Regolo
RP44-V

Pendant

INDIRECT
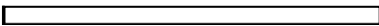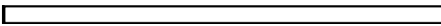Light Distribution

The Regolo RP4 series is a narrow, nominal 4" wide pendant luminaire system. The slender design is ideal for corridors, open and private offices, classrooms, lobbies and general purpose rooms.

- *Extruded aluminum housing and heavy gauge end caps*
- *Configure into linear rows, complex patterns and individual geometric shapes*
- *Intelligent wireless technology inside from premier connected lighting partners*
- *Available in 3 standard paint finishes and an array of wood grain finishes*

Quick Ship: 10 Day lead time for options highlighted in orange. Available in 4' nominal increments; includes 4' & 8' standalone fixtures and continuous rows. Limited to 1000 ft per order.

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]	▭

3 3/4" (95 mm)

3 1/2" (89 mm)

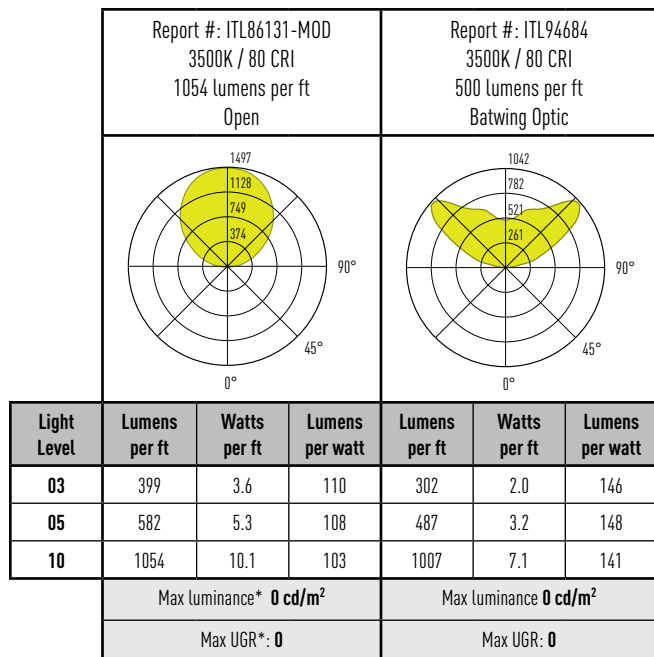**ORDERING INFORMATION /** Example: RP44-V-O-09-L35-UNV-D-11-WH-048-8

SERIES	DISTRIBUTION	INDIRECT SHIELDING	LUMENS UP	CRI & CCT	
RP44 - Pendant Mounted Linear LED Luminaire, Nominal 4" Aperture Width	**V** - Indirect	**O** - Open	**03** - 390 lm/ft (3.28W/ft)	**L** - 80 CRI	**30** - 3000K
QS–RP44 - Quick Ship 10-Day Lead Time		**DG** - Dust Guard	**05** - 569 lm/ft (4.85W/ft)	**H** - 90 CRI	**35** - 3500K
		BW - Batwing Optic	**06** - 724 lm/ft (6.38W/ft)		**40** - 4000K
		ASYM - Asymmetric Optic	**09** - 899 lm/ft (7.79W/ft)		
			10 - 1036 lm/ft (9.39W/ft)		

VOLTAGE	DRIVER	CIRCUITING			FINISH
		Qty of Power Circuits	**Qty of Control Circuits**	**Options**	
UNV - Universal 120 - 277V 50/60Hz	**Dimming 0–10V**	**1** - 1 Power	**1** - 1 Control	**B10** - 10 Watt Battery Pack	**WH** - White Painted Finish
120V - 120V	**D** - Dim to 1% (Standard)	**2** - 2 Power	**2** - 2 Control	**B15** - 15 Watt Battery Pack	**SV** - Silver Painted Finish
277V - 277V	**D0** - Dim to 1%, Fade to Off			**GTD** - Generator Transfer Device (120V or 277V)	**BK** - Black Painted Finish
	D02 - Eldoled Solodrive, Dim to 0%			**EM** - Dedicated Emergency Circuit	**CC** - Custom Color
	LUTRON - See options on page 2			**CEC** - California Energy Commission Compliant Battery Pack	**AG** - Two Tone Ash Gray Wood Grain
					BG - Light Black Gunstock Wood Grain
					EW - Ebony Walnut Wood Grain
					ST - Delicate Straight Wood Grain

