

## MLS2-RD

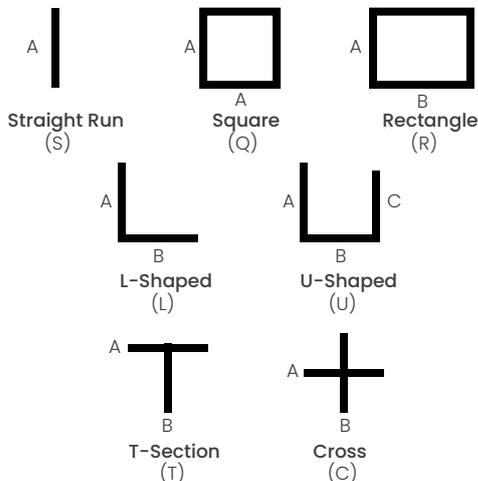
### MICRO-PROFILE STRAIGHT SUSPENDED OR SURFACE MOUNT



#### FEATURES

- Extruded aluminum housing.
- Linear lengths of 2ft and above in increments of an inch.
- Create patterns and runs that flow straight and curve with the environment.
- New micro-profile design for minimalistic character.
- Operates with remote drivers.
- Custom formulated high diffusion white acrylic lens.
- Non-glare matte-white polyester powder coating finish.
- Cable mount from ceiling or direct surface mount.
- Cataloged standard or custom set lumens-per-foot performances.
- 80 CRI standard. 90 CRI available.
- Fixture lumens per watt ratios up to 89.
- American Made.

#### SHAPES/PATTERNS



For other shapes/patterns/runs consult the factory.

#### PERFORMANCE - ASO

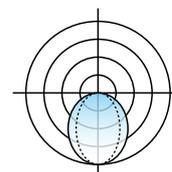
Based on 4ft. Module, 3500K, 80 CRI, Signify LV6 LED Boards.

Lumens per Foot (LF)	Delivered Lumens (L)	System Watts (W)	Lumens per Watt (LPW)
400	1600	17.9	89
500	2000	25.0	80
625	2500	28.8	87
825	3300	39.2	84

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

Multiplier for other Color Temp (k)

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



Direct diffuser  
ASO

Fixture type:	Job information:
<input type="text"/>	<input type="text"/>

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### PRODUCT DEFINITION SHEET

Ex: **MLS2-RD-M-48-S18-500-935K-1-U-EM10-BABA-SR-AU**

1	2	3	4	5	6	7	8	9	10	11	12
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1	2	3	4
SERIES	MOUNTING	LENGTH	SHAPE (ENTER LENGTH IN PRODUCT CODE ABOVE)
<input type="checkbox"/> <b>MLS2-RD</b> LightStreams 2	<input type="checkbox"/> <b>M</b> Suspended Cable Mount  <input type="checkbox"/> <b>M1</b> Surface Mount	<input type="checkbox"/> <b>48</b> 48" Length <input type="checkbox"/> <b>96</b> 96" Length <input type="checkbox"/> <b>144</b> 144" Length  Custom or Row Length. 24" and above in 1" increments. Ex. in inches: 82, 384, etc.	<input type="checkbox"/> <b>S__</b> Individual/Straight Run Section (enter length, ex. S18) <input type="checkbox"/> <b>Q__</b> Square Configuration (enter side length A, ex. Q18) <input type="checkbox"/> <b>R__/_</b> Rectangular Configuration (enter side lengths A and B, ex. R12/24) <input type="checkbox"/> <b>L__/_</b> L-Shaped Configuration (enter side lengths A and B, ex. L12/24) <input type="checkbox"/> <b>U__/_/_/_</b> U-Shaped Configuration (enter side lengths A, B, and C, ex. U12/12/24) <input type="checkbox"/> <b>T__/_</b> T-Section (enter side lengths A and B, ex. T12/24) <input type="checkbox"/> <b>C__/_</b> Cross Configuration (enter side lengths A and B, ex. C12/24)

All corners of shape must be 90°, same plane.  
Lengths greater than 8' consist of multiple individual housing sections joined together. Lengths are nominal and may vary based on lamping and other specification selections.  
Consult Mercury when exact lengths are required.  
Consult factory for corners other than 90°

