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LEDCPL-800-DCM

80W LED Canopy Light - Replaces 250 Watt Metal Halide Fixtures - 120-277V AC - IP65 - Ceiling Mount

Product ID: 242985

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.

LEDCPL-800-DCM LED Canopy Light
Listing: United States - Canada
Lamp Type: LED
Dimensions: 10.05"L x 3.3"W x 10.05"H
Weight: 8.5 lbs
Voltage: 120-277V AC, 50/60Hz
Watts: 80
Total Lumens: 10,400
Luminous Efficacy: 130 Lm/W
LED Life Expectancy: 50,000 Hours
Lighting Configuration: Flood
LED Light Color: 5000K
Color Rendering Index: 80
Power Factor: >0.95
Housing Materials: Die Cast Aluminum
Housing Color: Bronze, White or Black
Lens Materials: Prismatic Polycarbonate Lens
Finish: Powder Coated
Ingress Protection: IP65
Ambient Temp Range: -40°C to +45°C
Mounting: Ceiling / Flat Surface
Wiring: Pigtail
Wiring Hub: Four 1/2" NPT Knock-Outs

Ratings/Approvals
NRTL Listed for United States and Canada
Waterproof
Operates on Standard 120-277V AC
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 -30°C to +45°C
High Performance Integrated LED Assembly
Replaces 100 Watt Metal Halide Light Fixtures
Up to 76% Savings in Energy and Maintenance
NRTL Certified to UL 1598 for Wet Locations

Special Orders - Special Requirements
Contact us for special requirements

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The LEDCPL-800-DCM from Larson Electronics is a Low Profile LED Ceiling Mount Canopy Light that 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 80 watt LED light is designed to replace 250 watt metal halide canopy lights and produces a wide flood beam without the high heat, fragile construction, or high energy costs of traditional lighting. The LEDCPL-800-DCM produces 10,400 lumens, provides 50,000 hours of reliability and offers up to 76% savings compared to traditional 250 watt metal halide canopy light fixtures.

The popular LEDCPL-800-DCM low profile LED canopy light from Larson Electronics is designed to replace more fragile and energy consuming 250 watt metal halide fixtures, without the required maintenance or electrical requirements associated with metal halides. This 80 watt LED canopy light assembly consists of an integrated LED assembly paired with a polycarbonate lens to produce a wide light distribution suitable for replacing 250 watt metal halide flood lights. This LED ceiling mount canopy light features a 2-piece housing constructed of die cast aluminum alloy with an injected molded rubber gasket resembling that of style canopy light fixtures. This LED canopy 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.

The LEDCPL-800-DCM consists of an integrated LED assembly housed within a waterproof die cast aluminum housing that is powder coated for added durability and resistance to corrosion. The 2-part, die-cast aluminum housing allows for easy ceiling mount installation and future servicing, and the aluminum design helps heat dissipation and increased LED longevity. The LED lamp assembly is protected by a prismatic polycarbonate lens which is secured to the housing with a one piece injected rubber seal. This prismatic polycarbonate lens is designed for superior light distribution. Four 1/2" NPT knockouts located on three of the sides and back of the fixture provide a secure and sealed power connection point and rounds out this unit`s weather resistant construction. The housing design of this LED canopy light helps maintain building aesthetics when replacing existing canopy lighting.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. 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, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

This LED canopy light is universal voltage, not multi-tap, and can be operated on a range of voltages from 120 volts to 277 volts AC 50/60Hz providing versatile power options for all locations. The LEDCPL-800-DCM provides an efficient and highly durable alternative to standard 250 watt metal halide as well as halogen, fluorescent, and compact fluorescent canopy lights while using only a fraction of the power. With the LEDCPL-800-DCM 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.

Suggested Applications: The LEDCPL-800-DCM is ideal for canopy lighting,

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.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

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Product ID: 242985

Harmonized System (HS) Code: 9405.41.84.10

Export Control Classification Number (ECCN): EAR99

Options:

LEDCPL-800-DCM-Color Temp-Housing Color

Example: LEDCPL-800-DCM-40K-BRNZ

Color Temp	
4000K	-40K
4500K	-45K
5000K	-50K

Housing Color	
BRONZE	-BRNZ
WHITE	-WHT
BLACK	-BLK

Links (Click on the below items to view):

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