NULITE

R1 **LA Series**
LP14-B

Pendant
BI-DIRECT Light Distribution

The LA Series is a low profile linear lighting system outfitted with precision discrete LED optics. The optical system is designed to focus direct light into specific areas of a space creating dramatic contrast without introducing high angle glare with it's baffle design.

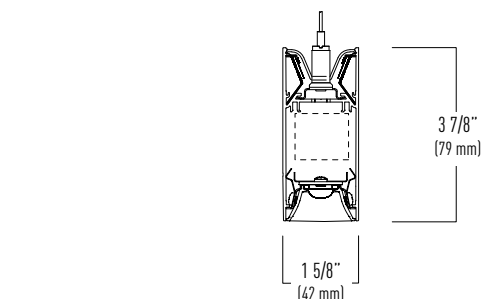- *Extruded aluminum housing and die cast aluminum end caps*
- *Discrete optical system offers three beam patterns: 35º, 50º, 80º*
- *Configure into linear rows, complex patterns and individual geometric shapes*
- *Tool free installation with engineered spring latch design*
- *Intelligent wireless technology inside from premier connected lighting partners*
- *Available in 3 standard paint finishes and an array of wood grain finishes*

Standard Individual Fixture Lengths*

2' [609 mm] — 16 Cells
3' [914 mm] — 24 Cells
4' [1219 mm] — 32 Cells
5' [1524 mm] — 40 Cells
6' [1828 mm] — 48 Cells
7' [2133 mm] — 56 Cells
8' [2438 mm] — 64 Cells

3 7/8" (79 mm)

1 5/8" (42 mm)

* Dimensions represent fixture body length, add 1/4" for overall fixture dimension that includes both end caps

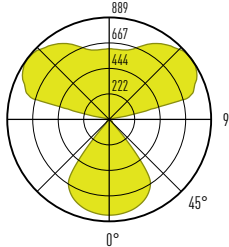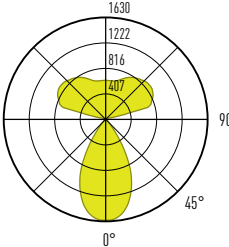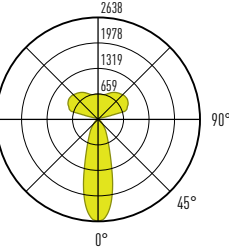## ORDERING INFORMATION / Example: LP14-B-35W-05-L35-U-D-11-EW-T1-B-048-8-WLX

LP14-B

SERIES	DIRECT OPTICS	LUMENS / DOWN[1]	LUMENS / UP[1]	CRI/ CCT	VOLTAGE	DRIVER	CIRCUITING / EMERGENCY OPTIONS[2]		
LP14-B- Pendant Linear LED Luminaire System.	**35B**-35° spot black baffle **35W**-35° spot white baffle **50B**-50° flood black baffle **50W**-50° flood black baffle **80B**-80° wide flood black baffle **80W**-80° wide flood white baffle	**03** - 300 lm/ft **05** - 500 lm/ft **08** - 800 lm/ft	**03** - 300 lm/ft **05** - 500 lm/ft **08** - 800 lm/ft **10** - 1000 lm/ft **13** - 1300 lm/ft	**H30** - 90 CRI, 3000K **H35** - 90 CRI, 3500K **H40** - 90 CRI, 4000K	**U** - Universal **1** - 120V **2** - 277V	**Dimming 0–10V** **D** - Dim to 1% (Standard) **D0** - Dim to 1%, Fade to Off **D02** - Eldoled Solodrive, Dim to 0% **LUTRON** - See options on page 2 **DALI Dimming** **ELE** - Eldoled Ecodrive, Dim to 1% **ELS** - Eldoled Solodrive, Dim to 0%	**Qty of Power Circuits** **1** - 1 Circuit **2** - 2 Circuits	**Qty of Control Circuits** **1** - 1 Circuit **2** - 2 Circuits	**Options** **B6** - 6 Watt Battery Pack **B10** - 10 Watt Battery Pack **CEC** - CEC Compliant (10 Watt Battery Pack) **GTD** - Generator Transfer Device (120V or 277V) **EM** - Dedicated Emergency Circuit

FIXTURE FINISH	MOUNTING			LINEAR ROWS	INDIVIDUAL SHAPES[3]		OPTIONS
WH -White Painted Finish **SV**- Silver Painted Finish **BK**- Black Painted Finish **CC**- Custom Color **AG** - Two Tone Ash Gray Wood Grain **BG** - Light Black Gunstoack Wood Grain **EW** - Ebony Walnut Wood Grain **ST** - Delicate Straight Wood Grain	**Ceiling Type** **T1**-Aircraft Cable to 1" Grid **T9**- Aircraft Cable to 9/16" Grid **TS**-Aircraft Cable to Slotted Grid **SR**-Aircraft Cable to Structure	**Mounting Hardware Finish** **W** -White Canopies and Cord **B**- Black Canopies and Cord	**Suspension Length** **048** - 48" Adjustable Aircraft Cable **120** - 120" Adjustable Aircraft Cable **240** - 240" Adjustable Aircraft Cable	**2** - 24"(**3** - 36" **4** - 48" **5** - 60" **6** - 72" **7** - 84" **8** - 96" **XX** - Specify continuous run lengths in 1' increments	**SQ6**-6' Square **SQ5**-5' Square **SQ4**-4' Square **SQ3**-3' Square **TR6**-6' Triangle **TR5**-5' Triangle **TR4**-4' Triangle **TR3**-3' Triangle	**Y3**-3' Leg Y-Shape **Y2**-2' Leg Y-Shape **X3**-3' Leg X-Shape **X2**-2' Leg X-Shape	**DG**-Dust Guard **WLX**- Wavelinx (Copper Lighting Solutions) integral sensor **NX**- NX (Hubbel) integral sensor **NLT**- nLight (Acuity Brands) integral sensor **LV**-Vive (Lutron) integral sensor **ENL**-Enlighted integra

