

Regolo RP11-V








Pendant
INDIRECT
Light Distribution

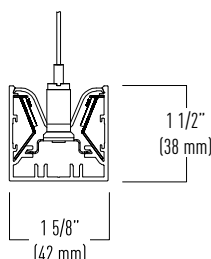


Regolo1 creates ideal lighting conditions for a multitude of spaces. Offered in 1.5-inch in direct, bi-direct, and indirect light distributions with various mounting options, the Regolo1 naturally integrates into countless environments.

- Extruded aluminum housing and die cast aluminum end caps
- 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)	
3' (914 mm)	
4' (1219 mm)	
5' (1524 mm)	
6' (1828 mm)	
7' (2133 mm)	
8' (2438 mm)	

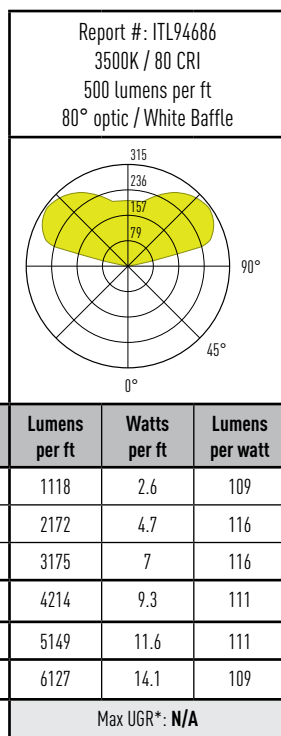


ORDERING INFORMATION / Example: RP11-V-13-H40-U-D-11EM-FF-WH-T1-W-120-8

RP11-V						
SERIES	SHIELDING	LUMEN PACKAGE	CRI/ CCT	VOLTAGE	DRIVER	CIRCUITING / EMERGENCY OPTIONS
RP11-V - Regolo 1.625" Wide, 1.5" Tall Indirect Remote Pendant	DG - Dust Guard (Optional)	03 - 250 lm/ft 05 - 500 lm/ft 08 - 750 lm/ft 10 - 1000 lm/ft 13 - 1250 lm/ft 15 - 1500 lm/ft XX	L30 - 80 CRI, 3000K L35 - 80 CRI, 3500K L40 - 80 CRI, 4000K 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) DO - Dim to 1%, Fade to Off D02 - Eldoed Solodrive, Dim to 0% LUTRON - See options on page 2 DALI Dimming ELE - Eldoed Ecodrive, Dim to 1% ELS - Eldoed 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 B10 - 10 Watt Battery Pack (CEC Compliant) B15 - 15 Watt Battery Pack (CEC Compliant) GTD - Generator Transfer Device (120V or 277V) EM - Dedicated Emergency Circuit

FIXTURE FINISH	MOUNTING		LINEAR ROWS	INDIVIDUAL SHAPES	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 Gunstock Wood Grain EW - Ebony Walnut Wood Grain ST - Delicate Straight Wood Grain	Ceiling Type (Remote Driver Power Supply) T1 -1" Ceiling Grid, Aircraft Cable Suspension (Remote "Grid" Driver Enclosure) T9 - 9/16" Ceiling Grid, Aircraft Cable Suspension (Remote "Grid" Driver Enclosure) TS -Slot Ceiling Grid, Aircraft Cable Suspension (Remote "Grid" Driver Enclosure) SR -Structure Mount, Aircraft Cable Suspension GP -5 5/8" Canopy Integrated Power Supply, for Inaccessible Ceilings or Grid ceilings (with the assistance of bar hangers), Aircraft Cable Suspension */DC - Dual Cable individual Mount (add to suffix to SR i.e. " SRL-DC ")	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 <small>- Specify continuous run lengths in 1" increments</small>	2 - 24" 3 - 36" 4 - 48" 5 - 60" 6 - 72" 7 - 84" 8 - 96" XX <small>- Specify continuous run lengths in 1" increments</small>	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 (Cooper Lighting Solutions) integral sensor NX - NX (Hubbel) integral sensor NLT - nLight (Acuity Brands) integral sensor LV -Vive (Lutron) integral sensor ENL -Enlighted Integral Sensor

