0.89

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
WG	0.85

Base fixture with Lambertian distribution and flush lens

UPLIGHT	
DISTRIBUTIONS	MULTIPLIER
AS	0.79
SHIELDING	MULTIPLIER
TGLD	0.9
DC	0.88
DCF	0.86

UGR CHART

Lumen Package	UGR (70% 50% 20% reflectance using a 4H x 8H room size)										
	Crosswise										
	Lambertian	DBW	WG	WW	CLL	DPR05	DRP1	DRP15	EGLD	LVRR	LVRRA
300LMF	11.8	9.4	10.7	10	12.3	10.5	9	7.7	12.4	0	0
400LMF	13.8	11.5	12.8	12	14.3	12.5	11	9.7	14.4	0	0
600LMF	16.4	14.1	15.4	14.7	16.9	15.1	13.6	12.3	17	1.4	1.1
800LMF	18	15.8	17	16.3	18.5	16.7	15.2	13.9	18.6	3	2.8
1000LMF	19.6	17.4	18.6	17.9	20.1	18.3	16.8	15.6	20.2	4.8	4.5
1200LMF	20.6	18.4	19.6	18.9	21.1	19.3	17.8	16.5	21.2	5.8	5.5
1400LMF	21.6	19.4	20.6	19.9	22	20.3	18.8	17.6	22.1	6.9	6.6
1500LMF	22.1	20	21.2	20.5	22.6	20.8	19.3	18.1	22.7	7.5	7.2
Lumen Package	Endwise										
	Lambertian	DBW	WG	WW	CLL	DPR05	DRP1	DRP15	EGLD	LVRR	LVRRA
300LMF	11.5	9.2	10.5	9.7	11.5	12.6	13.9	13.9	12.1	0	0
400LMF	13.5	11.2	12.5	11.8	13.5	14.6	15.9	15.9	14.1	0	0
600LMF	16.1	13.9	15.1	14.4	16.2	17.2	18.6	18.6	16.7	0	0
800LMF	17.7	15.5	16.8	16	17.8	18.8	20.2	20.2	18.3	0	0
1000LMF	19.4	17.2	18.4	17.7	19.4	20.4	21.8	21.8	19.9	0	0
1200LMF	20.3	18.2	19.4	18.7	20.3	21.4	22.7	22.8	20.8	0.5	0.1
1400LMF	21.3	19.2	20.4	19.7	21.3	22.4	23.7	23.8	21.8	1.5	1.2
1500LMF	21.9	19.8	20.9	20.3	21.9	22.9	24.3	24.3	22.3	2	1.8

Indirect Lumens	UGR Scaling Factors
I300LMF	1.27
I400LMF	1.24
I600LMF	1.18
I800LMF	1.13
I1000LMF	1.09
I1200LMF	1.05
I1400LMF	1.02
I1500LMF	1

*Calculations based on a 4 foot fixture @ 35K 80CRI using I1500LMF indirect lumens. Decreses in indirect lumens will increase UGR numbers. See UGR multiplier chart for guidance. UGR numbers calculated this way are for reference only, refer to IES files for the exact nubers.
**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
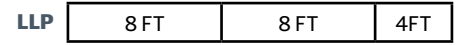
LCB- Linear Center Balanced:
This configuration incorporates the longest center segment(s) along with any additional lengths required to fill the run length, added to the run ends. Example: 16 FT run would have 2, 4 FT segments (one at each end) and 1, 8 FT segment in the center.

| LCB	4 FT	8 FT	4FT
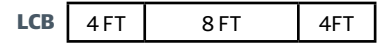
LSL- Linear Same Length:
In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length and there are mathematical limitations on what overall row lengths can be achieved. Example: 20 FT row would be achieved with 5, 4 FT long segments equaling 20 FT (nominal).

LSL	4FT	4FT	4FT	4FT	4FT
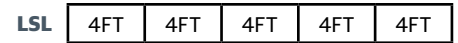
Total Run Length
This system is not modular. Runs longer that 8FT will be automatically configured with left, intermediate and right sections, based on how you specify the TOTAL RUN LENGTH and MAXIMUM SECTION LENGTH parameters in the ordering information. Always order the total run length, not the individual sections.
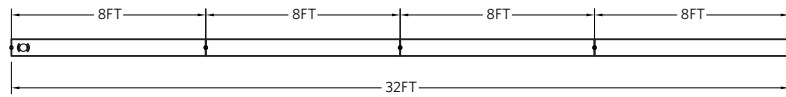
Example: This run must be ordered as 1pc "S2WID LLP 32FT MSL8…"
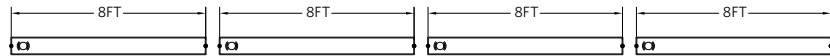
Example: If you order as 4pcs "S2WID LLP 8FT MSL8… you will receive these INDIVIDUAL sections that cannot be joined together

