

# METAL LIGHTHOUSE

## The Retro Pack - Mark 1 Light Fixture Retrofit Kit

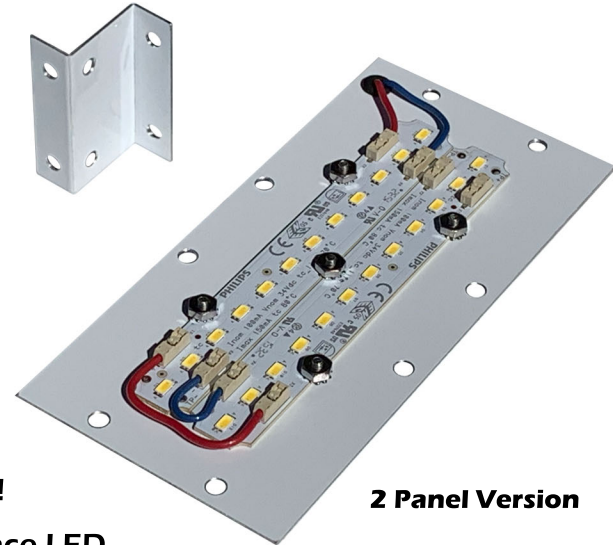
### MLRPM1

**Description:** Retrofit your existing light fixture with the Metal Lighthouse Retro Pack Mark 1! Ideal for built in units, eliminating the need for patch and paint required with replacing the whole fixture. Units are designed to be used in enclosed fixtures. With many possible mounting options, wall packs, ceiling canopies, area lights, and sealed flood lights are all candidates for this unit!

**Custom Designed Units Available:** Do you have a light fixture that is no longer made? Do you like the look and fit of your light fixture, but wish there was an LED equivalent? Now there is a solution! Contact Metal Lighthouse with the specs needed and we'll build you a custom Retro Pack for your fixture!

**LED Modules:** We use the Advance by Signify 5.5" Performance LED panels in our Retro Pack - reliable and efficient - long life and performance high lumens per watt - higher output (H) and different size panels available

**LED Driver:** Advance by Signify LED Driver - 120-277V Input, 0-10V Dimming 2.5 KV Surge Protection Standard, 50/60Hz, FCC Title 47 Part 15 Class A Compliant, 50,000 hour lifetime - line voltage dimming driver options available



2 Panel Version

### Order Matrix

Model	# of 5.5" Panels	CCT	Options
MLRPM1	2	3000K	P = 120-277V Photocell OR = Occupancy Sensor* EMB = Emergency Battery
	3	3500K	
	4	4000K	
		5000K	

\*Occupancy Sensor has built in Photocell Option

### Data

Model	# of Panels	Wattage	Lumens**	CCT	Length***	Width***	Height***
MLRPM1	2	10	1100	5000K	7"	3.375"	1.125"
	3	13	1650	5000K	7"	3.375"	1.125"
	4	16	2200	5000K	7"	3.375"	1.125"

\*\*Lumens at LED board - delivered lumens influenced by condition of lens of existing fixture

\*\*\*Length, Width, and Height measurements vary with configuration of secondary mounting bracket

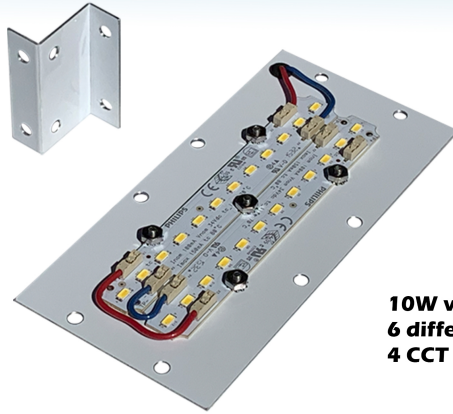


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Oceanside, CA 92056

## Product Highlight:

# MLRPM1 Retro Pack



10W version shown.  
6 different wattages and  
4 CCT options available

- Easily replace & upgrade your light fixture's current internals with commercial grade LED components.
- Designed to fit in numerous types of enclosed light fixtures.
  - ETL/UL Listed components.
  - Many wattage & CCT options.
  - 5 Year warranty (see our website for terms).
  - Emergency battery & control accessories available.
  - Specification sheets available on our website.
- We can also customize your Retro Pack to fit a specific application. Call us for more details!



**Retro Packs can be used in a wide variety of fixtures and applications like these and many more!**



### Why choose Metal Lighthouse products?

- Metal Lighthouse is based out of Oceanside, California. We don't import and resell - All of our products are made to order in our facility.
- We only use top quality LED components in our units, made by Advance by Signify (formerly Philips).
  - Our fixture housings are made of powder coated formed aluminum sheet, making them wet rated and built to last.
  - 24 hour technical support available.
- Our high quality commercial grade fixtures are available in a wide array of custom colors to match your application.