PHOTOMETRICS



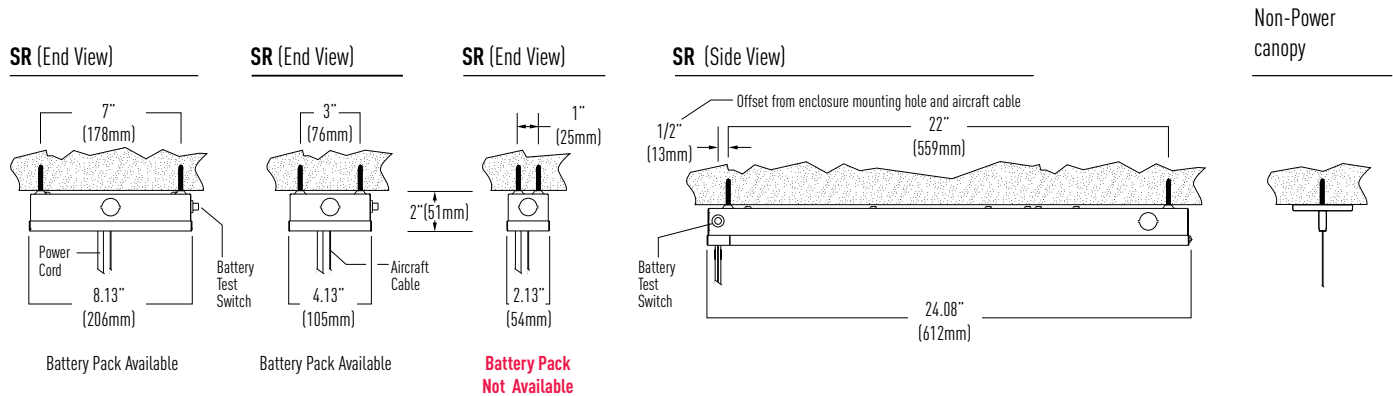
DRIVER INFORMATION

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 Dimming Curve
L11	Lutron Hi-Lume Premier (PEQ0E) Max lumen package 03	0-10v	100% - 0.1%	Hi-lume Premier 0.1% EcoSystem 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