NOTES:
1. Nominal lumen output for 3500K, 80 CRI
2. Battery pack and emergency circuit requires a minimum fixture length of 4'
3. Refer to page 5 for drawings and details related to individual geometric fixture shapes
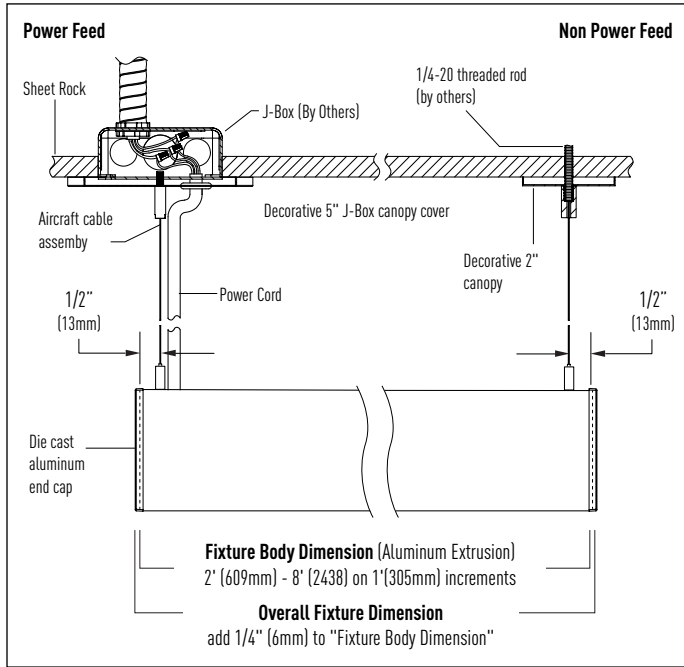
PHOTOMETRICS

		Report #: ITL94686(Mod) 3500K / 80 CRI 1100 lumens per ft 80° optic / White Baffle			Report #: ITL94685(Mod) 3500K / 80 CRI 1100 lumens per ft 50° optic / White Baffle			Report #: ITL94684(Mod) 3500K / 80 CRI 1100 lumens per ft 35° optic / White Baffle		
Light Direction	**Light Level**	**Lumens per ft**	**Watts per ft**	**Lumens per watt**	**Lumens per ft**	**Watts per ft**	**Lumens per watt**	**Lumens per ft**	**Watts per ft**	**Lumens per watt**
Direct	03	300	35.9	123	300	35.6	123	300	36.5	120
Indirect	08	800			800			800		
		Max luminance: 9621			Max luminance: 720			Max luminance: 4543		
		Max UGR: 6.4			Max UGR: 5.1			Max UGR: 5.2		

DRIVER INFORMATION

NULITE CAT#	DRIVER MANUFACTURER / SERIES	DIMMING / CONTROL PROTOCOL	DIM RANGE	NOTES/ DESCRIPTION
D	Signify Xitanium, Osram OTI	0-10v	100% -1%	Standard Nulite driver, base fixture price
D0	Signify Xitanium, Osram OTI	0-10v	100%- 1% (Steps from 1% to 0% or OFF)	Standard Nulite driver, base fixture price
D02	Eldoled Solodrive	0-10v	100% - 0%	Logarithmic Dimmng Curve
L11	Lutron Hi-Lume Premier (PEQ0E) Max lumen package 03	0-10v	100% - 0.1%	Hi-lume Premier 0.1% EcoSyetem LED driver with Soft-on, Fade-to-Black dimming technology
L15	Lutron Hi-Lume Series (LDE1)	0-10v	100% - 1%	Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology
ELE	Eldoled Ecodrive	DALI	100% - 1%	Logarithmic Dimming Curve
ELS	Eldoled Solodrive	DALI	100% -0%	Logarithmic Dimming Curve

CEILING MOUNTING DETAILS

Inaccessible Ceilings (Sheet Rock Typical)

Power Feed   **Non Power Feed**

Sheet Rock

J-Box (By Others)

1/4-20 threaded rod (by others)

Aircraft cable assemby

Decorative 5'' J-Box canopy cover

Decorative 2'' canopy

1/2'' (13mm)

Power Cord

1/2'' (13mm)

Die cast aluminum end cap

Fixture Body Dimension (Aluminum Extrusion)
2' (609mm) - 8' (2438) on 1'(305mm) increments

Overall Fixture Dimension
add 1/4'' (6mm) to "Fixture Body Dimension"