**Metal Lighthouse, Inc. is now SB certified!**

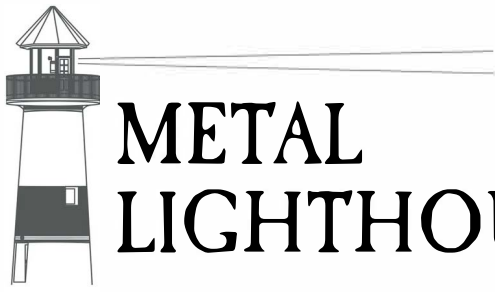
**Support USA Manufacturing & Small Business!**

**Contact us today for inquiries and where to buy!**



# METAL LIGHTHOUSE

USA Made - Commercial Grade - LED Light Fixtures and Retro Packs  
(760) 231-5191 [www.metallighthouse.com](http://www.metallighthouse.com) Oceanside, CA



## Lighting Products Limited Warranty

**Limited Warranty ("Warranty"):** Subject to the exclusions set forth below, Metal Lighthouse, Inc. ("Metal Lighthouse") warrants that Metal Lighthouse branded fixtures will be free from defects in material and workmanship which cause the Products to fail to operate in accordance with the specifications set forth in the documentation published or provided with the Products (the "Specifications") for the applicable period and subject to the additional terms and conditions set forth below from the date of shipment ("Warranty Period"). Metal Lighthouse warrants that any standard finish on a Product will be free from cracking, peeling, excessive fading, and corrosion defects during the applicable Warranty Period. For light emitting diode ("LED") Products, the LED arrays in the Products will be considered defective in material or workmanship only if a total of 15% or more of the individual LEDs in the Products fail to illuminate.

**LED - 5 Years\***

**LED Retrofit Kits - 5 year warranty\***

**Exterior Housing Paint Finish - 5 year warranty on all paint finishes for LED fixtures**

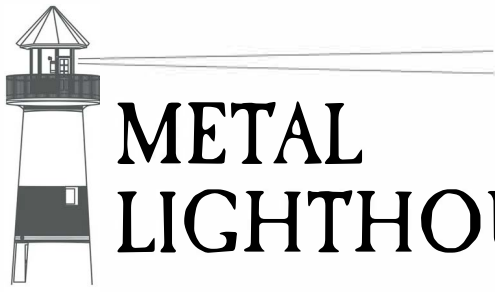
**Exclusions:** This Warranty applies only when the Products have been properly handled, stored, wired, transported, installed, operated and maintained in accordance with the applicable Specifications, including, without limitation, installation in applications in which ambient temperatures are within the range of specified operating temperatures and operation within the electrical values shown on the Specifications. Metal Lighthouse shall have no responsibility under this Warranty for any failure of the Products that results from external causes including without limitation: acts of nature; physical damage; exposure to adverse or hazardous chemicals or other substances; use of reactive cleaning agents and/or harsh chemicals to clean the Products; environmental conditions; vandalism; fire; power failure, improper power supply, power surges or dips, and/or excessive switching; fatigue failure or similar phenomena resulting from induced vibrations, harmonic oscillation or resonance associated with movement of air currents around the Product; animal or insect activity; fault or negligence of the purchaser of the Products, any end user of the Products and/or any third parties not engaged by Metal Lighthouse, improper or unauthorized use, installation, handling, storage, alteration, maintenance or service, including failure to abide by any product classifications or certifications, or failure to comply with any applicable standards, codes, recommendations, product specification sheets, use of Products with products, processes or materials supplied by the purchaser of the Products, any end user or third parties, or any other occurrences beyond Metal Lighthouse's reasonable control. In addition, Metal Lighthouse shall have no responsibility under this Warranty for any substantial deterioration in the Product finish that is caused by failure to clean, inspect or maintain the finish of the Products. During the Warranty Period some staining, chalking or fading may occur. This is normal aging of the finish and is not a manufacturing defect; therefore it is not covered by this Warranty. Neither polycarbonate nor acrylic material used in the Products is warranted against yellowing, as yellowing may naturally occur over time due to normal aging. If the Products are used on existing foundations, anchorages or structures, the purchaser of the Products and/or any end user is solely responsible for the structural integrity of such existing foundations, anchorages or structures and all consequences arising from their use. Metal Lighthouse does not offer warranties for components not manufactured by Metal Lighthouse. Any non-Metal Lighthouse components shipped by Metal Lighthouse are subject to the applicable warranty provided by such manufacturer. Metal Lighthouse is not responsible for any costs or expenses relating to defective component claims, repairs or replacements on such non-Metal Lighthouse components.