INSTALLATION AND MOUNTING DETAILS

Surface Mount Driver Enclosures

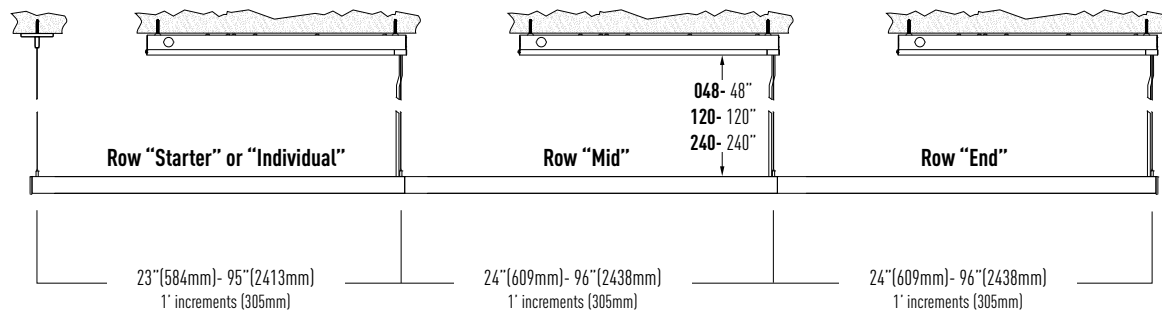
Ceiling Options SR



Row Layout Guidelines

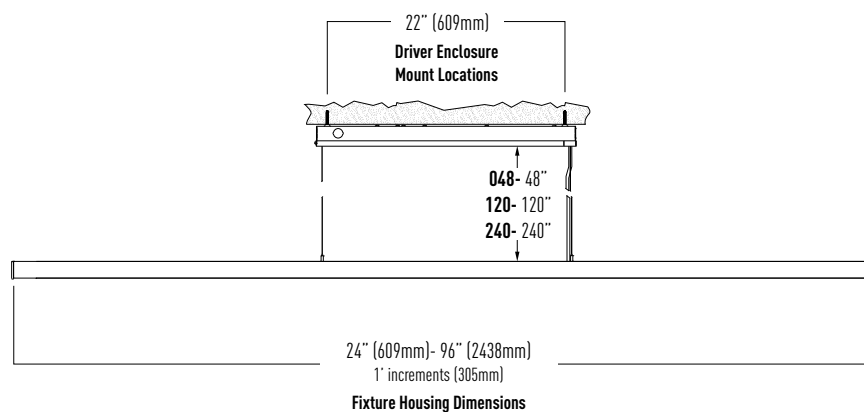
Ceiling Options SR

DIMENSIONS FOR AIRCRAFT CABLE SUSPENSION MOUNT LOCATIONS



Dual Cable Individual Mounting

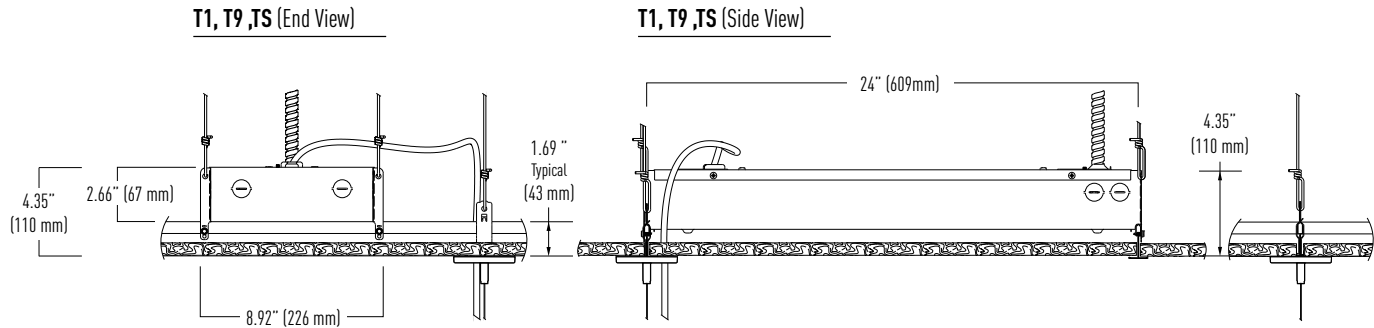
Ceiling Options SR-DC



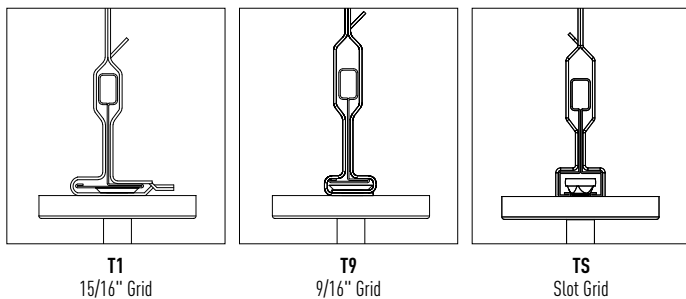
INSTALLATION AND MOUNTING DETAILS

Recessed Grid Ceiling Remote Driver Enclosure

Ceiling Options T1, T9, and TS



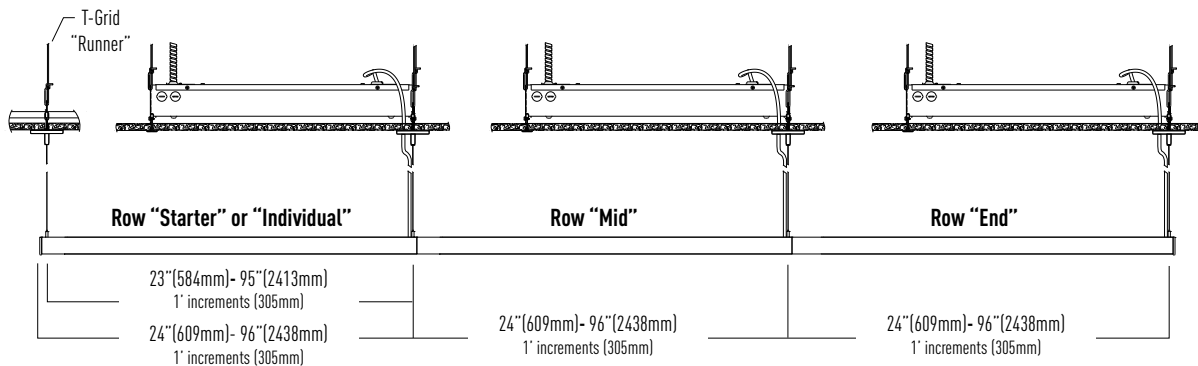
Ceiling Grid Details



Row Layout

Ceiling Options T1, T9, and TS

DIMENSIONS FOR AIRCRAFT CABLE SUSPENSION MOUNT LOCATIONS