Acoustical Tile Grid Ceilings

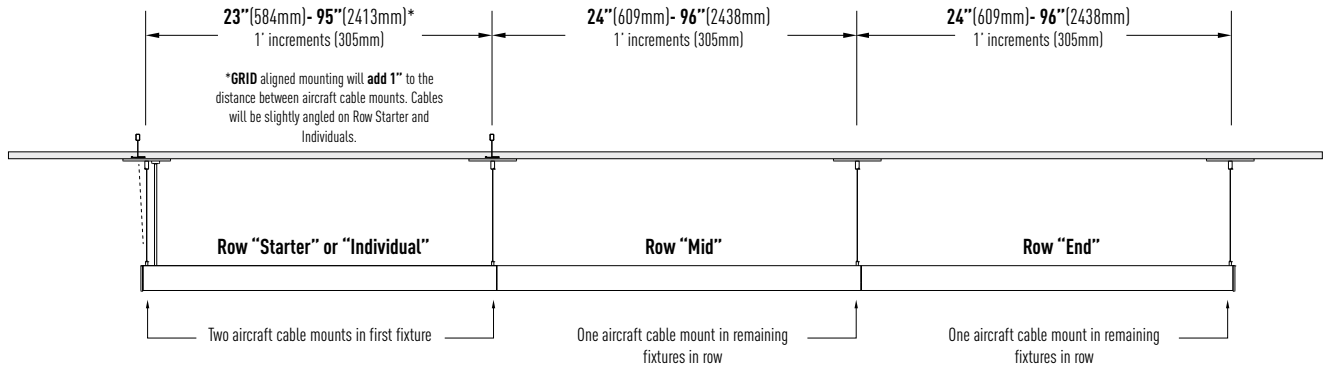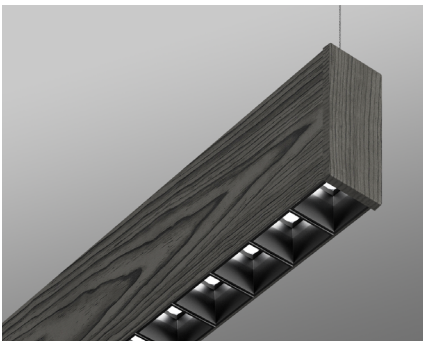**Power Feed**   **Non Power Feed**

Tie-Wire (by others)

Grid Mounted J-Box (By Others)

Grid-Clip (by others)

Grid-Clip (by others)

Ceiling Grid

Decorative 5'' J-Box canopy cover

1/2'' Threaded EMT fitting (by others)

Acoustical Ceiling Tile

Decorative 2'' canopy

Aircraft cable assemby

Power Cord

T1
15/16'' Grid

T9
9/16'' Grid

TS
Slot Grid
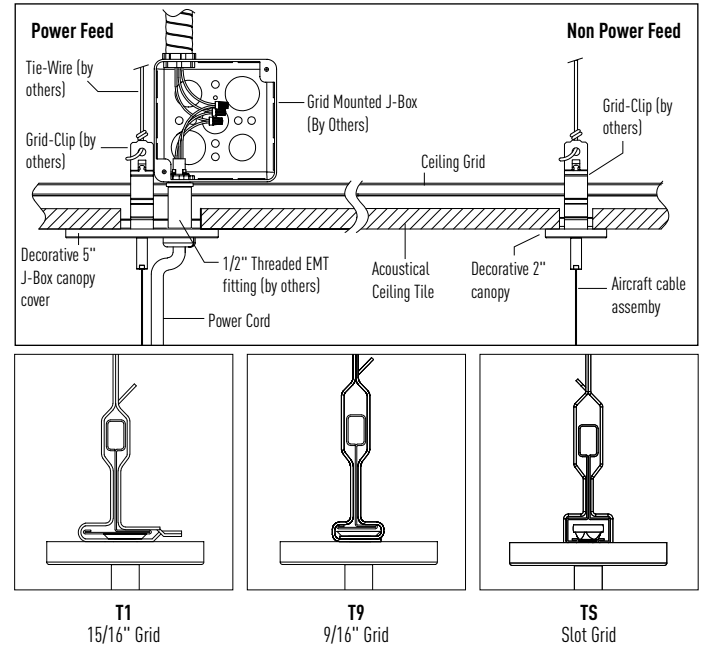
ROW LAYOUT DETAILS

REFERENCE DIMENSIONS FOR AIRCRAFT CABLE FIXTURE SUSPENSION MOUNTS

23''(584mm)**- 95''**(2413mm)*
1' increments (305mm)

24''(609mm)**- 96''**(2438mm)
1' increments (305mm)

24''(609mm)**- 96''**(2438mm)
1' increments (305mm)

****GRID** aligned mounting will **add 1''** to the distance between aircraft cable mounts. Cables will be slightly angled on Row Starter and Individuals.

Row "Starter" or "Individual"

Row "Mid"

Row "End"

Two aircraft cable mounts in first fixture

One aircraft cable mount in remaining fixtures in row

One aircraft cable mount in remaining fixtures in row

WOOD GRAIN FINISH

The LA Series is available in four standard wood grain (hydro-dipped) finishes to create visually stunning lighting installations. This option carries an upcharge and addtional lead time, consult your local sales agent for more information.

