

LIGHTSTREAMS

MLS2-I SERIES ⚡ LIGHTNING PROGRAM

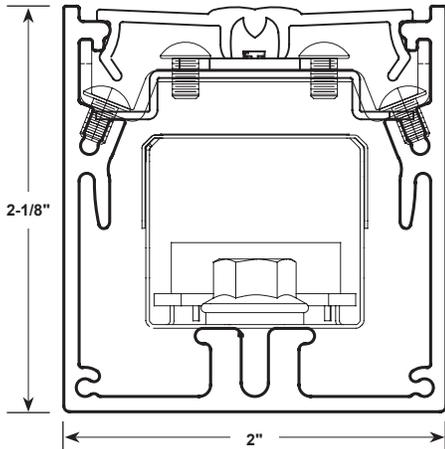
SUSPENDED INDIRECT

Architectural Linear LED Illuminating System | LIGHTSTREAMS 2



Standard Features:

- Indirect uplighting while being suspended from a ceiling.
- Extruded aluminum housing for perfectly straight lines of light.
- Narrow profile; 2-inch width.
- Linear lengths; 2-ft. and above in increments of one-inch.
- Non-glare matte-white polyester powder coating finish.
- Custom colors available.
- Cable mount from ceiling.
- Cataloged standard or custom set lumens-per-foot performances.
- 80 CRI standard. 90 CRI available.
- Continuous dimming capability down to 1% on 0-10V controls.
- Fixture lumens per watt ratios up to 133.
- Tunable white feature optional.
- Lighting controls and sensors.
- Standard and custom corners
- American Made.
- A new extrusion with a shallower overall height of just 2-1/8".
- A new custom designed batwing-type indirect diffuser. Spreads light from the linear LED boards into two distinct side lobes. When projected onto the ceiling the results are a very consistent and wide spread of illumination.
- Lightning Program eligible (ships in 15 days or less): See ordering data for options. ⚡



Performance

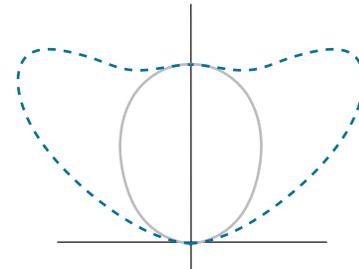
Based on 4Ft. Module, 3500K, 80 CRI, HTA diffuser-Signify LV6 LED Boards

Lumens per Foot (LF)	Nominal Lumens (L)	Wattage (W)	Lumens per Watt (LPW)
400	1600	11.5	139
500	2000	14.4	139
625	2500	18.1	138
825	3300	24.4	135
900	3600	26.8	135
1200	4800	36.8	130

Multiplier for other Color Temp (K)

3000K 97%
 3500K 100%
 4000K 102%
 5000K 103%

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.



Fixture Type:

Job Information:

MLS2-I Series | LIGHTSTREAMS 2

Architectural Linear LED Illuminating System | Suspended Indirect

Ex: MLS2-I-144-825-35K-BW-1%-U-EM10-S1

Options

Series	Mounting	Module or Row Length	Lumens/Ft	Color Temp	Diffuser	Driver	Voltage	Standby Modules*	Lighting Controls	Custom Paint Colors
MLS2 LightStreams 2 LP-MLS2 Lightning Program	I Indirect Suspended	48 48" Length	400 500 625 825 900 1200	30K 35K 40K	BW Batwing Indirect	1% 0-10% Dimming	U Uni 120V-277V	EM10 Advance BAC40EM (AC/DC DRIVER) W/10W Battery.	S1 Philips EasySense (Bluetooth)	As Specified
		96 96" Length	80 CRI 50K Upon Request	As Specified	1% DD 0-10% Dimming Dim to Dark	SR Sensor Ready (Required for Certain Controls, Contact Factory)	1 120V	No Option	S11 Enlighted Micro (SU5ECL)	S12 Lutron Athena Node (Color-White)
144 144" Length	90 CRI TW 27K-65K	7 277V								
		Custom or Row Length. 24" and above in 1" Increments. Ex. in inches: 82, 384, etc.	Custom Lumen Packages.	927K 930K 935K 940K		eL eldoLED Solo 0.1%	X As Specified		S14 Lutron Athena Sensor (Color-White)	
						LDE1 Lutron Hi-Lume			S15 Lutron Athena Sensor (Color-Black)	
						As Specified			No Option	

*Available in modules of 4-ft. and longer.