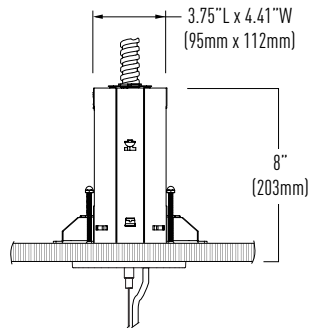


INSTALLATION AND MOUNTING DETAILS

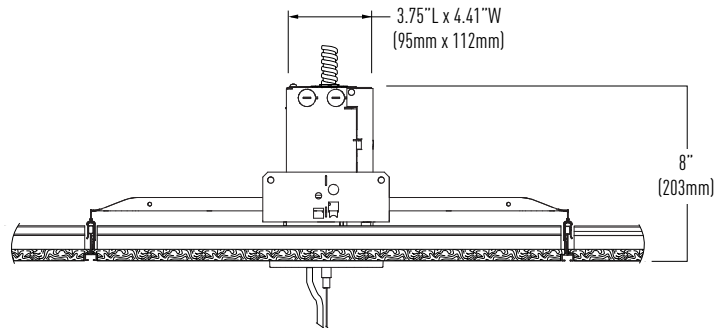
Recessed Canopy Integrated Driver Enclosure for Inaccessible and Grid Ceilings

Ceiling Option GP

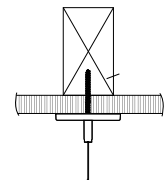
GP (End View)



GP (Side View)

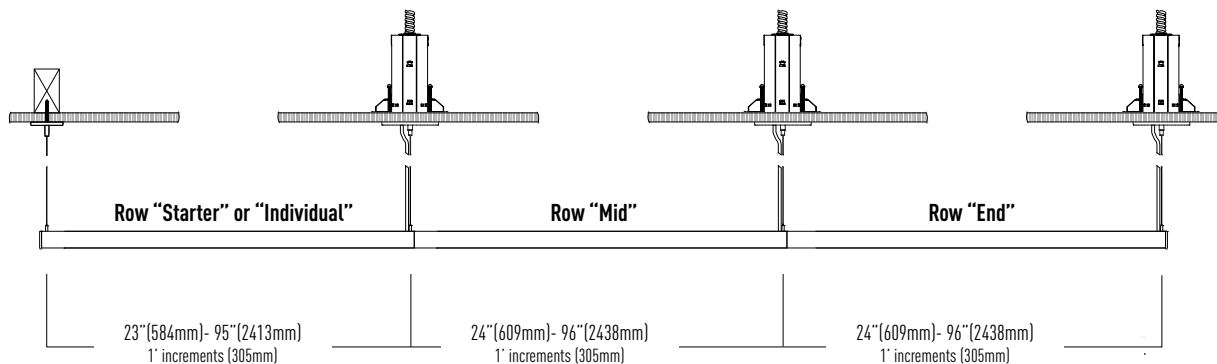


NOI1-Power
canopy

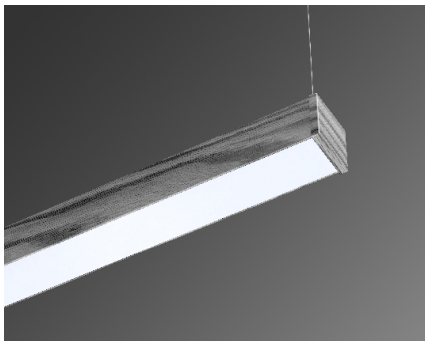


Row Layout Guidelines

Ceiling Option GP



WOOD GRAIN FINISH



The Regolo1 is available in four standard wood grain (hydro-dipped) finishes to create visually stunning lighting installations. This option carries an upcharge and additional 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-Intersection (Corner)