AG - Two-Tone Ash Gray Wood Grain
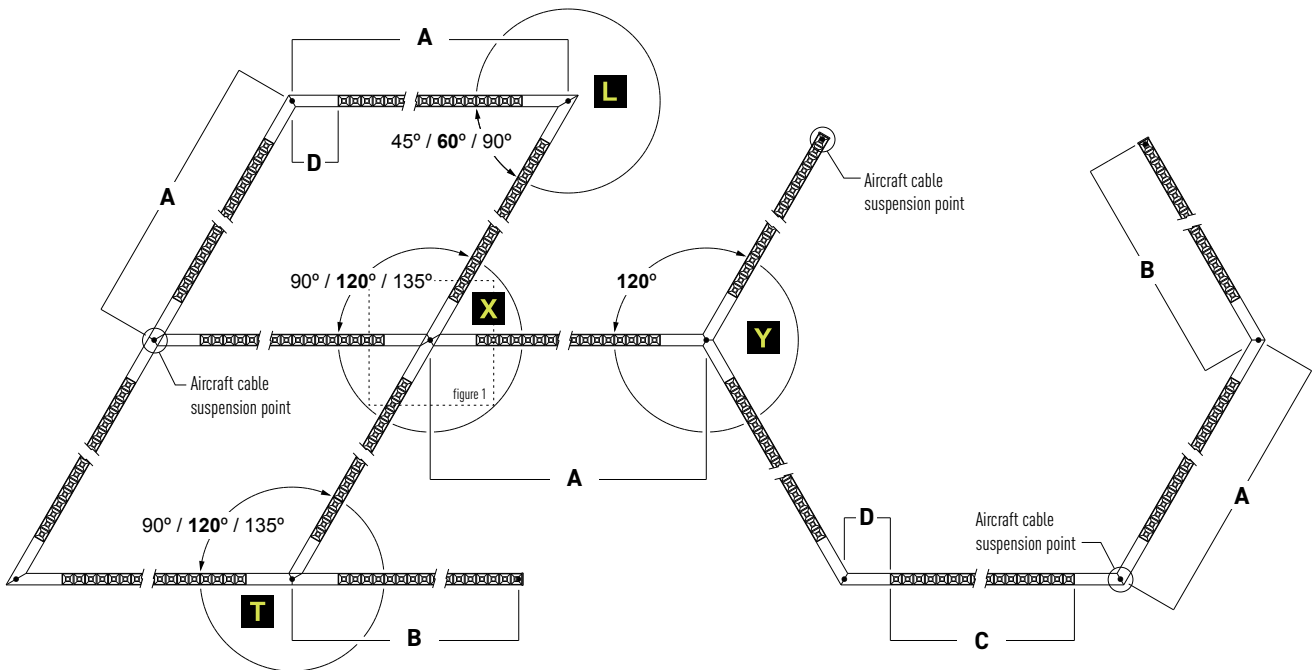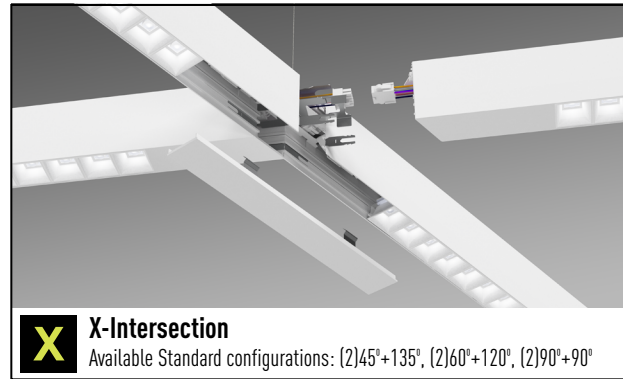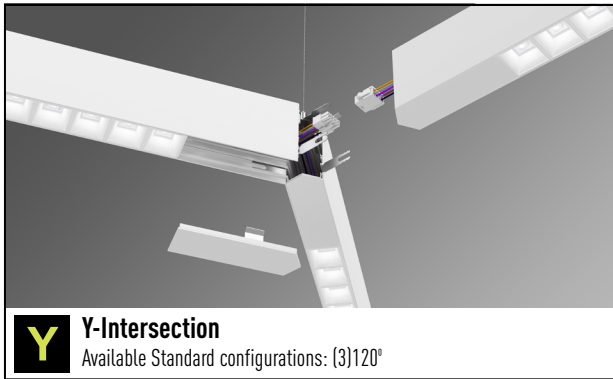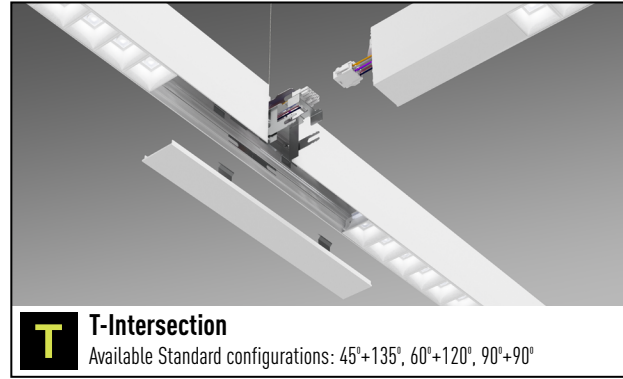
EW - Ebony Walnut Wood Grain