OPTIONS				
5	6	7	8	9
LUMENS/FT	COLOR TEMP-CCT	DRIVER	VOLTAGE	STANDBY MODULES
ASO <input type="checkbox"/> <b>400</b> <input type="checkbox"/> <b>500</b> <input type="checkbox"/> <b>625</b> <input type="checkbox"/> <b>825</b>  Custom Lumen Packages.	80 CRI <input type="checkbox"/> <b>30K</b> 3000K <input type="checkbox"/> <b>35K</b> 3500K <input type="checkbox"/> <b>40K</b> 4000K <input type="checkbox"/> <b>50K</b> 5000K Upon request  90 CRI <input type="checkbox"/> <b>927K</b> 2700K <input type="checkbox"/> <b>930K</b> 3000K <input type="checkbox"/> <b>935K</b> 3500K <input type="checkbox"/> <b>940K</b> 4000K	<input type="checkbox"/> <b>1</b> 0-10V 1% Dimming  <input type="checkbox"/> <b>1DD</b> 0-10% Dimming Dim to Dark  <input type="checkbox"/> <b>eL</b> eldoLED Solo 0.1%  <input type="checkbox"/> <b>LDE1</b> Lutron Hi- Lume  <input type="checkbox"/> - As Specified	<input type="checkbox"/> <b>U</b> Uni 120-277V  <input type="checkbox"/> <b>1</b> 120V  <input type="checkbox"/> <b>7</b> 277V  Please verify at the time of release if 120V or 277V is required. Although drivers are universal voltage, a specific voltage is required to determine amp draw as well as voltage specific flexes and/or plug thru as needed.	<input type="checkbox"/> <b>EM10</b> Emergency Battery 10W  <input type="checkbox"/> <b>EM12</b> Emergency Battery 12W  <input type="checkbox"/> <b>NO OPTION</b>  Available in modules of 4-ft. and longer.

OPTIONS				
10	11	12		
MISC.	SENSOR READY	LIGHTING CONTROLS	CUSTOM PAINT COLORS	OPTIONS
<input type="checkbox"/> <b>BABA</b> Consult factory.	<input type="checkbox"/> <b>SR</b> Sensor Ready  Required for Certain Controls, Contact Mercury Lighting	<input type="checkbox"/> <b>AU</b> Autani <input type="checkbox"/> <b>AVI</b> Avi-On <input type="checkbox"/> <b>CA</b> Casambi <input type="checkbox"/> <b>LV</b> Leviton <input type="checkbox"/> <b>LT</b> Lutron <input type="checkbox"/> <b>NL</b> nLight <input type="checkbox"/> <b>PS</b> Philips/Signify <input type="checkbox"/> <b>WA</b> Wattstopper <input type="checkbox"/> <b>CU</b> Current nx <input type="checkbox"/> <b>NO</b> No option	<input type="checkbox"/> As Specified	<input type="checkbox"/> Contact Factory For All Options.

Consult Mercury Lighting for further information and other options.

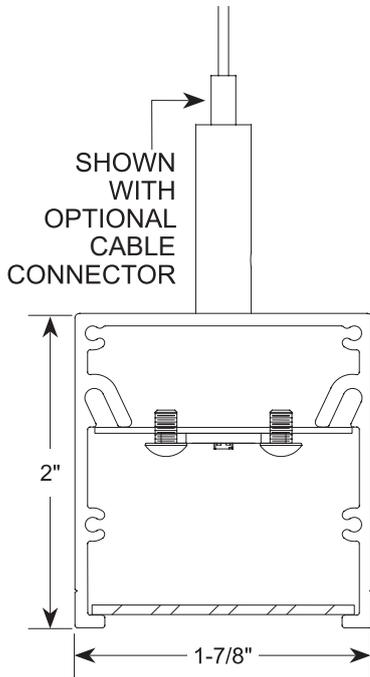
Mercury should be notified if the controls are to be Wireless, Networked Lighting Controls, 0-10v Dimming, DMX, etc.

If controls aren't specified, the fixture ships 0-10V, 1% dimming, unified D/I control.

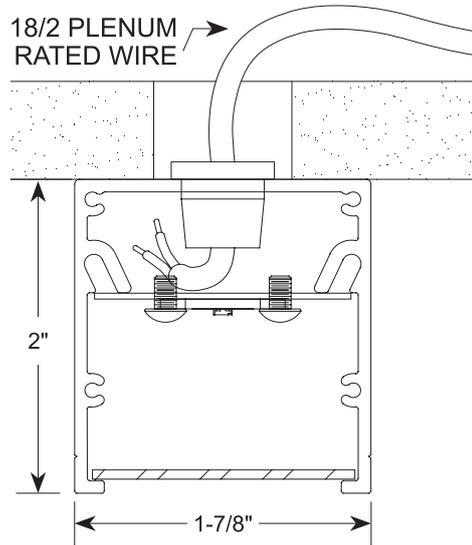
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MICRO-PROFILE STRAIGHT  
SUSPENDED OR SURFACE MOUNT

