# SLOT 4

PENDANT INDIRECT/DIRECT
TUNABLE WHITE

HIGHLIGHTS

- 600 to 3000 total lumens per foot
- 300 to 1500 lumens per foot Direct or Indirect
- 4 direct distributions: Lambertian, Batwing, Wall Wash Wall Graze
- 3 indirect distributons: Lambertian, Batwing 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
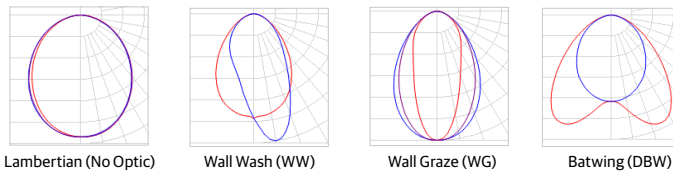
DIMENSIONS

See page 5 for additional details.
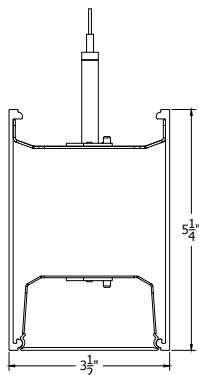
FIXTURE PERFORMANCE

	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 Wash (WW)   Wall Graze (WG)   Batwing (DBW)

INDIRECT DISTRIBUTION

Lambertian (No Optic)   Batwing (BW)   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)

S4PID PENDANT TUWH 08/15/24

Page 1

MARK ARCHITECTURAL LIGHTING™

SLOT 4
Pendant Indirect/Direct Tunable White
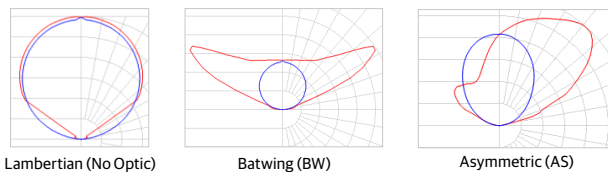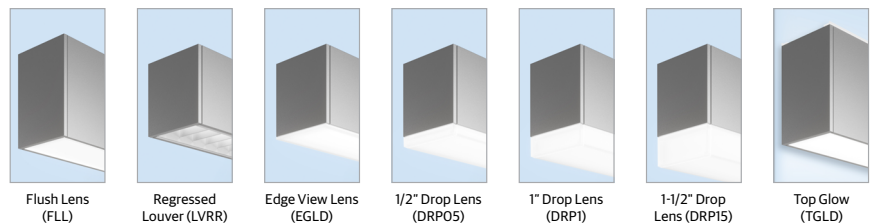
ORDERING

Example: S4PID LLP 32FT MSL8 90CRI TUWH RHYR 800LMF I90CRI I1200LMF DARK FLL SCT MVOLT WHTT NLT F1/36A RDCY WHTCY WCRD

Series

S4PID	Slot 4 Pendant Indirect/Direct (Formerly S4LID)

Linear Plan

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

Total Run Length

_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.

Max Section Length

MSL4	4FT Length
MSL6	6FT Length
MSL7	7FT Length
MSL8	8FT Length

Direct Light Source Color Rendering

80CRI	80 CRI
90CRI	90 CRI

Direct Dynamic Feature

TUWH	Tunable White

Direct Dynamic Range

RHYR	Rhythm Range (2700K-6500K)

Direct 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

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

Direct Distribution options are only available with FLL lens.

Indirect Light Source Color Rendering

I80CRI	80CRI
I90CRI	90CRI

Indirect Light Output

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

Indirect Distribution

(blank)	Lambertian
BW	Batwing Distribution
AS	Asymmetrical Distribution

Indirect Distribution options are only available in whole foot increments. They are not available with GTD.

Switching

SCT	Single Circuit
DCT[1]	Dual Circuit

1. DCT is not available on fixtures under 4'.

Minimum Dimming Level

DARK	Constant Current, Dimming To 0.1%

Direct Shielding

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 only available in whole foot increments
2. EGLD is 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.

Indirect Shielding

(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.

Voltage

MVOLT	Multi-Volt, 120-277
120	120V
277	277V

Finish

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. Click here for more information on our paint finishes.

Emergency Options

(blank)	No Emergency Options
WEC	Emergency Circuit for Entire Run
_EC	# of Emergency Circuits
GTD[1]	Generator Transfer Device (Remote mounted)

1. GTD is remote mounted. (See more information on page 9.) GTD is not available with MVOLT..

Control Input

NLT	nLight nTune Device

For additional ordering assistance consult "Intelligent Luminaire Technology Guide" on page 7.

