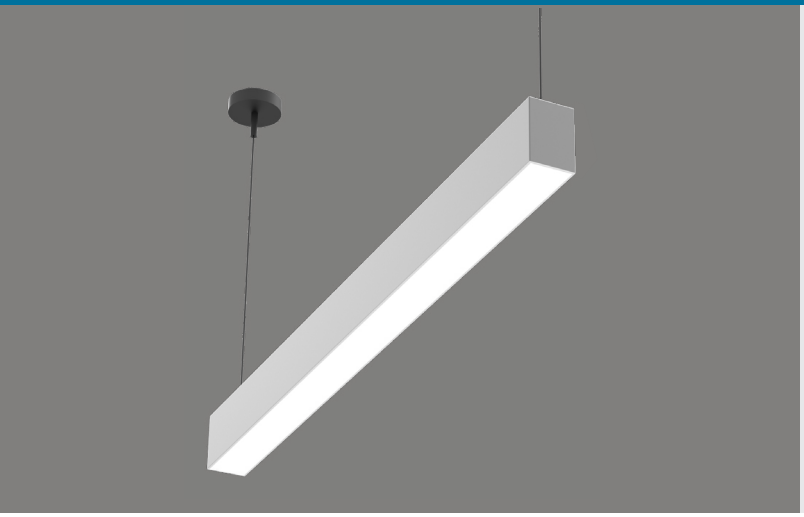
LIGHTSTREAMSmini

MLS1 SERIES **LIGHTNING PROGRAM** **MINI SUSPENDED**

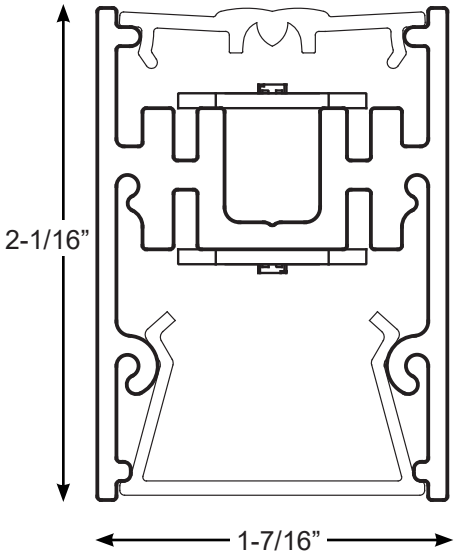
Architectural Linear LED Illuminating System | LightStreams Mini



Features:

- The most minimalist architectural linear system available.
- Small in profile, large in performance.
- Extruded aluminum housing for perfectly straight lines of light.
- Dual directional illumination. Direct downlighting and indirect uplighting.
- Single directional options: Direct downlighting only or indirect uplighting only.
- Custom formulated high transmission smooth opal acrylic downlight lens.
- Custom designed high transmission acrylic batwing-type indirect lens.
- Linear lengths; 2-ft. and above for custom lengths and runs.
- Non-glare matte-white polyester powder coating finish.
- Custom colors available.
- Cable mount from ceiling.
- Designed to operate with remote mounted drivers.
- Cataloged standard or custom set lumens-per-foot performances.
- 80 CRI standard. 90 CRI available.
- Fixture lumens per watt ratios up to 105.
- American Made.
- Lightning Program eligible (ships in 15 days or less): See ordering data for options.

Made in USA



Performance

Based on 4Ft. Module, 3500K, 80 CRI, ASO Direct Diffuser, BW Indirect Diffuser- Signify LV6 LED Boards

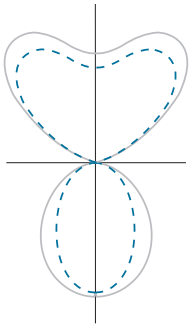
Direct Lumens Per Foot	Indirect Lumens Per FT	Direct/ Indirect %	Delivered Lumens Total (L)	System Watts (W)	Lumens Per Watt (LPW)
400	400	50/50	3200	34.6	92
	500	45/55	3600	36.7	98
	625	40/60	4100	40.7	101
	825	35/65	4900	47.6	103
	1150	25/75	6200	59.2	105
500	400	55/45	3600	40.4	89
	500	50/50	4000	42.5	94
	625	45/55	4500	46.5	97
	825	40/60	5300	53.4	99
	1150	30/70	6600	65.0	102
700	400	65/35	4400	52.5	84
	500	60/40	4800	54.6	88
	625	55/45	5300	58.6	90
	825	45/55	6100	65.5	93
	1150	40/60	7400	77.1	96

Multiplier for other Color Temp (K)

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

DELIVERING UP TO 105 LUMENS PER WATT

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



MERCURY ARCHITECTURAL LIGHTING

Fixture Type:

Job Information:

MLS1 Series | LIGHTSTREAMS MINI

Architectural Linear LED Illuminating System | Mini Suspended

Ex: MLS1-DI-48-500-950-35K-ASO-BW-1%-2C-U

Options

Series	Mounting	Module or Row Length	Lumens/ Ft Direct	Lumens/ Ft Indirect	Color Temp	Diffuser/ Direct	Diffuser/ Indirect	Driver	Circuiting	Voltage	Custom Paint Colors
MLS1 LightStreams mini **LP-MLS1** Lightning Program	**DI** Direct/ Indirect Suspended **D** Direct Suspended **I** Indirect Suspended	**48** 48" Length **96** 96" Length ____ Custom or Row Length.	ASO **400** **500** **700** ____ Custom Lumen Packages.	BW **400** **500** **625** **825** **1150** ____ Custom Lumen Packages.	80 CRI **30K** **35K** **40K** **50K** Upon Request 90 CRI **927K** **930K** **935K** **940K**	**ASO** Acrylic Smooth Opal	**BW** Batwing Indirect	**1%** 0-10% Dimming **1% DD** 0-10% Dimming Dim to Dark **SR** Sensor Ready (Required for Certain Controls, Contact Factory) **eL** eldoLED Solo 0.1% **LDE1** Lutron Hi-Lume ____ As Specified	**1C** Single Circuit **2C** Dual Circuit Direct/ Indirect	**U** Uni 120V-277V **1** 120V **7** 277V **X** As Specified	As Specified

All options highlighted in BLUE are eligble 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 8-ft.

.060 aluminum ends are provided where needed for each row termini.

An integral joiner/aligner is provided for each joint between housings.

Standard hanging brackets are provided.

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 direct diffuser: extruded from custom formulated smooth opal acrylic material.

Allows maximum light transmission while eliminating pixilation and hot spots.

Standard indirect diffuser: custom extruded batwing-type that spreads the light into two distinct side lobes.

When projected onto the ceiling the results are a very consistent and wide spread of indirect illumination.

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.

LED Remote Drivers

All LED drivers are for remote mounting only.

Remote mounting boxes available.

Contractor responsible for locating and mounting above the ceiling line.

All luminaires supplied with needed wiring back to remote 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.

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.

Installations

Designed to be suspended on cables.

Easy-connect cable hangers make installations fast and easy.

Lengths of 8-ft. and less to use one housing with two ends pre-installed.

Lengths over 8-ft. will be engineered to job requirements using multiple housings with one end pre-installed at each row end.

Lengths over 8-ft. will include appropriate job required housing joiners.

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-MLS1 when placing order if you would like to use Lightning Program.

Certificate of Safety Compliance and Listings

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

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.

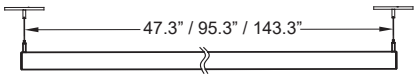
Most LED luminaires are suitable to operate in ambient temperatures from -20C (-4F) to 25C (77F).

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

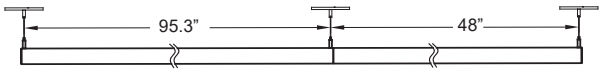
LM-79 testing was measured under a controlled 25C (77F) ambient operating temperature.

MERCURY ARCHITECTURAL LIGHTING

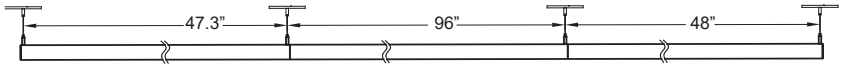
Mounting Information



Individual Module (4’ / 8’ / 12’)



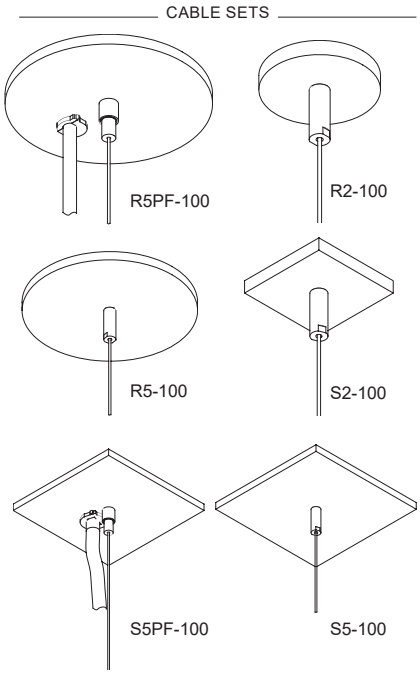
Start Module (8’) End Module (4’)



Start Module (4’) Middle Module (8’) End Module (4’)

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.

Other cable and stem lengths available. Consult factory.