Available Standard configurations: 45°, 60°, 90°, 120°, 135°



T-Intersection

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



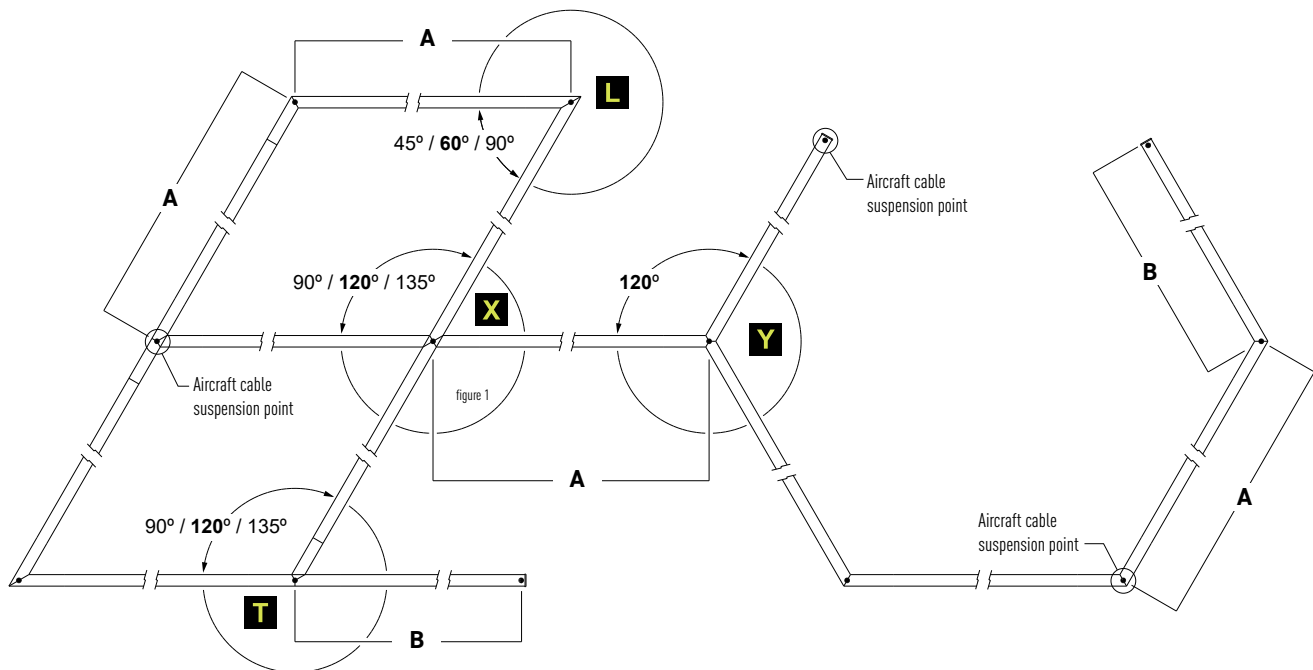
Y-Intersection

Available Standard configurations: (3)120°



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)

