LIGHTWASH

MLW2-M SERIES

SUSPENDED SURFACE

Architectural Linear LED Wall Washing System | LIGHTWASH


Features:

- Newly engineered proprietary wall washing system creates a glowing transition between wall and ceiling.
- Asymmetric light distribution and high-performance optics allow a smooth gradation of light from the top down to the bottom of the wall.
- Walls are free of striations and shadows moving horizontally across the wall.
- Extruded aluminum housings produce perfectly straight lines of light.
- Narrow profile; 2-3/8-inch width.
- Standard linear module lengths; 4-ft. and 8-ft.
- Use multiple modules for continuous rows.
- Special lengths consult factory.
- Non-glare matte-white polyester powder coating finish.
- Cable or stem mount from ceiling, or direct surface mount.
- Cataloged standard or custom set lumens-per-foot performances.
- 90 CRI.
- Continuous dimming capability down to 1% on 0-10V controls.
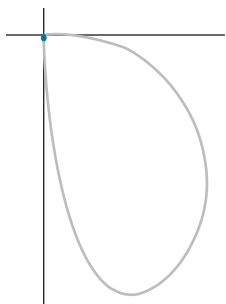- American Made.

Made in USA

Cross Section
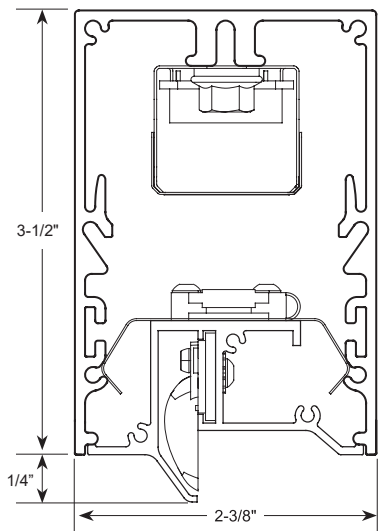
Performance

Lumens per Foot (LF)	System Watts (W)
350	9.66
400	10.94
450	12.32
500	13.68

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%.

Fixture Type:

Job Information:

MERCURY
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Specifications subject to change, consult factory when critical.

Ex: MLW2-M-96-450-935K-1%-U

Option

MLW2 -	-	-	-	-	-	-
Series	**Mounting**	**Module Length**	**Lumens/Ft**	**Color Temp**	**Driver**	**Voltage**	**Lighting Controls**

Series	Mounting	Module Length	Lumens/Ft	Color Temp	Driver	Voltage	Lighting Controls
MLW2 LightWash	**M** Suspended Cable Mount	**48** 48" Length	**350** **400** **450** **500**	90 CRI **930K** **935K**	**1%** 0-10V 1% Dimming	**U** Uni 120V-277V	Consult Factory
	M1 Surface Mount	**96** 96" Length			____ As Specified	**1** 120V	
	M2 Suspended Stem Mount	____ Custom Lengths or Rows Consult Factory.	____ Custom Lumen Package. Contact Factory			**7** 277V	
						X As Specified	

Housings
Extruded aluminum profile in a 0.080-inch wall thickness.

Maximum length of each linear component is 8-ft.

.060 aluminum ends are standard.

Engineered internal reflector system provides optimal asymmetric light distribution for wall washing.

Housing is intended to be suspended or directly surface mounted to the ceiling near the wall intended to be washed in light. Distance from wall to be pre-calculated based on wall washing effect desired.

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.

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.

Individual LED reflectors produce an even and diffuse light which maximizes optical efficiency.

Compatible with the dimming performance of the LED driver.

Color temperatures available 90 CRI: 3000K and 3500K.

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.

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

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

Installations
Designed to be suspended on cables. Specify **M**.

For direct surface mounting to most ceiling types, specify **M1** and consult factory.

For stem mounting specify **M2** and consult factory.

All individual modules or multiple module runs to include job required feed wire and plug-thru wire harnesses 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.
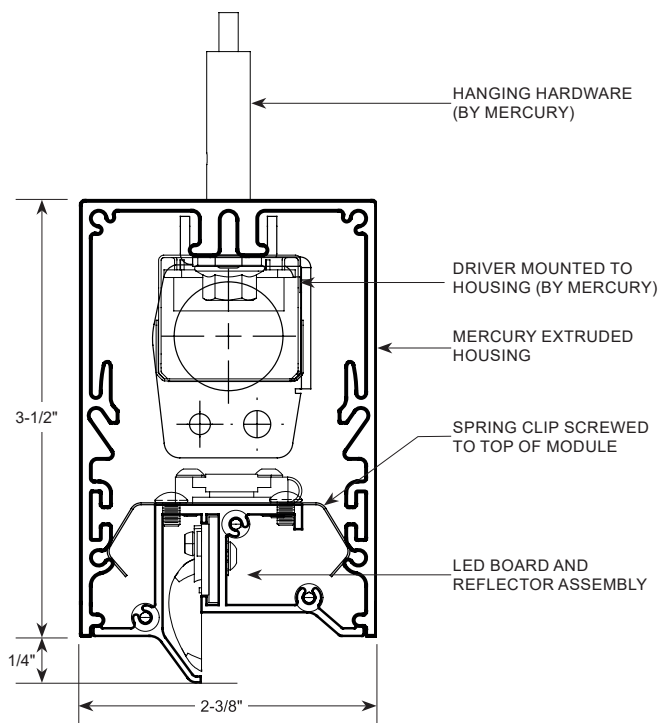
Warranty
5-year limited warranty is standard. Special 10-year warranty available on a job-to-job basis. Complete LED warranty terms available at www.mercltg.com.

