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LEDRCPL-EMG-450-WCM

45 Watt LED Garage Light w/ Emergency Battery Backup - Quick Hang Mount - 120-277V AC - IP65 Rated

Product ID: 147739

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

LEDRCPL-EMG-450-WCM Wall Pack Light

Listing: United States - Canada
Lamp Type: LED
Dimensions (Inches): 12 1/4"-L x 16"-W x 12 1/4"-H
Dimensions (CM): 31.1-L x 40.6-W x 31.1-H
Weight: 7.9 Lbs.
Voltage: 110-277 Volts AC 45/60hz
Watts: 45
Total Lumens: 2,724
Luminous Efficacy: 45 lm/w
LED Life Expectancy: 50,000 hours
Lighting Configuration: Flood
LED Light Color: 4000K or 4500K
Color Rendering Index: >75
Power Efficiency: 85%
Power Factor: >0.95
Amp Draw: 0.37 A @ 120V, 0.20 @ 240V, 0.16 @ 277V
Housing Materials: Die Cast Aluminum Alloy 2-Part Housing
Lens Materials: Prismatic Polycarbonate Lens
Gasket Materials: Injection Molded Rubber
Ingress Protection: IP65
Ambient Temp Range: -40°C to +60°C
Mounting: Pendant, Quick Mount
Wiring: Pigtail

Quick Summary / Features

Listed for United States and Canada
Waterproof
Operates on Standard 110-277 VAC
Vibration Resistant Construction
50,000 Hour LED Life
IP65 Waterproof
Approved for Confined Spaces
Approved for Indoor Use
Approved for Outdoor Use
Approved for Wet Locations
Ambient Temp Range -40°C to +60°
High Performance Integrated LED Assembly
Replaces 175 Watt Metal Halide Light Fixtures
Up to 76% Savings in Energy and Maintenance
Housing Matches Existing Fixtures
Switch Leg for Powering Light On/Off
Battery Backup for Emergency Situations

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187

Wiring Hub: Four 1/2" NPT Knock-outs

E-mail: sales@larsonelectronics.com

The LEDRCPL-EMG-450-WCM LED Quick Hang Mount LED Garage Light w/ Emergency Battery Backup offers high light output from a compact form factor and is designed to provide a more durable and long lived alternative to halogen and metal halide units. This 45 watt LED light is designed to replace 175 watt metal halide garage lights and produces a wide flood beam without the high heat, fragile construction, or high energy costs of traditional lighting. The LED LEDRCPL-EMG-450-WCM operates on voltages of 100-277V AC and provides 100,000 hours of reliability and up to 76% savings compared to traditional 175 watt metal halide garage light fixtures. This canopy LED features a battery back-up for up to 90 minutes of light in emergency situations.

The popular LEDRCPL-EMG-450-WCM LED garage light from Larson Electronics features an emergency battery backup and is designed to replace more fragile and energy consuming 175 watt metal halide fixtures, without the required maintenance or electrical requirements associated with metal halides. This 45 watt LED garage light assembly consists of an integrated LED assembly paired with a reflector style polycarbonate lens to produce a wide light distribution suitable for replacing 175 watt metal halide flood lights. This LED ceiling mount garage light features a 2-piece housing constructed of die cast aluminum alloy with an injected molded rubber gasket resembling that of style garage light fixtures. This LED garage light is designed to withstand demanding conditions and is IP65 waterproof and built to resist the damaging effects of an outdoor environment. This fixture can be used indoors or outdoors as well as in confined spaces without heat buildup.

Click Photo to Enlarge

Click Photo to Enlarge

This emergency LED light works, mounts and is wired like our LEDRCPL-EMG-450-WCM traditional LED garage lights. The main difference is that we have added a battery back-up unit that adds emergency light functionality to the fixture. This emergency battery back-up will run one bulb at the standard UL suggested 90 minutes after power is lost at 3,500 lumens. The light recharges the battery once electrical power is restored. Standard configuration includes a single emergency battery backup that is automatically recharged and kept in a ready state. The battery back-up unit includes a switched leg for turning the light fixture on/off without kicking the unit into emergency mode.

Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied and emitting light. With LED lights, there is no warm up time or cool down time before re-striking and provide instant illumination when powered on, adding to the reliability of LED technology. By nature, LED light sources run significantly cooler than lamps, reducing the chance of accidental burns and increased temperatures due to heat emissions. This solid state design of light emitting diodes provides a more reliable, stable, durable, and energy efficient light source over lighting.

	Metal Halide	LED	Savings
Wattage	175* watts	45 watts	-130 watts
Amp Draw @ 120V AC	1.45 amps	0.37 amps	-1.08 amps
Amp Draw @ 220V AC	0.76 amps	0.20 amps	-0.59 amps
Amp Draw @ 240V AC	0.73 amps	0.18 amps	-0.55 amps
Amp Draw @ 277V AC	0.63 amps	0.16 amps	-0.47 amps
Lamp Life Expectancy	20,000 hours	100,000 hours	+80,000 hours
Operation cost per year - each	$91.98	$23.65	**$68.33/yr**

(12hs/day @ 12c/kWh) Operation cost per year - 45 fixtures (12hs/day @ 12c/kWh)	$4,599.00	$1,182.50	**$3,416.50/yr**
	*Includes ballast factor	LED has no ballast	

80% in energy savings alone, before cost of maintenance for metal halide fixtures.
Up to 76% annual savings possible by switching to LED.