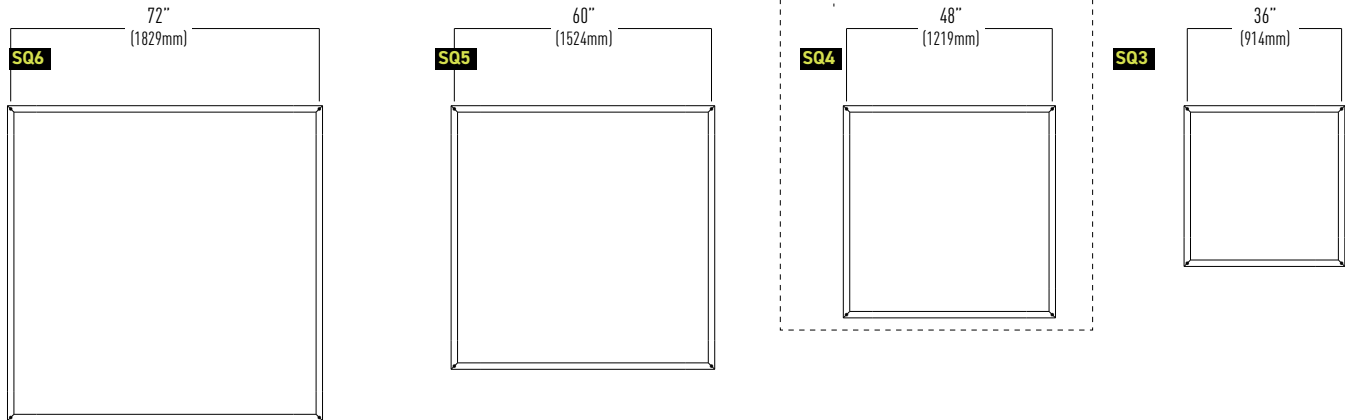
figure1

STANDARD INDIVIDUAL SHAPES

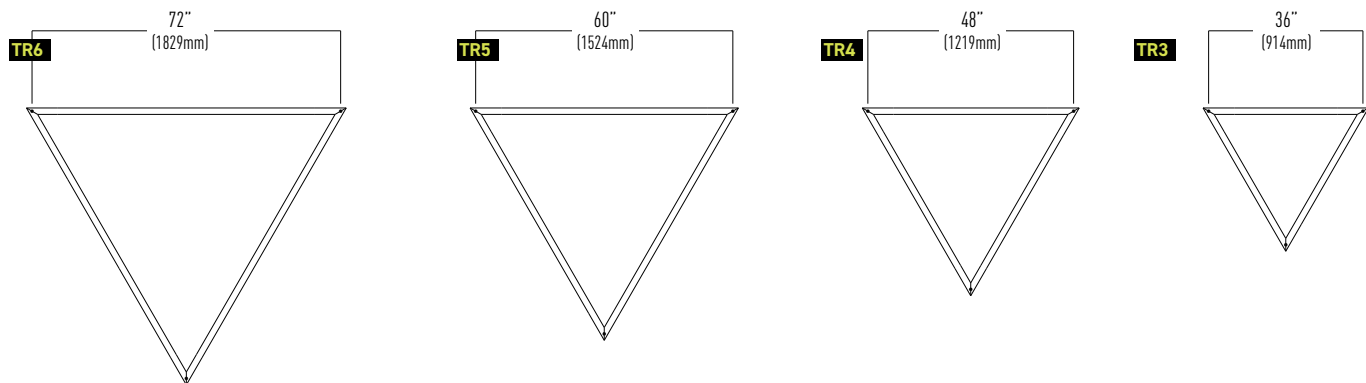
The Regolo1 is available in an array of individual fixture shapes that ship fully assembled as and individual unit.

Ordering Example: RP11-V-35B-05-L40-D-11-WH-T1-W-048-**SQ4**

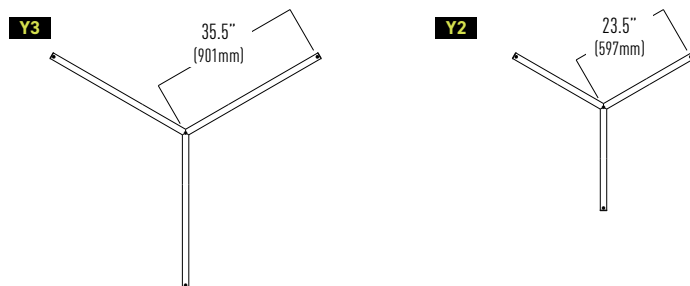
Squares



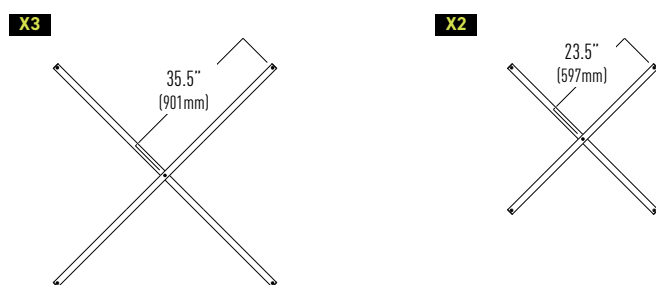
Triangles

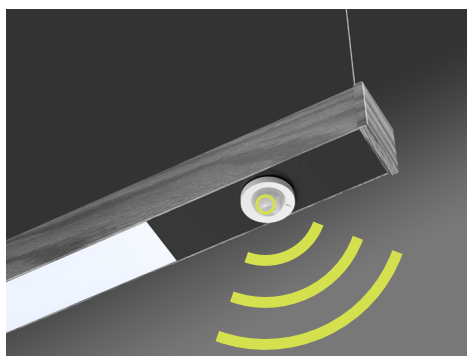


Y Shape



X Shape





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

[LEARN MORE](#)

Integral Fixture Sensors

Item Description	OEM Part #	Integral Sensor Options																			
		0-10v Dimming Control	DALI Dimming Control	IP rated (Outdoor)	Wireless Control	Daylight Harvesting	Occupancy Sensing	LA Series	Regolo 1	Regolo 2	Regolo 3	Regolo 4	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 #: RP11-V-13-H40-U-D-11EM-FF-WH-T1-W-120-8. 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

[LEARN MORE](#)

Integral Fixture Sensors

Item Description	OEM Part #	0-10v	DALI D1	0-10v	DALI L1	IP rated	Wireless	Daylight	Occupancy	LA Series	Regolo	Regolo	Regolo	Regolo	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 #: RP11-V-13-H40-U-D-11EM-FF-WH-T1-W-120-8. 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.

