



Lync 5

Minimalistic planar profile

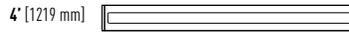
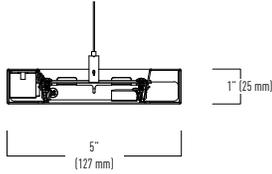
Pendant/Wall
BI-DIRECT/DIRECT
 Light Distribution



Lync is a modern expression of lighting technology contained within a sleek and elegant form ideally suited for general illumination in office spaces.

- *Formed steel housing and fabricated aluminum end caps*
- *May be configured into individual fixtures or continuous runs*
- *The "Lync It" Latching System makes installing rows simple and intuitive in the field.*
- *Available in 3 standard paint finishes*
- *5 available lumen packages from 900 to 1500 lumens per ft*

Standard Individual Fixture Lengths*



ORDERING INFORMATION / Example: LCP5-04-09-FF-0-L35-FEC-UNV-D-11-T1WPC120-4

SERIES	LUMENS DOWN	LUMENS UP	DIRECT SHIELDING	INDIRECT SHIELDING	CRI & CCT	END CAP OPTIONS
LCP5 - Lync 5, Pendant Mount, Integral Driver	04 - 400 lm/ft 05 - 500 lm/ft	05 - 500 lm/ft 07 - 700 lm/ft	FF - Frosted Flush Lens	0 - Open BW - Batwing Optic	L - 80 CRI H - 90 CRI	FEC - Flat End Cap CEC - Curved End Cap REC - Rounded End Cap AEC - Angled End Cap
LCW5 - Lync 5, Wall Mount, Integral Driver	06 - 600 lm/ft	09 - 900 lm/ft				

VOLTAGE	DRIVER	CIRCUITING	EMERGENCY OPTIONS	FIXTURE FINISH
UNV - Universal 120 - 277V 50/60Hz 120V - 120V 277V - 277V	<u>Dimming 0-10V</u> D - Dim to 1% (Standard) Integral Driver D0 - Dim to 1%, Fade to Off Remote Driver D02 - Elapsed Solodrive, Dim to 0% Remote Driver	<u>Qty of Power Circuits</u> 1 - 1 Power 2 - 2 Power <u>Qty of Control Circuits</u> 1 - 1 Control 2 - 2 Control	B6 - Remote 6 Watt Battery Pack B10 - Remote 10 Watt Battery Pack CEC - Remote CEC Compliant (10 Watt Battery Pack) GTD - Generator Transfer Device (120V or 277V) EM - Dedicated Emergency Circuit	WH - White Painted Finish SV - Silver Painted Finish BK - Black Painted Finish CC - Custom Color

MOUNTING

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
- WA - Wall Mount

Mounting Hardware Finish

- W - White Canopies and Cord
- B - Black Canopies and Cord

Standard Suspension Type

- SC - Non-Powered Aircraft Suspension
- Powered Suspension Type
- PAC - Power Over Aircraft Cable
- PC - Power Canopy

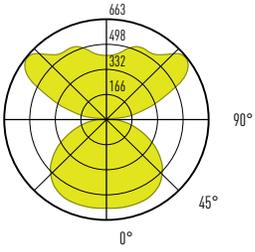
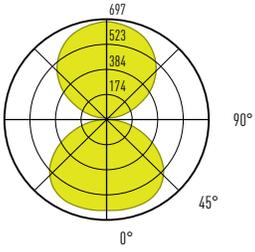
*Power Over Aircraft Cable is only available for individual fixtures

Suspension Length

- 048 - 48" Adjustable Aircraft Cable
- 120 - 120" Adjustable Aircraft Cable
- 240 - 240" Adjustable Aircraft Cable

CONNECTOR STYLE	OPTIONS	LINEAR ROWS
L-FCS - L-Shape Flat Connector Style L-CCS - L-Shape Curved Connector Style L-ACS - L-Shape Curved Connector Style	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	4 - 48" 8 - 96" XX - Specify continuous run lengths in 4' increments
TSC - T-Shape Connector YSC - Y-Shape Connector XSC - X-Shape Connector		