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.
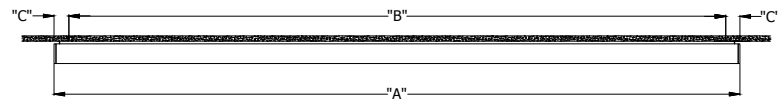
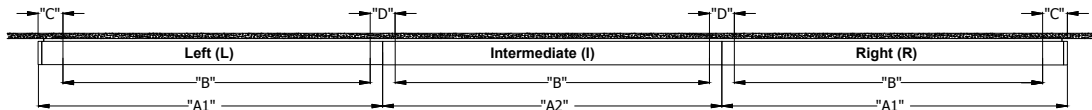Examples:
S2WID LLP 21FT MSL5… = 5FT / 4FT / 4FT / 4FT / 4FT
S2WID LLP 21FT MSL6… = 6FT / 6FT / 5FT / 4FT
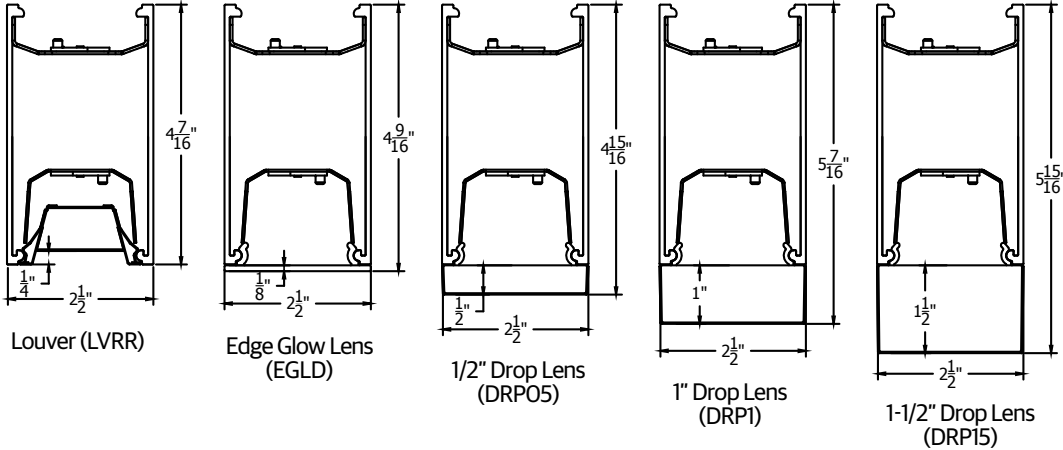S2WID LLP 21FT MSL7… = 7FT / 7FT / 7FT
S2WID LLP 21FT MSL8… = 8FT / 8FT / 5FT

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

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"	4 LBS
5FT	5'- 0 1/4"	5'-0"	4'- 0"	6 1/4"	1'- 0"	5 LBS
6FT	6'- 0 1/4"	6'-0"	5'- 0"	6 1/4"	1'- 0"	6 LBS
7FT	7'- 0 1/4"	7'-0"	6'- 0"	6 1/4"	1'- 0"	7 LBS
8FT	8'- 0 1/4"	8'-0"	7'- 0"	6 1/4"	1'- 0"	8 LBS

SHIELDING, OPTICS & CONNECTORS

Direct Shielding

4 7/16"	4 9/16"	4 15/16"	5 7/16"	5 15/16"
1/4" 2 1/2"	1/8" 2 1/2"	1/2" 2 1/2"	1" 2 1/2"	1 1/2" 2 1/2"
Louver (LVRR)	Edge Glow Lens (EGLD)	1/2" Drop Lens (DRP05)	1" Drop Lens (DRP1)	1-1/2" Drop Lens (DRP15)

Direct Optics

4 7/16"

2 1/2"

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

Indirect Shielding

|	
4 7/16"	1/8" 4 9/16"
2 1/2"	2 1/2"
Dust Cover (DC, DCF)	Top Glow (TGLD)

Indirect Optics

4 7/16"