Adequate records (as determined by Metal Lighthouse in its sole discretion) of operating history, maintenance, and/or testing must be kept by the end user and provided to Metal Lighthouse upon request to substantiate that the Products have failed to comply with the terms of this Warranty. The Products are not warranted against costs that may be incurred in connection with changes or modifications to the Products required to accommodate site conditions and/or faulty building construction or design. In addition, the Products are not warranted against cost resulting from installation of third party components, failures of third party supplied components, or failures of Metal Lighthouse supplied Products caused by third party supplied components. This Warranty is not applicable to any product(s) which are not installed and operated in accordance with the current edition of The National Electric Code (NEC), the Standards for Safety of Underwriters' Laboratory, Inc. (UL), or the standards for the American National Standards Institute (ANSI), and with Metal Lighthouse instructions and guidelines for the Product. THIS WARRANTY IS VOID WITH RESPECT TO ANY PRODUCT IF THE PRODUCT IS NOT USED FOR THE PURPOSE FOR WHICH IT WAS DESIGNED OR IF ANY REPAIRS OR ALTERATIONS ARE MADE BY ANY PERSON NOT AUTHORIZED BY METAL LIGHTHOUSE IN WRITING.



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## Lighting Products Limited Warranty

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Except as otherwise set forth herein, Metal Lighthouse does not warrant battery packs, photocells, occupancy sensors, low voltage indicators, fuses, surge suppressors, surge protection devices, and other third party devices that are not manufactured by Metal Lighthouse, which are covered by the applicable third party manufacturer warranty (if any). Such third party manufacturer shall be solely responsible for the costs related to any claims associated with any such devices.

**Remedy:** If the Product(s) fail to comply with the terms of this Warranty and the end user (and the purchaser of the Product(s) if different from the end user) has fully complied with all of the obligations under this Warranty and the Terms and Conditions of Sale for Metal Lighthouse, Inc. (which are available at [www.metallighthouse.com](http://www.metallighthouse.com)) including, without limitation, payment in full in respect of the Products, Metal Lighthouse, at its sole option, will repair or replace the Product(s) with the same or a functionally equivalent Product(s) or component part(s). Specifically, Metal Lighthouse will repair the Product, replace with a similar or like Product (as determined by Metal Lighthouse in its sole discretion), or issue a credit to the purchaser which may be used for future Metal Lighthouse product purchases. (The amount of such credit shall be calculated by Metal Lighthouse at its sole discretion). Metal Lighthouse reserves the right to use new, reconditioned, refurbished, repaired or remanufactured products or parts in the repair or replacement of any Product covered by this Warranty. This Warranty excludes any and all removal or reinstallation costs and expenses including, without limitation, labor and equipment required to remove and/or reinstall original or replacement Product(s) or parts, shipping costs to return nonconforming Products(s) or any damage that may occur during the return of any Product(s) to Metal Lighthouse. This Warranty only extends to the Products as delivered to, and is for the sole and exclusive benefit of, the end user of the Products at the original location. This Warranty may not be transferred or assigned by the end user. The repair, issuing of future purchase credit or replacement of any Products or component part within the Products is the sole and exclusive remedy for failure of the Products to comply with the terms of this Warranty and does not extend the Warranty period. Warranty claims regarding Products must be submitted in writing within thirty (30) days of discovery of the defect or failure to an authorized Metal Lighthouse customer service representative. Products or component parts may be required to be returned for inspection and verification of non-conformance by Metal Lighthouse, but no Products or component parts will be accepted for inspection, verification or return unless accompanied by a completed return materials authorization form which can be obtained only from an authorized Metal Lighthouse customer service representative. Metal Lighthouse is not responsible for any costs and expenses incurred in connection with the shipment of Products to Metal Lighthouse, but Metal Lighthouse shall bear all cost and expense incurred in connection with the shipment of replacement Products to the end user.

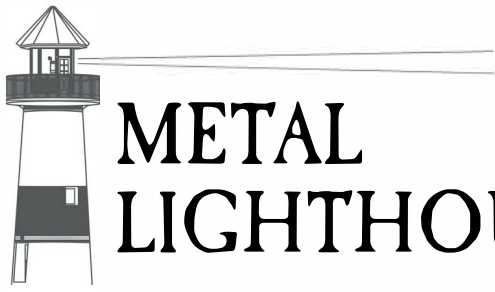
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## **Lighting Products Limited Warranty**

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**Right to Modify or Discontinue Warranty:** This Warranty is effective for the purchases of Products on or after the effective date set forth herein and is in consideration of and is expressly subject to and conditioned by the terms set forth herein. Metal Lighthouse reserves the right to modify or discontinue this Warranty without notice provided that any such modification or discontinuance will only be effective with respect to any Products purchased after such modification or discontinuance.

Effective November 13, 2019

\*Includes LED arrays and LED drivers but excludes surge protection devices and other integral controls described in the Warranty. Devices and components manufactured by Metal Lighthouse and included with the Products are warranted separately.



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