PHOTOMETRICS

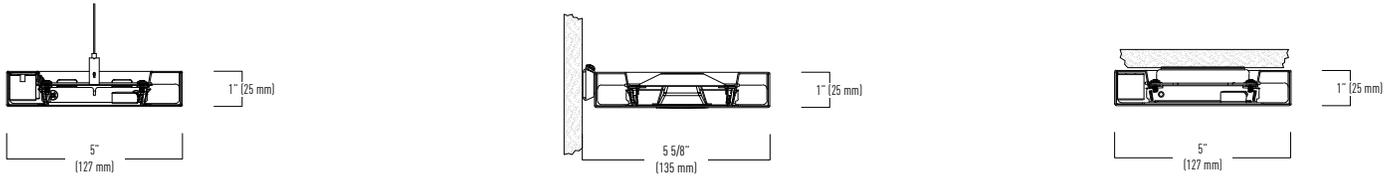
Report #: LCP5-05-05-FF-BW-L35-4 3500K / 80 CRI 500 lumens per ft Frosted Lens Direct, BW Indirect	Report #: LCP5-05-05-FF-O-L35-4 3500K / 80 CRI 500 lumens per ft Frosted Lens Direct, Open Indirect					
						
Light Level	Lumens per ft	Watts per ft	Lumens per watt	Lumens per ft	Watts per ft	Lumens per watt
05-05	988	8.9	111	995	8.7	115
Max luminance* 11464 cd/m²			Max luminance* 11464 cd/m²			
Max UGR*: 24.6			Max UGR*: 24.5			

*UGR and luminance values are from light level (07) 700 lumens per ft

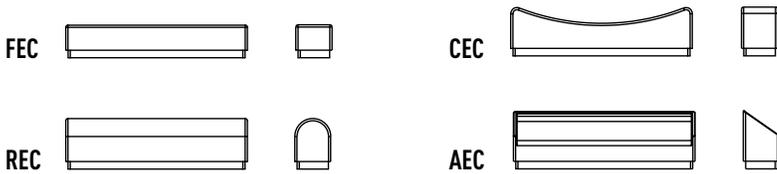
DRIVER INFORMATION

NULITE CAT#	DRIVER MANUFACTURER / SERIES	DIMMING / CONTROL PROTOCOL	DIM RANGE	NOTES/ DESCRIPTION
D	Scaled Micro Driver	Contact manufacturer for details	Contact manufacturer for details	Scaled Micro Driver (contact manufacturer for details)
D0	Signify Xitanium, Osram OTI	0-10v	100% - 1% (Steps from 1% to 0% or OFF)	Standard Nulite driver, base fixture price (Remote Driver)
D02	Eldoled Solodrive	0-10v	100% - 0%	Logarithmic Dimming Curve (Remote Driver)
L11	Lutron Hi-Lume Premier (PEQOE) 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 (Remote Driver)
L15	Lutron Hi-Lume Series (LDE1)	0-10v	100% - 1%	Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology (Remote Driver)
ELE	Eldoled Ecodrive	DALI	100% - 1%	Logarithmic Dimming Curve (Remote Driver)
ELS	Eldoled Solodrive	DALI	100% - 0%	Logarithmic Dimming Curve (Remote Driver)
INT	Integral Driver Dim to 1%	0-10v	100% - 1%	Integral Driver