ST - Delicate Straight Wood Grain

BG - Light Black Gunstock Wood Grain

STANDARD "PATTERN" LAYOUT OPTIONS

L L-Intersection (Corner)
Available Standard configurations: 45°, 60°, 90°, 120°,135°

T T-Intersection
Available Standard configurations: 45°+135°, 60°+120°, 90°+90°

Y Y-Intersection
Available Standard configurations: (3)120°

X X-Intersection
Available Standard configurations: (2)45°+135°, (2)60°+120°, (2)90°+90°
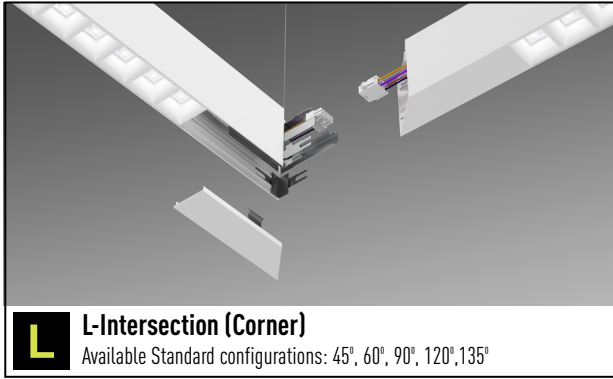
	Description	Notes
A	**Linear Section** (Intersections on 2 sides)	Specify distance between aircraft cable suspension points in 1' (305mm) increments from 2' (610mm) to essentially any length.
B	**Linear Section** (Intersection on 1 side)	Specify distance between aircraft cable suspension points in 1' (305mm) increments from 2' (610mm) to essentially any length, then subtract 1/2" (13mm)
C	**Discrete Optic Baffle length**	The baffle-optic is only available in 1' (305mm) increments, (8 LED cells per foot)
D	**Minimum Distance from baffle to mounting point**	The LED baffle/optic may not be less than 6" (152mm) from a suspension point. For standard product patterns, the factory will determine appropriate baffle length and this will be detailed in submittal drawings for approval. Consult factory for custom configurations
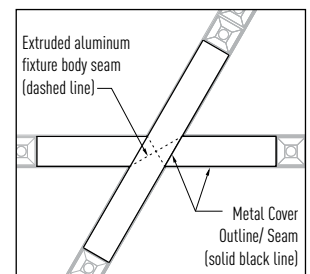
figure1

STANDARD INDIVIDUAL SHAPES

The LA Series is available in an array of individual fixture shapes that ship fully assembled as and individual unit.

Ordering Example: LP14-B-35B-05-05-L40-D-11-WH-T1-W-048-**SQ4**

Squares

SQ6	72″ (1829mm), 6″ (152mm)
SQ5	60″ (1524mm), 6″ (152mm)
SQ4	48″ (1219mm), 6″ (152mm)
SQ3	36″ (914mm), 6″ (152mm)

Triangles

TR6	72″ (1829mm), 6″ (152mm)
TR5	60″ (1524mm), 6″ (152mm)
TR4	48″ (1219mm), 6″ (152mm)
TR3	36″ (914mm), 6″ (152mm)

Y Shape

Y3	35.5″ (901mm), 12″ (305mm)
Y2	23.5″ (597mm), 12″ (305mm)

X Shape

X3	35.5″ (901mm), 12″ (305mm)
X2	23.5″ (597mm), 12″ (305mm)
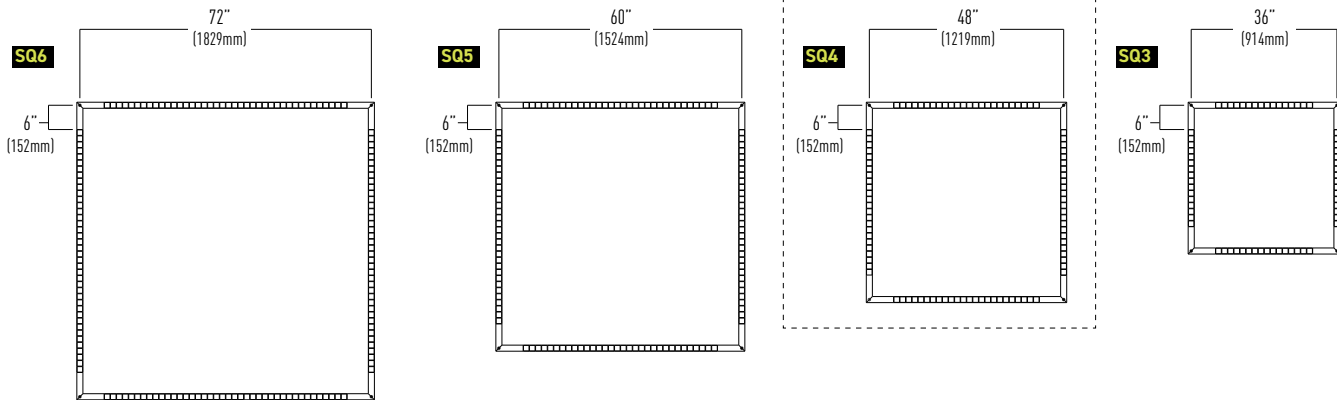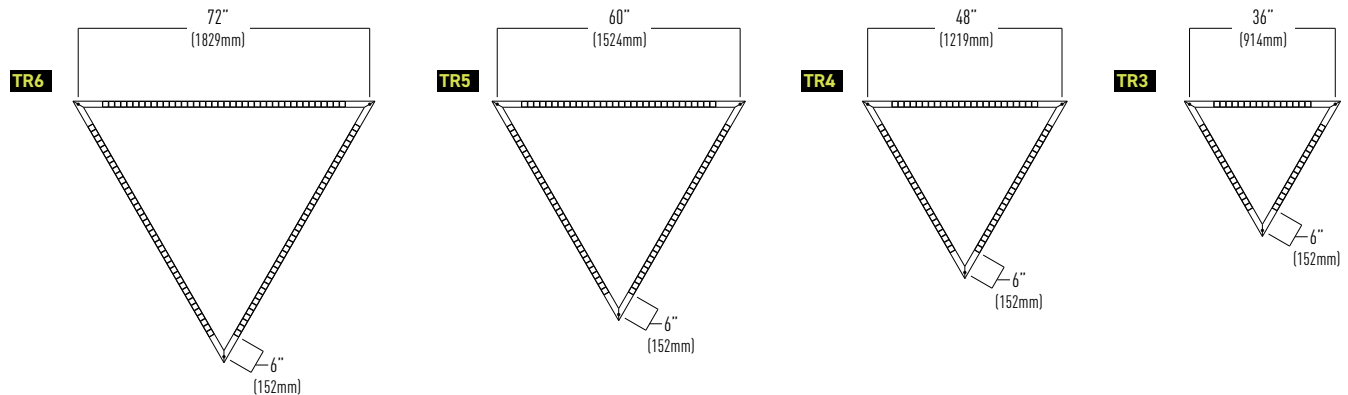
OEM Connected Lighting Partners