2 1/2"
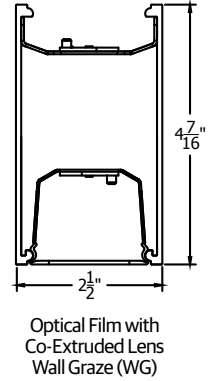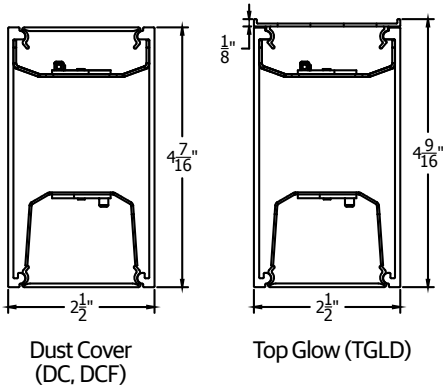
Asymmetric (AS)
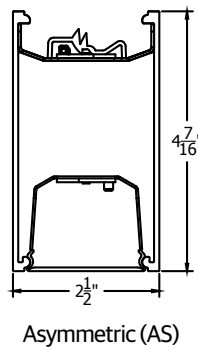
Run Patterns, Corners and Junction

Patterns can be configured in 1' increments with illuminated L connectors with standard 2' corner. L connectors are available in 40-160 degrees in 1 degree increments. For custom angles, corner or junction lengths, consult factory.
See separate pattern spec sheet for more details.

25 1/4" — 40°-160° — 25 1/4"	22 3/4" — 40°-160° — 22 3/4"
Inside Corner (IC)	Outside Corner (OC)
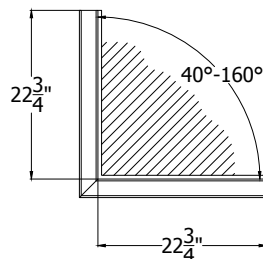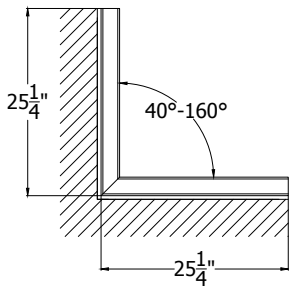
INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

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 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 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 CLAIRITY+ 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

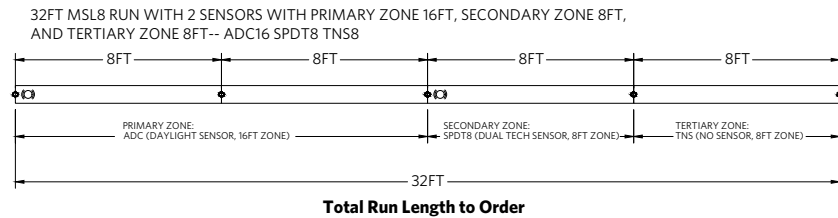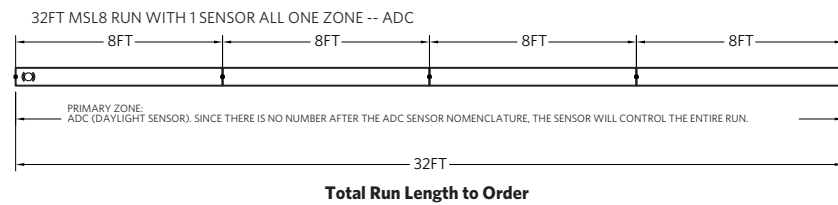### nLight AIR ® Control Accessories
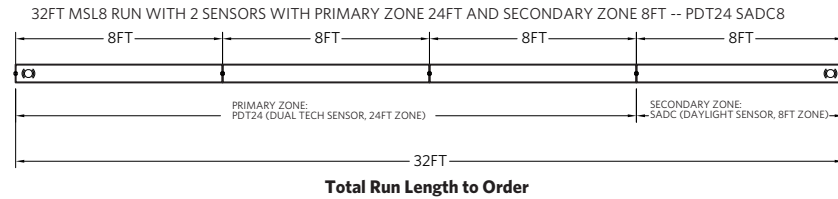*Order as separate catalog number*

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)

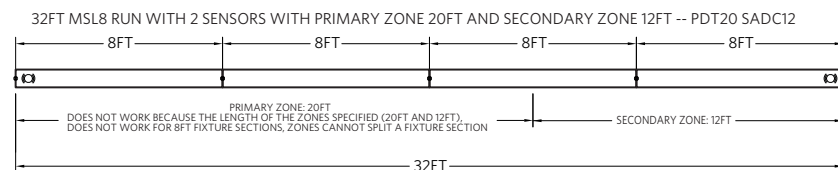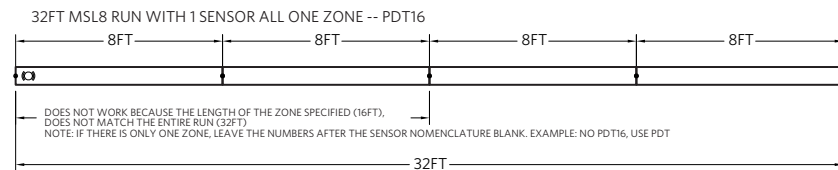For more information see rPOD spec sheets