## MOUNTING

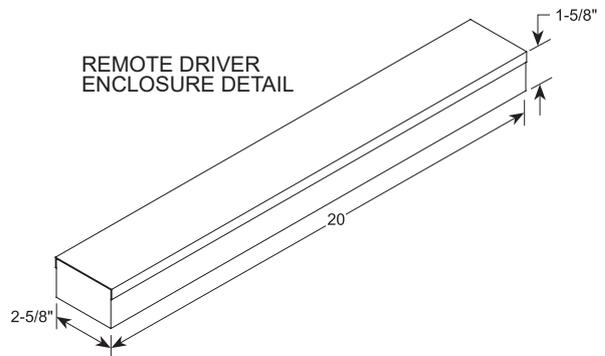


**M**  
Suspended Cable Mount

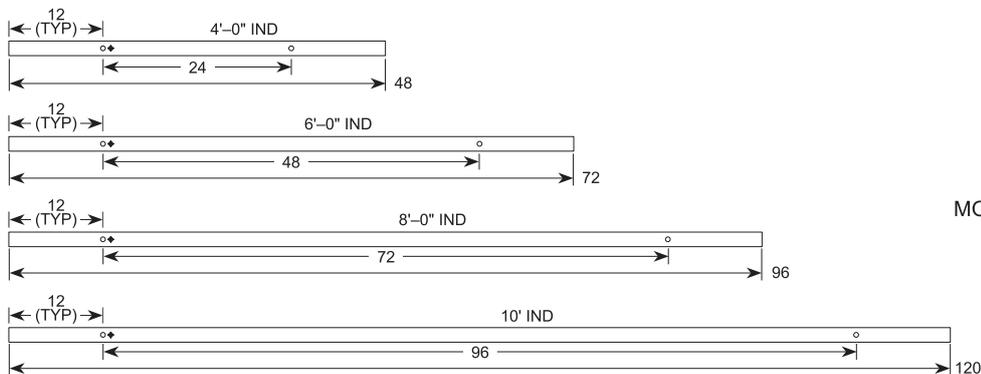


**MI**  
Surface Mount

PART #	DESCRIPTION
DB	20" Remote Driver Enclosure



## CABLE MOUNTING INFORMATION



\* For surface mounting, consult factory.

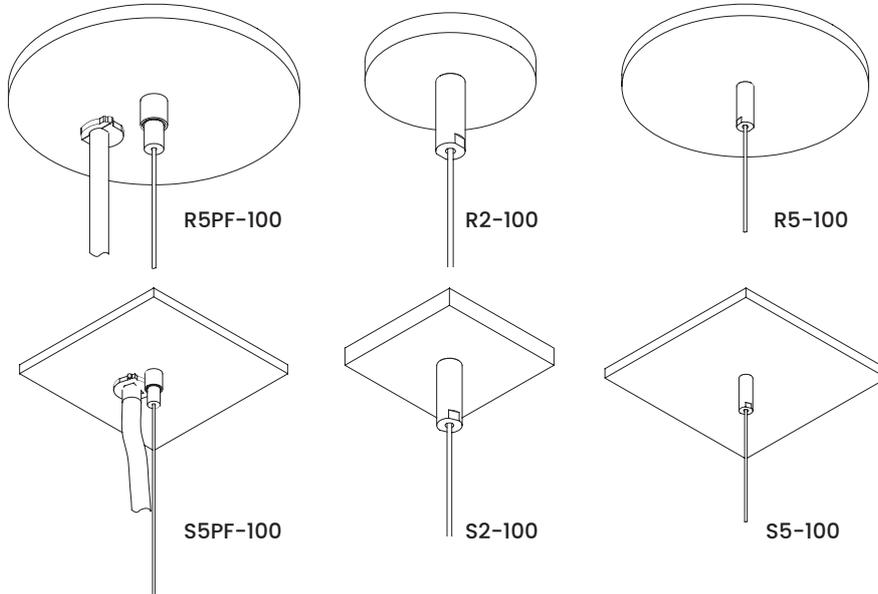
## MOUNTING HARDWARE KEY

- AIRCRAFT CABLE SUPPORT
- ◆ FEED CORD TO REMOTE DRIVER

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## 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	Round 2" 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.

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### HOUSINGS

Extruded aluminum profile in a 0.080-inch wall thickness. Maximum length of each linear component is 12-ft. 14GA steel 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. Standard or custom hanging points 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. Acrylic smooth opal material. Smooth finish compliments the architectural elements.

### 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 80CRI: 3000K, 3500K and 4000K. Upon request: 5000K. Color temperatures available 90CRI: 2700K, 3000K, 3500K and 4000K.

### LED DRIVERS

All LED drivers are for remote mounting only. Contractor responsible for locating and mounting above ceiling line. Optional driver boxes available. 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 drivers available: LDE1 and LDE5 series.

### STANDBY LIGHTING OPTIONS

Consult factory.

### INTEGRAL LIGHTING CONTROL

Various lighting controls and sensors are optional. Consult factory.

### INSTALLATIONS

Designed to be suspended on cables. Specify **M**. For direct surface mounting to most ceiling types, specify **MI** and consult factory. Lengths 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 housing with one end pre-installed at each row end. All individual modules or multiple module runs to include job required feed wire as specified. Standard or custom hanging points will be provided per job specifications.

### 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](http://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.