Nulite has formed strategic partnerships with premier OEM suppliers of smart lighting control platforms. Nulite's focus is primarily on embedded fixture level smart sensors and power supplies ensuring system operability and code compliance.

Benefits of an OEM Supplier

- Factory trained and certified to assemble and test product operability prior to shipment
- Authorized to purchase components, inventory on hand for shorter lead times compared to non-partners
- UL listed as an entire fixture assembly
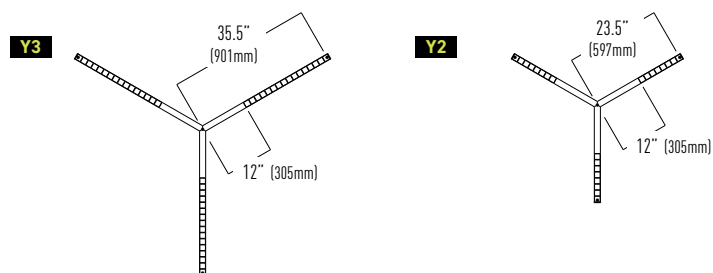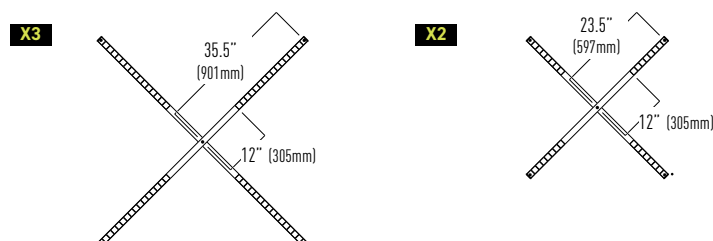
Wavelinx (WLX)
Cooper Lighting Solutions

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
Wavelinx Ambient Integrated Sensor, 8-15ft (2.4-4.6m)	OEM-WAA	●			●	●	●	●	●	●	●	●									
Wavelinx Industrial Mount Sensor, White, up to 40ft (4.5 - 12.2m)	OEM-SWPD3-WH	●		●	●	●	●														●
Wavelinx Outdoor Fixture	OEM-SWPD5-WH/BK/BZ	●	●	●	●	●	●							●							

Additional Notes:

- Nulite is OEM certified and authorized to purchase and install Wavelinx components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: LP13-D-35B-05-03-L35-D-1-1-WH-T1-W-048-8-**WLX (OEM-WAA).** This catalog designation merely identifies luminaires that require Wavelinx compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with Wavelinx on these items and build into the price accordingly.
- Nulite's standard 0-10v LED drivers are Signify Xitanium Series, and Osram Optotronic Series

nLight (NL)
Acuity Brands

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	0-10v LEDcode*	DALI LEDcode*	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
Indoor Embedded 360° Motion Sensor	MSD PDT 7**	●						●	●	●	●	●	●	●									
Fixture embedded smartsensor	RES7	●		●			●	●	●	●	●	●	●	●									
Passive infrared occupancy sensor	nES7	●						●	●	●	●	●	●	●									
Dimming Photocell	nES ADCX	●						●		●	●	●	●	●									
nLight AIR Outdoor 360° Embedded Motion Sensor	rMSOD	●		●			●	●	●							●							
Fixture embedded smartsensor for challenging environments	rSBG	●		●	●	●	●	●								●							●
nLight AIR Fixture Mount Sensor	rLSXR	●			●	●	●	●															●

Additional Notes:

- Nulite is authorized to purchase and install nLight components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: LP13-D-35B-05-03-L35-D-1-1-WH-T1-W-048-8-**NL (RES7).** This catalog designation merely identifies luminaires that require NX compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with nLight on these items and build into the price accordingly.
- *Proprietary Acuity Brands LEDcode drivers are required for nLight system programming and operation.
- **The MSD PDT 7 is Nulite's standard wired integral fixture sensor

OEM Connected Lighting Partners

NX (NX)
Distributed Intelligence
Hubbell

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
HubbNET Radio Module	NXRM-H	●			●			●	●	●	●	●									
Low Mount Indoor Sensor Module	NXSM-P-LMI	●			●	●	●	●	●	●	●	●									
OMNI Indoor/Outdoor Sensor Module	NXSM-P-OMNI-O	●		●	●	●	●							●							
Slide Mount Indoor Sensor Module	NSXM-P-SMI	●			●	●	●	●	●	●	●	●									
Low Mount Indoor/Outdoor Sensor Module	NXSM-P-LMO	●		●	●	●	●							●							●
Low Mount Indoor/Outdoor Sensor Module, Aisle Lens	NXSM-P-LMO-4	●		●	●	●	●							●							●
High Mount Indoor/Outdoor Sensor Module	NXSM-P-HMO	●		●	●	●	●														●
High Mount Indoor/Outdoor Sensor Module, Aisle Lens	NXSM-P-HMO-4	●		●	●	●	●														●

Additional Notes:
- Nulite is an OEM certified nX partner and authorized to purchase and install NX components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: LP13-D-35B-05-03-L35-D-1-1-WH-T1-W-048-8-**NX (NXRM-H).** This catalog designation merely identifies luminaires that require NX compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with the Hubbell on these items and build into the price accordingly.
- Nulite's standard 0-10v LED drivers are Signify Xitanium Series, and Osram Optotronic Series

Enlighted (Enl)
A Siemens Company

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
MicroSensor,2-wire Adaptor	KIT-SU-5E-D-*		●		●	●	●	●	●	●	●	●									
High Bay Sensor, 2-wire	SU-5S-2W-H-*		●		●	●	●														●
Ruggedized High Bay, 2-wire, White	SU-5S-2W-HRW-*		●	●	●	●	●														●
Ruggedized Low Bay, 2-wire, White	SU-5S-2W-LRW-*		●	●	●	●	●							●							

Additional Notes:
- Nulite is OEM certified and authorized to purchase and install Enlighted components into their luminaires. All products are fully tested at the factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: LP13-D-35B-05-03-L35-D-1-1-WH-T1-W-048-8-**ENL(KIT-SU-5E-D-*).** This catalog designation merely identifies luminaires that require Enlighted compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with the Enlighted on these items and build into the price accordingly.
- Standard eldoLED Solodrive DALI drivers with integral power supply will be supplied with Enlighted enabled luminaires

Vive (LV)
Lutron

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Integral Fixture Sensors

Item Description	OEM Part #	0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 4	Regolo 6	RZ4	RXT	Pixie	Sottile	Tavo	Sero	Qub	Bounce	INT
Vive Integral Fixture Control with Sensor	DFCSJ-OEM-OCC		●		●	●	●	●	●	●	●	●									
Vive Integral Fixture Control (RF only)	DFCSJ-OEM-RF		●		●			●	●	●	●	●									

Additional Notes:
- Nulite is OEM certified and authorized to purchase and install Lutron components into their luminaires. All products are fully tested at the Nulite factory and each product ships with UL compliance.
- **Ordering Example:** Nulite Catalog #: LP13-D-35B-05-03-L35-D-1-1-WH-T1-W-048-8-**LV(DFCSJ-OEM-OCC).** This catalog designation merely identifies luminaires that require Lutron compatible integral fixture sensors. Additional hardware such as power packs and wiring harnesses are often often required to operate sensors and offer compatibility to the overall control system. Nulite will coordinate with the Lutron on these items and build into the price accordingly.
- Standard eldoLED Solodrive DALI drivers with integral power supply will be supplied with Enlighted enabled luminaires
- Recommended drivers for DFCSJ-OEM-OCC: Lutron Ecosystem, Osram Dexal DALI drivers, or Signify Xitanium DALI drivers

PRODUCT SPECIFICATIONS AND INFORMATION

HOUSING CONSTRUCTION

Fixture body is constructed of powder coat painted extruded aluminum and die cast aluminum end caps. Captive joining mechanism is a combination die formed sheet metal and zinc plated spring steel. All hardware is stainless steel.

LED DISCRETE OPTICAL ASSEMBLY

Replaceable one-piece optical assembly is comprised of an LED PCBA having high power LEDs coupled to clear acrylic TIR optics (35⁰, 50⁰ or 80⁰ beam patterns) and injection molded plastic baffle assembly available in black or white. Square optical light cells are 1.5'' x 1.5''. The sheet metal optical assembly is connected to power via quick wire disconnects. Max length of optical assembly is 4' and minimum length is 1'. Available CCT's are 3000K, 3500K, and 4000K. Also available CRI's are 80 or 90.