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.
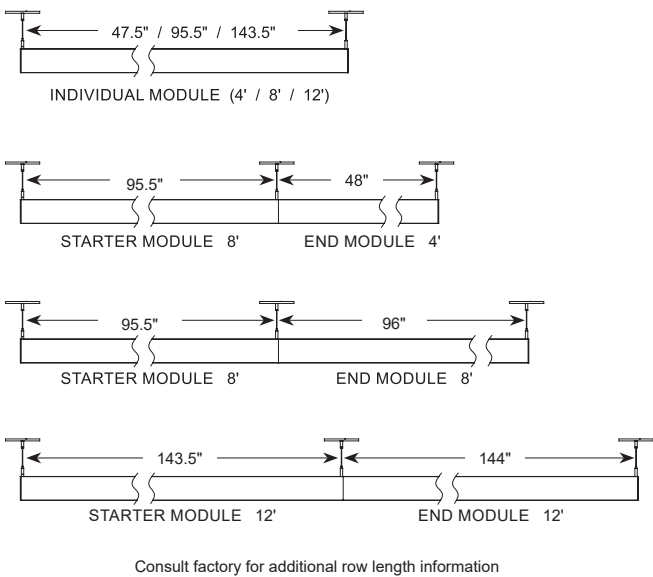
Mercury Lighting Products Co, Inc. | 20 Audrey Place STE 2 | Fairfield, NJ 07004-3416 | Tel: 800.637.2584 | Fax: 973.244.9522 | mercltg.com
Specifications subject to change, consult factory when critical.
rev. 03/24 **p.2**

Dimensional Data

HANGING HARDWARE
(BY MERCURY)

DRIVER MOUNTED TO
HOUSING (BY MERCURY)

MERCURY EXTRUDED
HOUSING

SPRING CLIP SCREWED
TO TOP OF MODULE

LED BOARD AND
REFLECTOR ASSEMBLY

3-1/2"

1/4"

2-3/8"

Mounting Information

47.5" / 95.5" / 143.5"

INDIVIDUAL MODULE (4' / 8' / 12')

95.5" | 48"

STARTER MODULE 8'   END MODULE 4'

95.5" | 96"

STARTER MODULE 8'   END MODULE 8'

143.5" | 144"

STARTER MODULE 12'   END MODULE 12'

Consult factory for additional row length information

Hanging Accessories

CABLE SETS   STEM SETS

R5PF-100   R2-100   RP5-24

R5-100   S2-100

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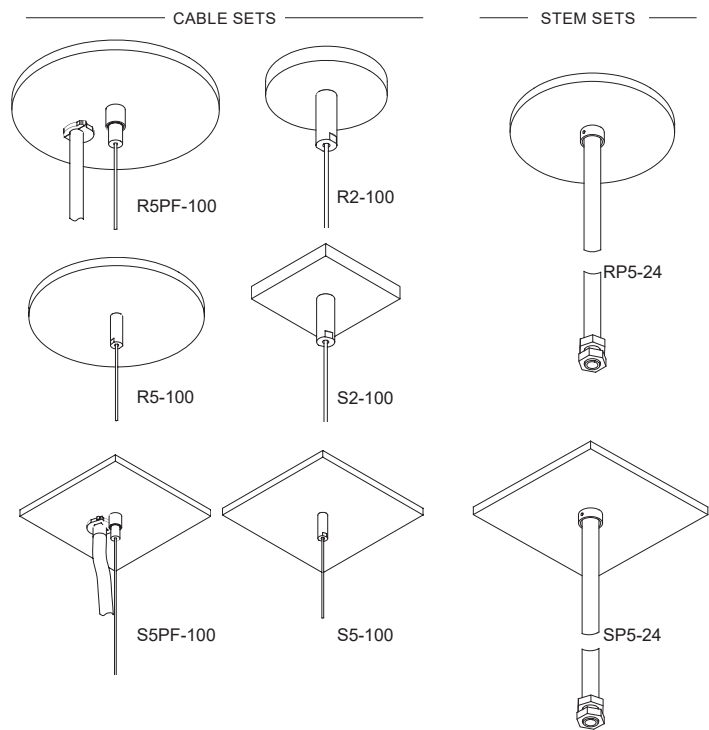
Part #	Description
R5PF-100	Round 5" power feed canopy, Hanging hardware, 100" long 1/16" cable.
R5-100	Round 5" canopy, Hanging hardware, 100" long 1/16" cable.
R2-100	Round 2" canopy, Hanging hardware, 100" long 1/16" cable.
S5PF-100	Square 5" power feed canopy, Hanging hardware, 100" long 1/16" cable.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

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