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.

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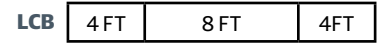
LSL- Linear Same Length:
In this configuration, each segment is the same length and is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length and there are mathematical limitations on what overall row lengths can be achieved.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

LSL	4FT	4FT	4FT	4FT	4FT
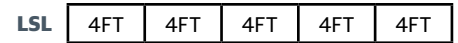
Total Run Length
This system is not modular. Runs longer that 8FT will be automatically configured with left, intermediate and right sections, based on how you specify the TOTAL RUN LENGTH and MAXIMUM SECTION LENGTH parameters in the ordering information. Always order the total run length, not the individual sections.
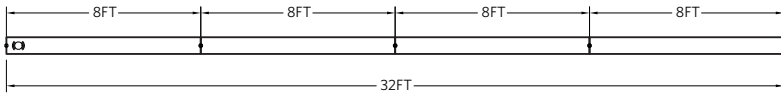
Example: This run must be ordered as 1pc "S4PID LLP 32FT MSL8…"
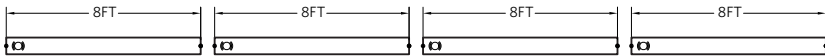
Example: If you order as 4pcs "S4PID LLP 8FT MSL8… you will receive these INDIVIDUAL sections that cannot be joined together

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.
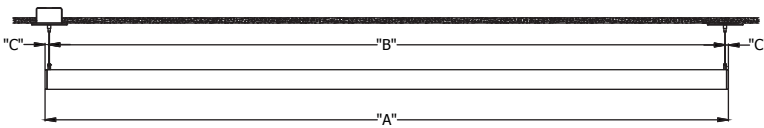
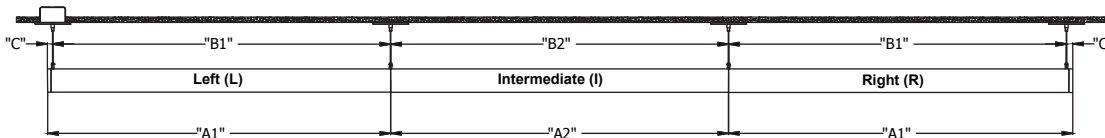Examples:
S4PID LLP 21FT MSL5… = 5FT / 4FT / 4FT / 4FT / 4FT
S4PID LLP 21FT MSL6… = 6FT / 6FT / 5FT / 4FT
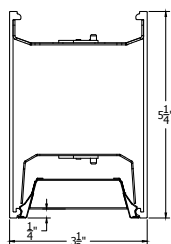S4PID LLP 21FT MSL7… = 7FT / 7FT / 7FT
S4PID LLP 21FT MSL8… = 8FT / 8FT / 5FT

INDIVIDUAL FIXTURES				
ORDERED LENGTH	"A" O.A.L.	"B" O.C.	"C" FROM END	APPROX. WEIGHT
4FT	4'- 0 9/16"	3'- 11 13/16"	3/8"	5.52
6FT	6'- 0 9/16"	5'- 11 13/16"	3/8"	8.28
7FT	7'- 0 9/16"	6'- 11 13/16"	3/8"	9.66
8FT	8'- 0 9/16"	7'- 11 13/16"	3/8"	11.04

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"	5.52
6FT	6'- 0 1/4"	6'-0"	5'- 11 15/16"	6'-0"	3/8"	8.28
7FT	7'- 0 1/4"	7'-0"	6'- 11 15/16"	7'-0"	3/8"	9.66
8FT	8'- 0 1/4"	8'-0"	7'- 11 15/16"	8'-0"	3/8"	11.04

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SLOT 4
Pendant Indirect/Direct
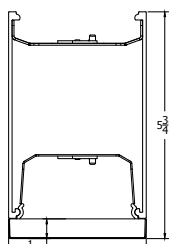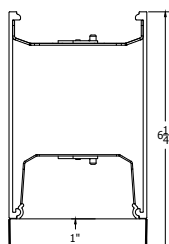Tunable White

SHIELDING, OPTICS & CONNECTORS
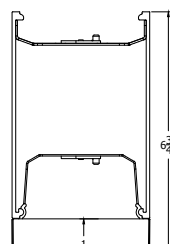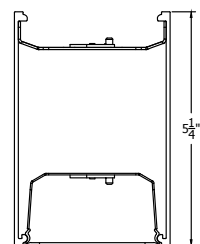
Direct Shielding