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

| 8FT | 8FT | 8FT | 8FT |

PRIMARY ZONE:
PDT24 (DUAL TECH SENSOR, 24FT ZONE)

SECONDARY ZONE:
SADC (DAYLIGHT SENSOR, 8FT ZONE)

32FT

Total Run Length to Order

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

| 8FT | 8FT | 8FT | 8FT |

PRIMARY ZONE:
ADC (DAYLIGHT SENSOR). SINCE THERE IS NO NUMBER AFTER THE ADC SENSOR NOMENCLATURE, THE SENSOR WILL CONTROL THE ENTIRE RUN.

32FT

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

| 8FT | 8FT | 8FT |

PRIMARY ZONE:
ADC (DAYLIGHT SENSOR, 16FT ZONE)

SECONDARY ZONE:
SPDT8 (DUAL TECH SENSOR, 8FT ZONE)

TERTIARY ZONE:
TNS (NO SENSOR, 8FT ZONE)

32FT

Total Run Length to Order

INCORRECT:

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

| 8FT | 8FT | 8FT | 8FT |

DOES NOT WORK BECAUSE THE LENGTH OF THE ZONE SPECIFIED (16FT),
DOES NOT MATCH THE ENTIRE RUN (32FT)
NOTE: IF THERE IS ONLY ONE ZONE, LEAVE THE NUMBERS AFTER THE SENSOR NOMENCLATURE BLANK. EXAMPLE: NO PDT16, USE PDT

32FT

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

| 8FT | 8FT | 8FT | 8FT |

PRIMARY ZONE: 20FT
DOES NOT WORK BECAUSE THE LENGTH OF THE ZONES SPECIFIED (20FT AND 12FT),
DOES NOT WORK FOR 8FT FIXTURE SECTIONS, ZONES CANNOT SPLIT A FIXTURE SECTION

SECONDARY ZONE: 12FT

32FT

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.

4.5	15
3.8	12.5
3	10
2.5	7
1.5	5
0.75	2.5
0 m	0 ft
0.75	2.5
1.5	5
2.5	7
3	10
3.8	12.5
4.5	15

Lens rotates 15° to enable adjustment
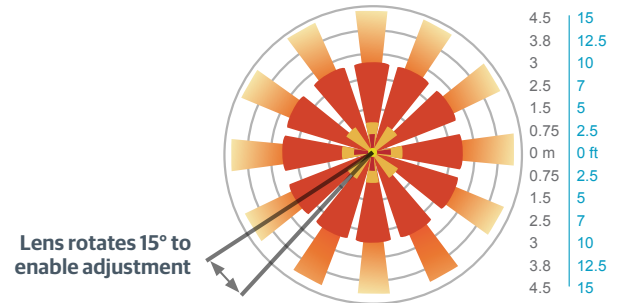
Integrated Controls

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).
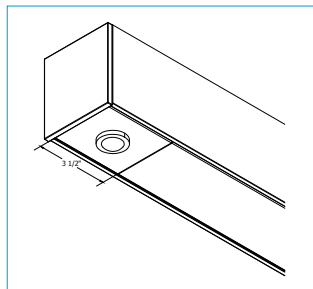
Occupancy Sensor and/or Photocell
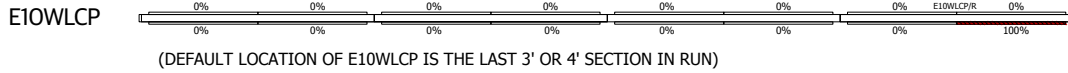
nLight Air Wireless Antenna Location