 All options highlighted in BLUE are eligible for [Lightning Program](#) (same quality product, shipped in 15 days or less)

Housings

Extruded aluminum profile in a 0.080-inch wall thickness. Maximum length of each linear component is 12-ft.

.060 aluminum ends are provided where needed at row termini.

A one-piece 14GA galvanized steel joiner/aligner bracket is provided for each joint between housings.

Internal cold-rolled steel components.

Inconspicuous cable hanging brackets at the ends.

A custom formulated non-glare matte-white polyester powder coating provides an extremely durable and long-lasting finish.

Custom color finishes on request.

Diffusers

Seamless fit diffusers. Flawless and consistent end-to-end fit.

Standard indirect diffuser is a custom extruded batwing-type that spreads the light in a very consistent and wide beam of illumination.

Extruded from custom formulated high transmission acrylic material.

LED Modules

High performance linear configured LED module boards.

Each board consists of multiple mid-power, high efficacy LEDs in a precise layout eliminating the need for supplemental heat sinking.

The boards produce an even and diffuse light which maximizes optical efficiency.

Compatible with the dimming performance of the LED driver.

Color temperatures available 80 CRI: 3000K, 3500K and 4000K. Upon request: 5000K.

Color temperatures available 90 CRI: 2700K, 3000K, 3500K and 4000K.

Tunable White Option

Field tunable range 2700K through 6500K.

80CRI.

LED Drivers

Factory programmable constant current LED power supply.

Multiple standard drive current outputs (factory set by Mercury) are cataloged with their corresponding lumens-per-foot offering. Upon request, custom drive current outputs and lumens-per-foot options are available.

Note: Certain cataloged lumens-per-foot offerings may be provided with a non-programmable constant current LED power supply at Mercury's discretion. Contact factory if critical.

Universal voltage input, 120V-277V, 50HZ-60HZ.

Continuous dimming capability down to 1%-standard. 0.1% available upon request.

Dim to Dark option available upon request.

Sensor ready (SR) drivers compatible with most lighting controls are optional. Consult factory.

Lutron driver available: LDE1 series.

Standby Lighting Options

Combination LED driver/10W battery powers LED modules in standard AC mode or powers LED modules with 10 watts in DC mode upon loss of power. Available in modules 4-ft. and longer.

Integral Lighting Controls

Various lighting controls and sensors are optional. Consult factory.

Corners

Standard 90-degree corners.

Custom angled corners.

Installations

Designed to be suspended on cables.

Easy-connect cable hangers make installations easy.

Lengths of 12-ft. and less to use one housing with two ends pre-installed.

Lengths over 12-ft. will be engineered to job requirements using multiple housings with one end pre-installed at each row end.

Lengths over 12-ft. will include appropriate job required quick-connect plug-thru wire harnesses and housing joiners.

All individual modules or multiple module runs to include job required feed wire as specified.

Certificate of Safety Compliance and Listings

Luminaire: UL and CUL listed 1598 and bears their label. Suitable for damp locations.

Lightning Program

Same quality product, shipped in 15 days or less (if drawings are required, 15 days or less starts after drawings are released).

Entire order must qualify for [Lightning Program](#) in order to meet freight charges. Please contact our sales team if unsure your order will qualify.

Options highlighted in Blue, 500 linear feet or less, are eligible for quick ship [Lightning Program](#).

Relates to straight runs ONLY.

Other variations not highlighted in blue may be available under [Lightning Program](#). Please consult factory.

Specify LP-MLS2 when placing order if you would like to use [Lightning Program](#).

Warranty

5-year limited warranty is standard. Special 10-year warranty available on a job-to-job basis. Complete LED warranty terms available at www.mercltg.com.

Actual performance may differ as a result of end-user environment and application.