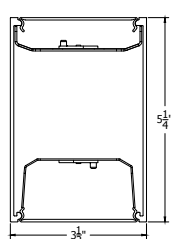LOUVER
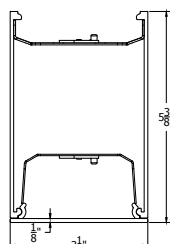
EDGE GLOW LENS

1/2" DROP LENS

1" DROP LENS
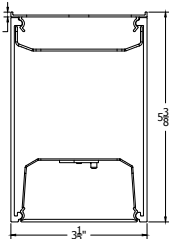
1-1/2" DROP LENS

Direct Optics

CO-EXTRUDED LENS

Optical Film
(Batwing (DBW),
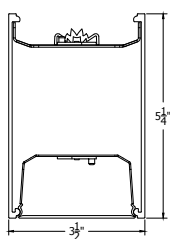Wall Graze (WG),
Wall Wash (WW))

Indirect Shielding

DUST COVER

TOP GLOW

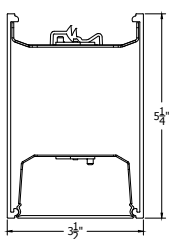### Indirect Optics

INDIRECT
BATWING

INDIRECT
ASYMMETRIC

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SLOT 4
Pendant Indirect/Direct
Tunable White

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

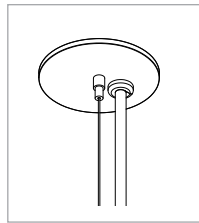**MCS** MCS canopy supplies 5" canopy to match feed point canopy size. Matching canopy at support for aesthetics.

PIF Feed cord installed in fixture.

Power Feed
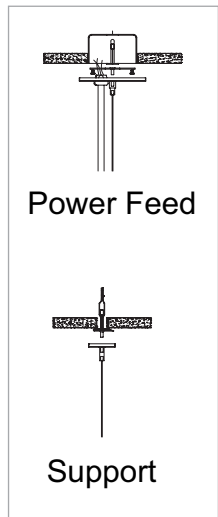
Support

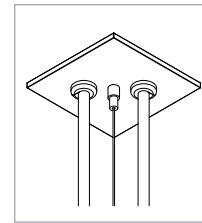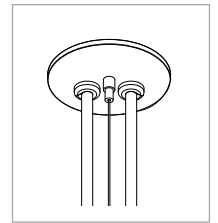**Mounting with Feed (SPSW1FK)**
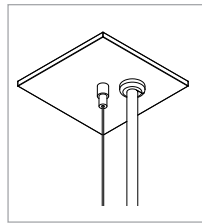
5" Square

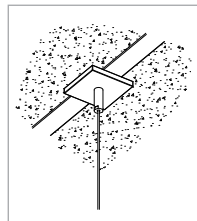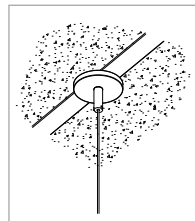5" Round

Mounting with Dual Feed (SPSW2FK)

5" Square

5" Round

Mounting Support (SPSWSK)

2" Square

2" Round

MCS Option

5" Square
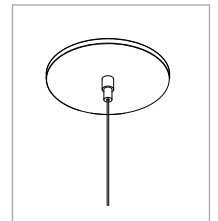
5" Round

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SLOT 4
Pendant Indirect/Direct
Tunable White
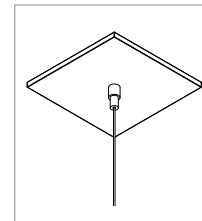
INTELLIGENT LUMINAIRE TECHNOLOGY GUIDE

	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

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	
Wall Switches	**Model Number**
On/Off two pole & Raise/Lower CCT	nPODMA 2P DX CCT (color)
On/Off, 4 scene control, Dimming, TUWH	nPODMA 4S DX EDUTW (color)
On/Off, 4 scene control, TUWH	nPODMA 4S EDUTW (color)
Graphic Touchscreen	nPOD TOUCH (color)

EMERGENCY OPTIONS

Emergency Circuits

(WHOLE RUN ON EMERGENCY CIRCUIT)