MOUNTING			OPTIONS	LINEAR ROWS
Ceiling Type	**Mounting Hardware Finish**	**Suspension Length**	**WLX** - Wavelinx (Cooper Lighting Solutions) Integral Sensor	**2** - 24"
T1 - Aircraft Cable to 1" Grid	**W** - White Canopies and Cord	**048** - 48" Adjustable Aircraft Cable	**NX** - NX (Hubbel) Integral Sensor	**3** - 36"
T9 - Aircraft Cable to 9/16" Grid	**B** - Black Canopies and Cord	**120** - 120" Adjustable Aircraft Cable	**NLT** - nLight (Acuity Brands) Integral Sensor	**4** - 48"
TS - Aircraft Cable to Slotted Grid		**240** - 240" Adjustable Aircraft Cable	**LV** - Vive (Lutron) Integral Sensor	**5** - 60"
SR - Aircraft Cable to Structure			**ENL** - Enlighted Integral Sensor	**6** - 72"
			DSOS - Combined Daylight and Occupancy Sensor	**7** - 84"
			GLR - Fusing	**8** - 96"
				XX - Specify run lengths in 6" increments (QS 4' increments). Consult factory for custom lengths.

PHOTOMETRICS

	Report #: ITL86131-MOD 3500K / 80 CRI 1054 lumens per ft Open			Report #: ITL94684 3500K / 80 CRI 500 lumens per ft Batwing Optic		
Light Level	Lumens per ft	Watts per ft	Lumens per watt	Lumens per ft	Watts per ft	Lumens per watt
03	399	3.6	110	302	2.0	146
05	582	5.3	108	487	3.2	148
10	1054	10.1	103	1007	7.1	141
	Max luminance* **0 cd/m²**			Max luminance **0 cd/m²**		
	Max UGR*: **0**			Max UGR: **0**		

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

WOOD GRAIN FINISH
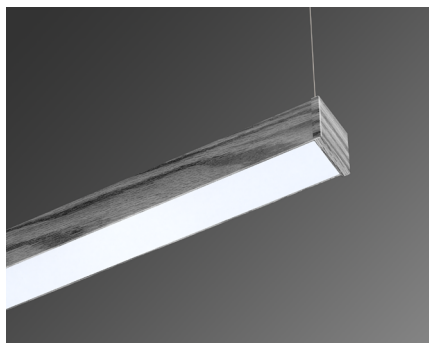
The Regolo4 is available in four standard wood grain (hydro-dipped) finishes to create visually stunning lighting installations. This option carries an upcharge and additional lead time, consult your local sales agent for more information.

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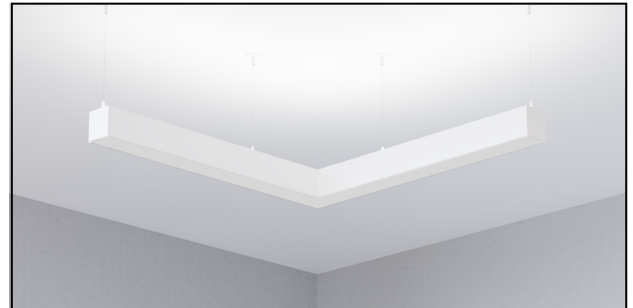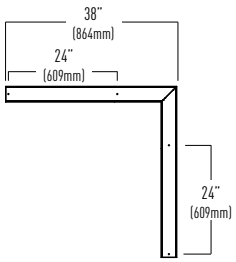
EW - Ebony Walnut Wood Grain

