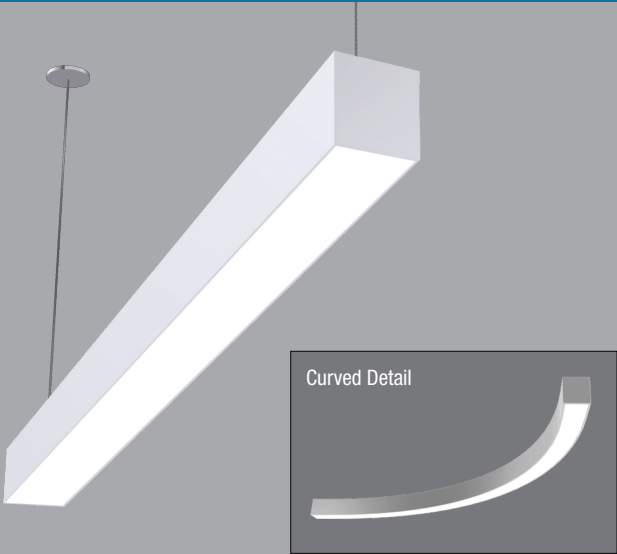


LIGHTSTREAMS

MLS2-RD SERIES

MICRO-PROFILE STRAIGHT AND CURVING ELEMENTS SUSPENDED OR SURFACE MOUNT

Architectural Linear LED Illuminating System | LIGHTSTREAMS 2

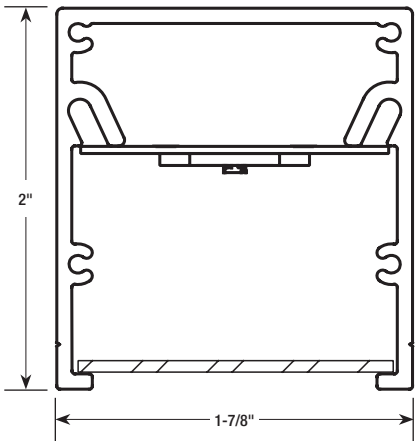


Features

- Create patterns and runs that flow straight and curve with the environment.
- New micro-profile design for minimalistic character.
- Extruded aluminum housings for producing both perfectly straight and curving lines of light.
- Linear lengths; 2-ft. and above in increments of one-inch.
- Curving radius; two standard radii available and cataloged. Consult factory for others.
- 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 80.
- American Made.



Cross Section (actual size)



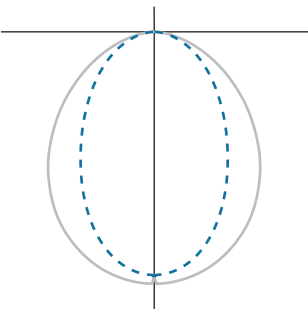
Performance

Based on 4Ft. Module, 3500K, 80 CRI

Lumens per Foot (LF)	Delivered Lumens (L)	System Watts (W)	Lumens per Watt (LPW)
400	1600	20	80
500	2000	25	80
625	2500	32	78
770	3080	40	77

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-RD Series | LIGHTSTREAMS 2

Architectural Linear LED Illuminating System | Micro-Profile Straight and Curving Elements | Suspended or Surface Mount

Ex: MLS2-RD-M-48-500-935K-ASO-1%-U

MLS2-RD				ASO				Options	
Series	Mounting	Module or Row Length	Lumens/Ft	Color Temp	Diffuser	Driver	Voltage	Patterns, Shapes, Curves	All Options
MLS2-RD LightStreams 2	M Suspended Mount	48 48" Length	400 500 625 770	80 CRI 30K 35K 40K 50K Upon Request	ASO Acrylic Smooth Opal	1% 0-10V 1% Dimming SR Sensor Ready	U Uni 120V-277V	Contact Factory For All Options.	Contact Factory For All Options.
		96 96" Length					1 120V		
	M1 Surface Mount	144 144" Length	Custom Lumen Package. Contact Factory.	90 CRI 927K 930K 935K 940K		As Specified	7 277V		
		Custom or Row Length. 24" and above in 1" Increments. Ex. in inches: 82, 384, etc.				As Specified	X As Specified		

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.