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

(WHOLE RUN ON EMERGENCY CIRCUIT NLTAIR2/NLIGHT PP IN SECOND FIXTURE)
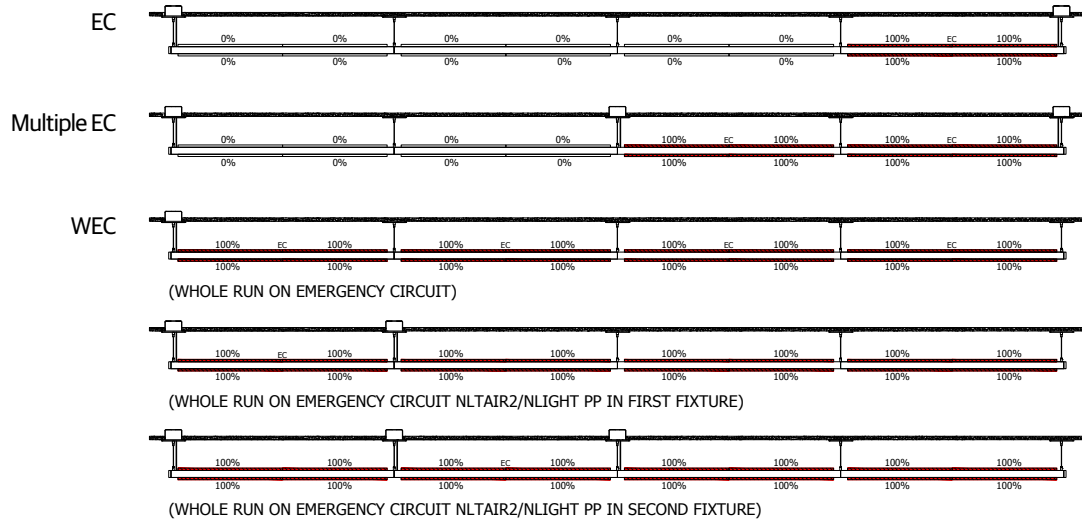
How to Estimate Delivered Lumens in Emergency Mode
Use the formula below to estimate the delivered lumens in emergency mode
Delivered Lumens = 1.25 x P x LPW
P = 10W for PS1055LCP
LPW = Lumen per watt rating of the luminaire This information is available on page 1 of this spec sheet or appropriate IES 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.

Accessible Ceiling

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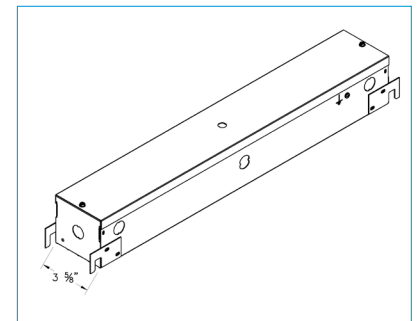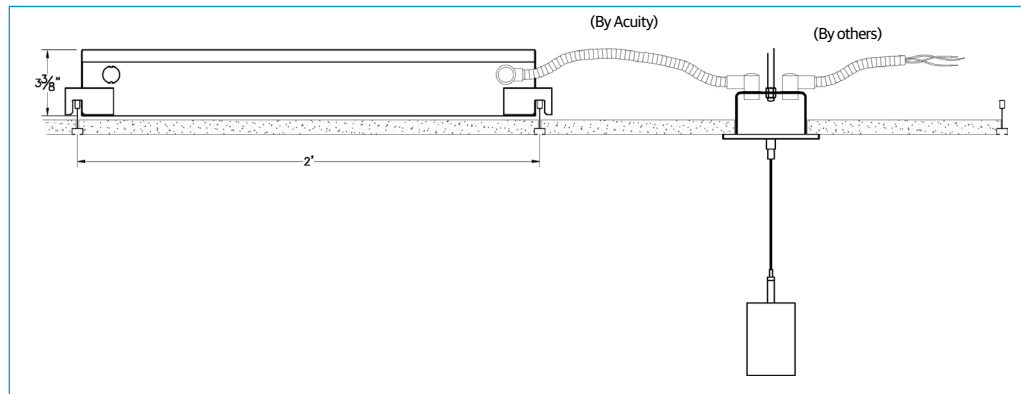
SPECIFICATIONS

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 (WG) and Wall Graze (WG distributions options incorporate co-extruded lenses and films. Direct Batwing (BW) distributions incorporate films and extruded lenses. Indirect batwing (BW) and 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 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 circuit options available. Dual circuit 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 operation of 90 minutes. 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
1.38 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.