ST - Delicate Straight Wood Grain

BG - Light Black Gunstock Wood Grain

STANDARD INDIVIDUAL SHAPES - LINEAR MOUNTING DETAIL

L-Intersection

38"
(864mm)

24"
(609mm)

24"
(609mm)

L **L-Intersection (Corner)**
Available Standard configurations: 45⁰, 60⁰, 90⁰, 120⁰,135⁰
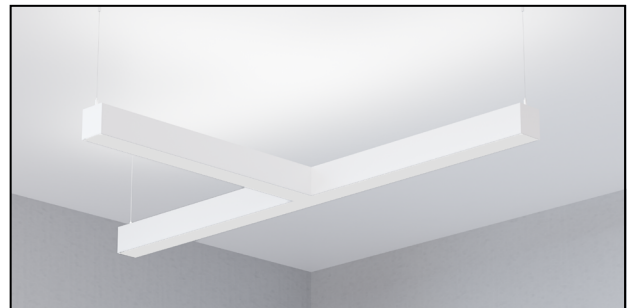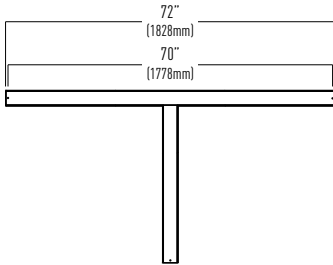
T-Intersection

72"
(1828mm)

70"
(1778mm)

T **T-Intersection**
Available Standard configurations: 45⁰+135⁰, 60⁰+120⁰, 90⁰+90⁰

X-Intersection

72"
(1828mm)

35"
(889mm)
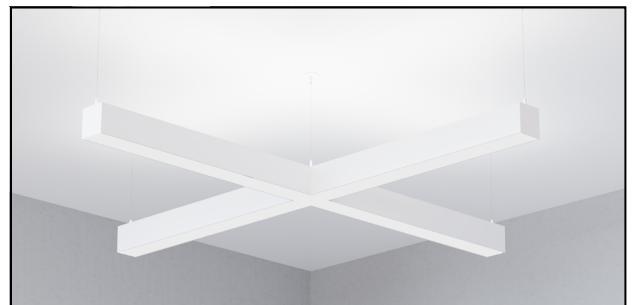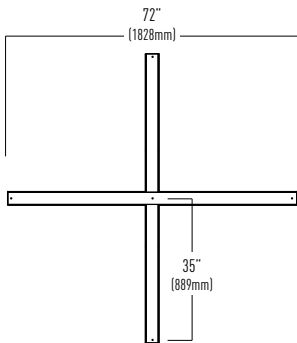
X **X-Intersection**
Available Standard configurations: (2)90⁰+90⁰

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 #	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
		Integral Sensor Options						**Nulite Compatible Product Lines**													
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 #: RP44-V-O-09-L35-UNV-D-11-WH-048-8**.** 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 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
		Integral Sensor Options								**Nulite Compatible Product Lines**													
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 #: RP44-V-O-09-L35-UNV-D-11-WH-048-8**.** 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 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 #: RP44-V-O-09-L35-UNV-D-11-WH-048-8. 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 #	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 #: RP44-V-O-09-L35-UNV-D-11-WH-048-8. 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 #	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 #: RP44-V-O-09-L35-UNV-D-11-WH-048-8. 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 Dexal DALI drivers, or Signify Xitanium DALI drivers.

PRODUCT SPECIFICATIONS AND INFORMATION

HOUSING CONSTRUCTION

The housing is a hybrid of extruded aluminum side rails and formed 20 gauge cold rolled steel. Housing standard finish is electrostatically applied textured white powder coat paint.

LEDS AND OPTICAL SYSTEM

Optical systems consist of a single row of mid power constant current LEDs mounted to a removable highly reflective powered coated metal reflector. Frosted lens diffuses LED light source while delivering high efficacy general illumination.

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

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. Battery packs up to 15W 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 calculated.

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 hydo-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 3.25 lbs/ft, Driver box weights vary per enclosure type and electrical configuration, consult factory.

APPROVALS

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