Laser-cut to perfectly fit curving elements.

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.

Specification grade dimming down to 1% on 0-10V dimming controls.

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 Controls

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 **M1** and consult factory.

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.

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.

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 optional 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.

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 lengths available.

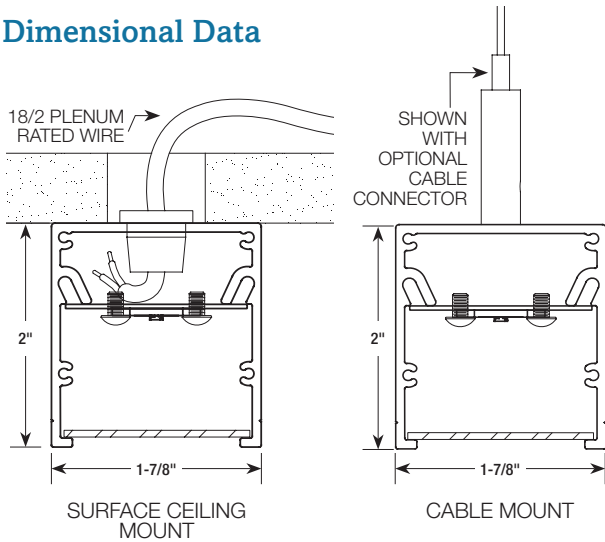
Part #	Description
DB	20" Remote Driver Enclosure



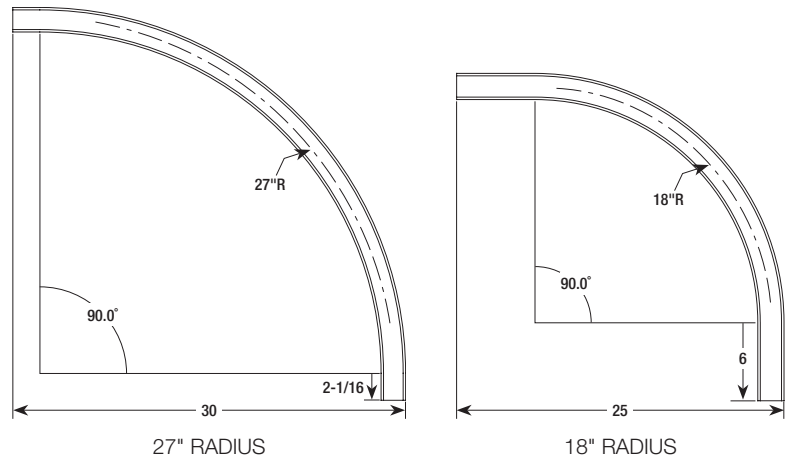
MLS2-RD Series | LIGHTSTREAMS 2

Architectural Linear LED Illuminating System | Micro-Profile Straight and Curving Elements | Suspended or Surface Mount

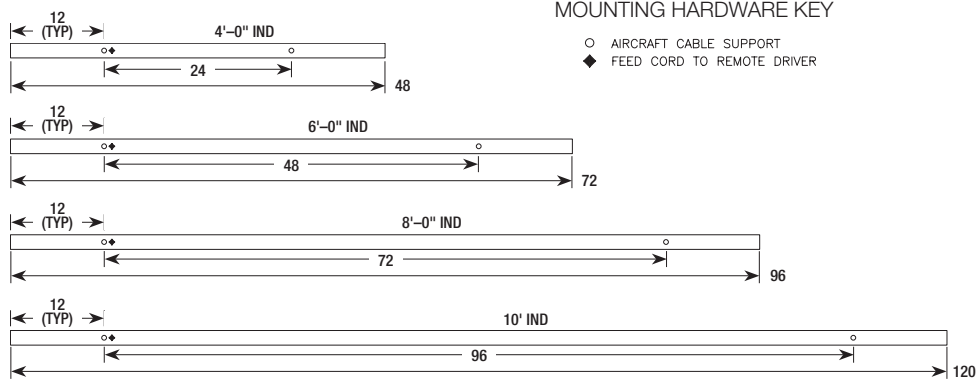
Dimensional Data



Typical Curve Radii



Cable Mounting Information*



* For surface mounting, consult factory.



Hanging Accessories