This LED garage light is universal voltage, not multi-tap, and can be operated on a range of voltages from 100 volts to 277 volts AC 45/60Hz providing versatile power options for all locations. The LEDRCPL-EMG-450-WCM provides an efficient and highly durable alternative to standard 175 watt metal halide as well as halogen, fluorescent, and compact fluorescent garage lights while using only a fraction of the power.
With the LEDRCPL-EMG-450-WCM there is no warm up period, the light can be cycled on and off without any reduction in lamp life, there is no glass or filament to shatter or break, and the solid state LED design provides 100,000 hours of operation. The LEDRCPL-EMG-450-WCM is ideal for garage lighting, garage down lighting, monuments, docks, warehouses, large parking lots, gas stations, carports, loading areas, garages, commercial buildings, schools, public areas, and security systems just to name a few examples.

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Frequently Asked Questions (FAQ)

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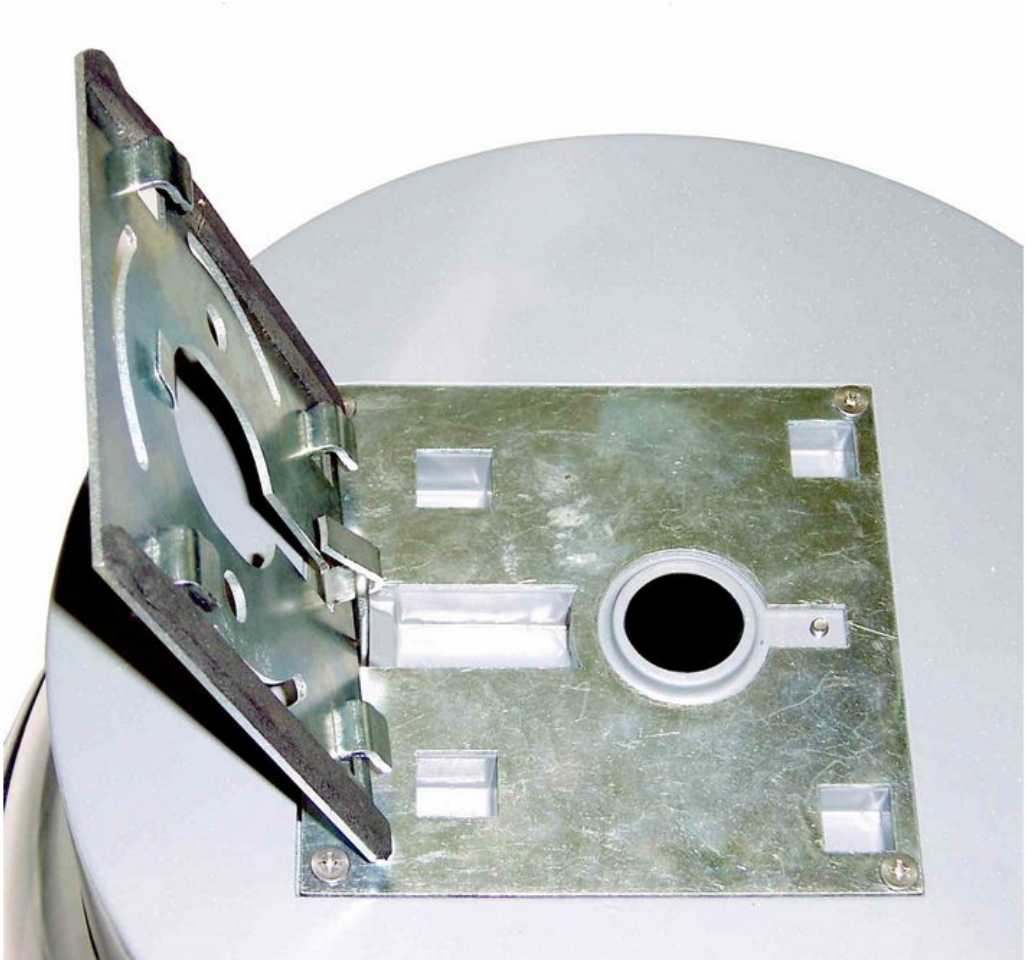

LEDRCPL-EMG-450-WCM
Product ID: 147739

Warranty: 60 Months

Harmonized System (HS) Code: 9405.41.84.10
Export Control Classification Number (ECCN): EAR99

Options:
LEDRCPL-EMG-450-WCM-Color Temp
Example: LEDRCPL-EMG-450-WCM-50K

Color Temp	
5000K	-50K
4000K	-40K

Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**