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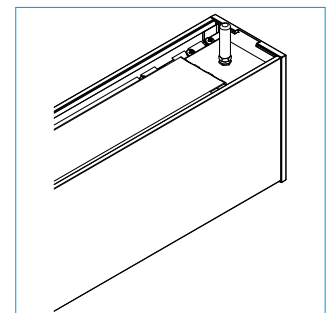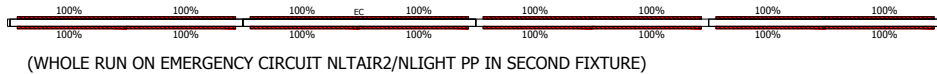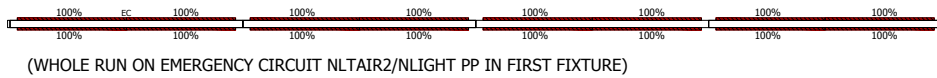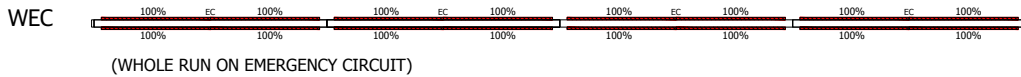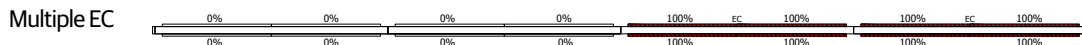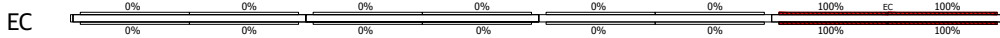
EMERGENCY OPTIONS

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

0%	0%	0%	0%	0%	0%	0% E10WLCP/R	0%
0%	0%	0%	0%	0%	0%	0%	100%

(DEFAULT LOCATION OF E10WLCP IS THE LAST 3' OR 4' SECTION IN RUN)

Multiple E10WLCP

0%	0%	0%	0%	0% E10WLCP/R	0%	0% E10WLCP/R	0%
0%	0%	0%	0%	0%	100%	0%	100%

Emergency Circuits

EC

0%	0%	0%	0%	0%	0%	100% EC	100%
0%	0%	0%	0%	0%	0%	100%	100%

Multiple EC

0%	0%	0%	0%	100% EC	100%	100% EC	100%
0%	0%	0%	0%	100%	100%	100%	100%

WEC

100% EC	100%	100% EC	100%	100% EC	100%	100% EC	100%
100%	100%	100%	100%	100%	100%	100%	100%

(WHOLE RUN ON EMERGENCY CIRCUIT)

100% EC	100%	100%	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%	100%	100%

(WHOLE RUN ON EMERGENCY CIRCUIT NLTAIR2/NLIGHT PP IN FIRST FIXTURE)

100%	100%	100% EC	100%	100%	100%	100%	100%
100%	100%	100%	100%	100%	100%	100%	100%

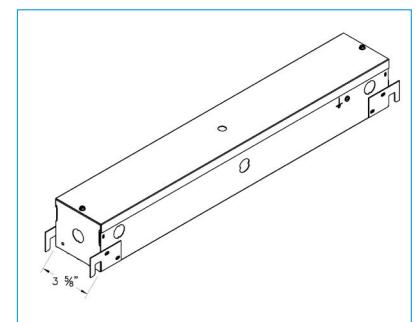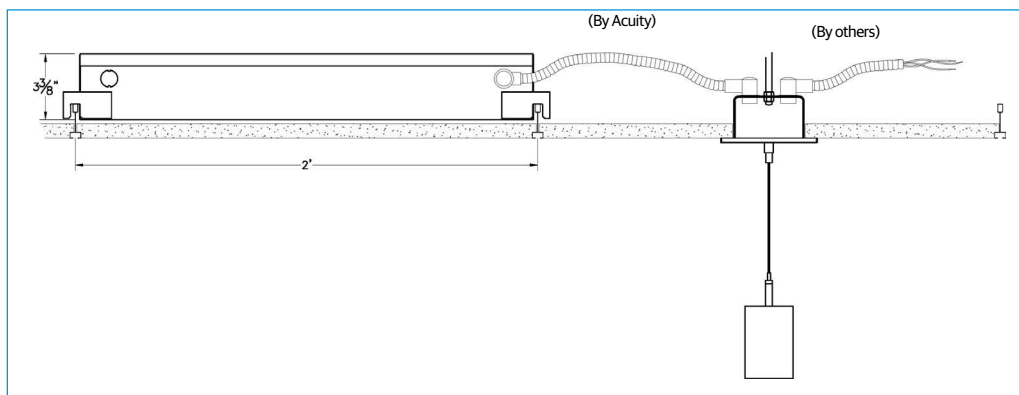(WHOLE RUN ON EMERGENCY CIRCUIT NLTAIR2/NLIGHT PP IN SECOND FIXTURE)

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.

(By Acuity) (By others)

3³⁄₈"

2'

3 ⁵⁄₈"

Accessible Ceiling

MARK
ARCHITECTURAL LIGHTING™

Slot 2
Wall Direct/Indirect

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

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 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

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.