OEM Connected Lighting Partners

NX (NX)

Distributed Intelligence
Hubbell

[LEARN MORE](#)

Integral Fixture Sensors

Item Description	OEM Part #	0-10v	DALI ID	IP rated	Wireless	Daylight	Occupancy	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-0	●		●	●	●	●							●							
Slide Mount Indoor Sensor Module	NXSM-P-SMI	●			●	●	●	●	●	●	●	●					●	●	●		
Low Mount Indoor/Outdoor Sensor Module	NXSM-P-LM0	●		●	●	●	●							●							●
Low Mount Indoor/Outdoor Sensor Module, Aisle Lens	NXSM-P-LM0-4	●		●	●	●	●							●							●
High Mount Indoor/Outdoor Sensor Module	NXSM-P-HM0	●		●	●	●	●														●
High Mount Indoor/Outdoor Sensor Module, Aisle Lens	NXSM-P-HM0-4	●		●	●	●	●														●

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 #: RP11-V-13-H40-U-D-11EM-FF-WH-T1-W-120-8). 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

[LEARN MORE](#)

Integral Fixture Sensors

Item Description	OEM Part #	Integral Sensor Options																			
		0-10v	DALI D	IP rated	Wireless	Daylight	Occupancy	LA Series	Regolo	Regolo	Regolo	Regolo	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 #: RP11-V-13-H40-U-D-11EM-FF-WH-T1-W-120-8. This catalog designation merely identifies luminaires that require Enlighted 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 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

[LEARN MORE](#)

Integral Fixture Sensors

Item Description	OEM Part #	Integral Sensor Options																			
		0-10v	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 #: RP11-V-13-H40-U-D-11EM-FF-WH-T1-W-120-8. This catalog designation merely identifies luminaires that require Lutron 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 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 Dexas DALI drivers, or Signify Xitanium DALI drivers.

PRODUCT SPECIFICATIONS AND INFORMATION

HOUSING CONSTRUCTION

Fixture body is constructed out of powder coat painted extruded aluminum with die cast aluminum powder coat painted end caps. Captive joining mechanism is a combination die formed sheet metal and zinc plated spring steel. All hardware is stainless steel. **SR** remote driver enclosures are constructed out of 22 Ga die-formed cold rolled steel (Covers are post painted and bodies are pre-painted). Grid mounted driver enclosures (**T1/TS/T9**) are formed out of galvanized 24 Ga steel, and **GP** sheet rock enclosures are formed out of 22Ga galvanized steel.

LEDS AND OPTICAL SYSTEM

Optical system consist of two rows of mid power constant current LEDs mounted to a removable sheet metal assembly. LED boards are geometrically aligned to deliver optimal or "batwing" uplight distribution for smooth uniformly illuminated ceiling surfaces. An optional clear top lens may be provided to protect LEDs from dust and particulates while simplifying cleaning and maintenance.

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 **DO** 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 **DO** 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

Standard factory set light outputs are programmed to within +/- 5% of the nominal light level at 3500K 80 CRI LEDs. Light output, wattage, and efficacy will vary across different CRI's CCT's. Refer to ies files on the website for actual detailed lighting performance data.

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 additional power circuit). Battery fixtures ship with an additional orange "constant hot" wire.

LUMEN MAINTENANCE

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

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 hydro-dipped finishes and custom colors as these options carry extended lead times and price adders to cover set-up and material costs.

INSTALLATION AND MOUNTING

Pendant luminaires mount to Acoustical Grid Ceilings (**T1,T9,TS**), Sheet Rock Ceilings (**GP**), and Various Structural Ceilings (**SR**). Luminaire power supplies are remote mounted above the ceiling or onto the ceiling surface. Each luminaire requires an dedicated remote power supply. The product is suspended with adjustable aircraft cable up to 240" from ceiling surface. Luminaires may be individually mounted or continuously mounted in linear configurations or complex geometric patterns. Refer to data sheets and installation instructions for details on fixture dimensions, mounting location dimensions and available luminaire configurations.

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 are 1.25 lbs/ft, Driver box weights vary per enclosure type and electrical configuration, consult factory.

APPROVALS

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

TESTING AND CERTIFICATION

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.