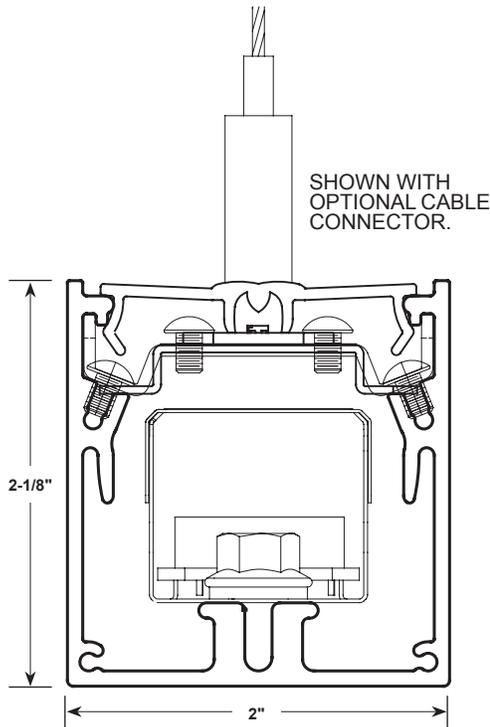
Most LED luminaires are suitable to operate in ambient temperatures from -20C (-4F) to 25C (77F).

The following exclusions apply: Luminaires with standby lighting option, integral lighting controls options, or wireless control options. Consult factory.

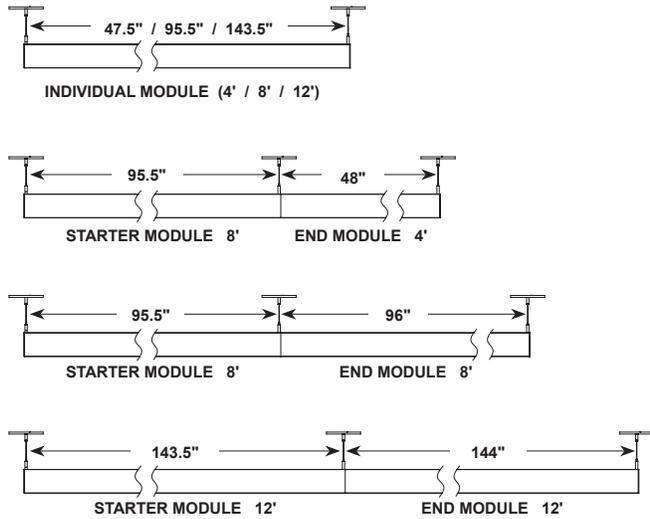
LM-79 testing was measured under a controlled 25C (77F) ambient operating temperature.



Dimensional Data

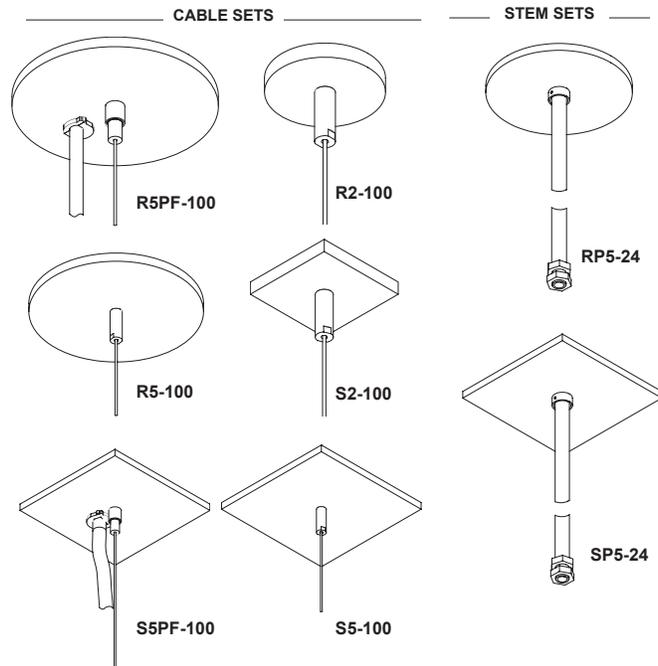


Mounting Information



Consult factory for additional row length information

Hanging Accessories



Part #	Description
R5PF-100	Round 5" power feed canopy, Hanging hardware, 100" long 1/16" cable.
R5-100	Round 5" canopy, Hanging hardware, 100" long 1/16" cable.
R2-100	Round 2" canopy, Hanging hardware, 100" long 1/16" cable.
S5PF-100	Square 5" power feed canopy, Hanging hardware, 100" long 1/16" cable.
S5-100	Square 5" canopy, Hanging hardware, 100" long 1/16" cable.
S2-100	Square 2" canopy, Hanging hardware, 100" long 1/16" cable.
RP5-24	Round 5" canopy, Hanging hardware, 24" long 1/2" dia. stem.
SP5-24	Square 5" canopy, Hanging hardware, 24" long 1/2" dia. stem.

Other cable and stem lengths available. Consult factory.