STANDARD DIMMING LED DRIVERS

Standard constant current integral electronic 0-10v dimming input. Two standard driver options are available. Option **D** dims to 1% and option **D0** dims to 0% or OFF (the final 1 percent is a "step"). Both options are the same price and representative of the base fixture price. Options **D** and **D0** ship with 5 wires (Line Voltage- Black and White wires, Low Voltage- Purple and Pink wires, Ground- Green wire)

DALI DRIVERS

Standard constant current DALI drivers available in either a dim to 1% **(ELE)** or dim to 0% **(ELS).** DALI fixtures ship with 5 wires(Line Voltage- Black and White wires, Low Voltage- Purple and Pink wires, Ground- Green wire)

LIGHT OUTPUT

For bi-direct luminaires you must specify "direct" light output and "indirect" light output and the factory will tune or program each lighting channel. Available nominal direct or "Lumens Down" light outputs are **(03)** 300 lms/ft, **(05)** 500 lms/ft, and **(08)** 800 lms/ft. Available nominal indirect or "Lumens Up" light outputs are **(03)** 300 lms/ft, **(05)** 500 lms/ft, **(08)** 800 lms/ft, **(10)** 1000 lms/ft, **(13)** 3100 lms/ft. Each circuit or channel may be independently controlled and this can be specified in "circuiting" within the ordering information. Specifying a "2-2" enables independent dimming control of each channel.

CIRCUITING

Each luminaire may have up to 2 line voltage (Power) circuits and 2 low voltage (control) circuits. Two power circuits are required for independent control of uplight and downlight in bi-direct luminaires, and low voltage control circuits are for independent dimming of each circuit.

Examples:

- **"1-1"**- 1 power circuit(Line Voltage) and 1 control circuit (Low Voltage) > 5 wires total (1 Black Wire "Hot", 1 White Wire "Neutral", 1 Green Wire "Ground", and 2 low voltage control wires, 1 Pink wire and 1 purple wire)

- **"2-2"**- 2 power circuits (Line Voltage) and 1 control circuit (Low Voltage) > 9 wires total (2 Black Wires "Hot", 2 White Wires "Neutral", 1 Green Wire "Ground", and 4 low voltage control wires, 2 Pink wires and 2 purple wires)

BATTERY PACKS

Recyclable Ni-Cad battery pack, battery run time is 90 minutes. Recharge time of 24 hours. 6W or 10W battery packs are available. To calculate Battery Lumen Output, multiply luminaire efficacy by battery wattage. (example: 120 lms/watt **(120) x B10** Battery Wattage **(10)** = **1200** lumens of egress illumination for 90 minutes.) Battery option not available in fixtures less than 4', and other limitations apply, consult factory. Entire "direct" fixture housing is energized by battery for lengths up to 5'. Half of direct fixture is energized by battery for 6' - 8' housing lengths. Emergency or night light circuit available (requires addtional power circuit). Battery fixtures ship with an additional orange "constant hot" wire.

GENERATOR TRANSFER DEVICES

The GTD emergency lighting control device senses the loss of normal power and switches the AC driver input power connection to an unswitched, generator (or central inverter) supplied lighting circuit. GTD fixtures ship with 3 additional wires (orange wire "constant hot", black-red wire "generator hot", white-red wire "generator neutral").

FIXTURE FINISHES

Standard finish is powder coat painted white **(W)**, black **(B)** or silver **(S)**. Consult factory for custom **(CC)** RAL colors price and availability. Fixture is also available in an array of hydro-dipped wood grain finishes. Addtional price and set-up charges apply and lead time may be longer, consult factory.

INSTALLATION AND MOUNTING

The LP14B is designed to be pendant mounted by aircraft suspension cable in individual, continuous row and complex pattern configurations. LR13D may be specified to mount to acoustical grid, sheet rock, and structural ceiling surfaces. Refer to installation instructions at www.nulite-lighting.com for details.

FIXTURE LENGTHS - LINEAR ROWS

Standard fixture lengths for individual or continuous row mounting are available in exact 1'(305mm) increments from 2' (610mm) to 8' (2438mm). Consult factory for custom lengths, limitations apply.

STANDARD PATTERN LAYOUTS

The LA series may be configured into geometric patterns. Mitered housings may be configured into corners, X-intersections, T-Intersections and 120 degree "Y" patterns. Standard mitered angles of 45⁰, 60⁰, 90⁰, 120⁰, and 135⁰ can be utilized to create an unlimited array of designs and layouts. Consult factory for custom angles. The submittal drawing (shop drawing) furnished by Nulite will adequately detail these configurations and sign-off is required to initiate production.

WARRANTY

5-year limited warranty on LED and driver from date of shipment. Refer to the full warranty details on www.nulite-lighting.com/products/184.

WEIGHT

Fixtures are1.5 lbs/ft, Driver box weights vary, consult factory.

APPROVALS

ETL listed, conforms to UL Standard 1598 / 8750 and CSA Standard C22.2, indoor dry/damp locations.

TESTING PROTOCOLS AND DATA

All of Nulite's LED components have been tested under **LM-80** guidelines insuring 6000 hours of luminous flux data. Additionally Nulite can supply **LM-79** data on all luminaires. This data includes luminous flux, electrical power, efficiency, chromaticity as well as the diffusion of luminous intensity.

LUMEN MAINTENANCE

90% of initial light output (L90) at 100,000+ hours, 70% of initial light output (L70) at 200,000+ hours.