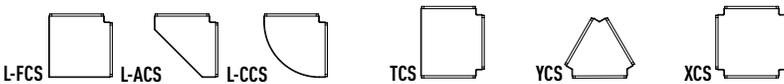
CROSS SECTIONS



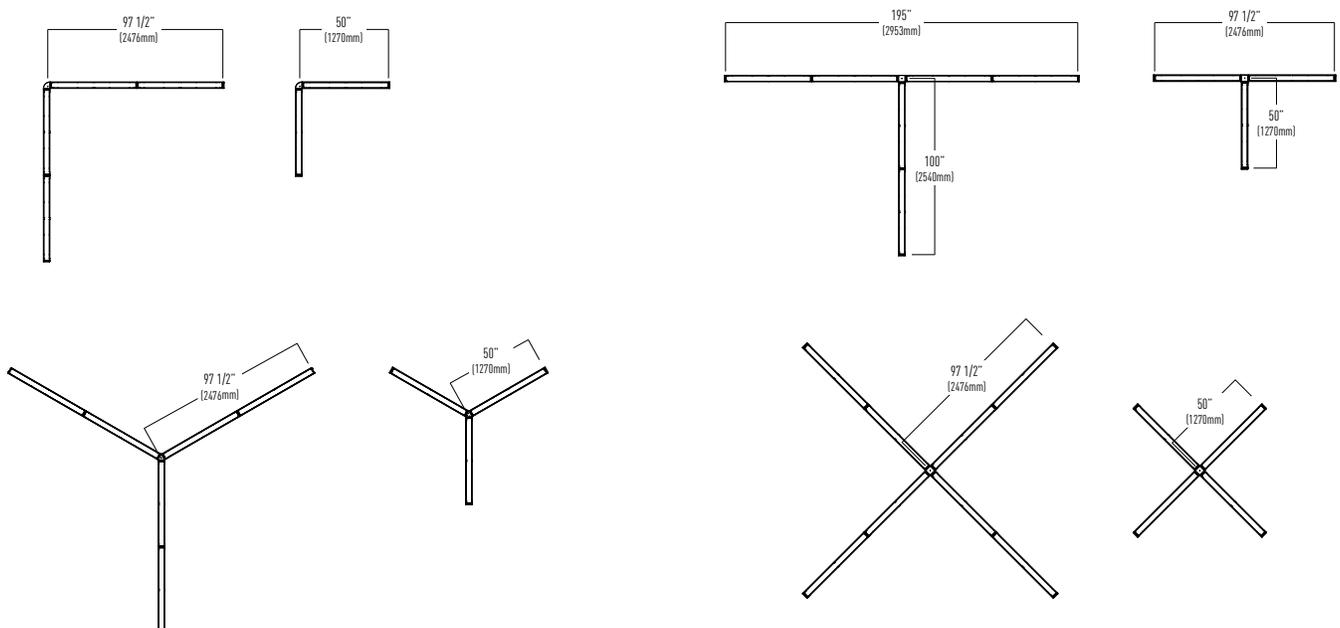
STANDARD END CAPS

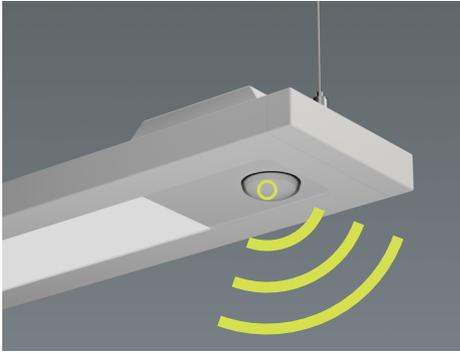


STANDARD CONNECTORS



STANDARD SHAPES





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 #	Integral Sensor Options						Nulite Compatible Product Lines													
		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 #: SLA5P-100-FF-DG-08-05-L35-UNV-D-11-WH-T1W048. 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 #	Integral Sensor Options							Nulite Compatible Product Lines													
		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
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 #: SLA5P-100-FF-DG-08-05-L35-UNV-D-11-WH-T1W048. 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 #	Integral Sensor Options					Nulite Compatible Product Lines														
		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-0	●		●	●	●	●							●							
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 #: SLA5P-100-FF-DG-08-05-L35-UNV-D-11-WH-T1W048. 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 #	Integral Sensor Options					Nulite Compatible Product Lines														
		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 #: SLA5P-100-FF-DG-08-05-L35-UNV-D-11-WH-T1W048. 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

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Integral Fixture Sensors

Item Description	OEM Part #	Integral Sensor Options					Nulite Compatible Product Lines														
		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 #: SLA5P-100-FF-DG-08-05-L35-UNV-D-11-WH-T1W048. 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 sheet steel with fabricated 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 systems consist of a multiple rows 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 **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 3.25 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.