

## CPRM100

100W Recessed Mount LED Canopy Fixture

Catalog #

Note

Type

### Product Description

The CPRM100 recessed mount LED canopy is designed to mount directly into the canopy deck at gas stations for general lighting. The LED canopy accepts 120-277VAC, consumes 100W and delivers 10000 lumens at 5000K.

The CPRM100 LED canopy equips with CREE LED and Meanwell driver. The fixture is constructed from rugged die-cast and extruded aluminum components. The high efficiency heat sinks maximize the performance and life of LED. LED driver is mounted in a sealed weather-tight chamber. The luminaire housing is equipped with gasket and provides a watertight seal between luminaire housing and canopy deck, and secured in place with die-cast aluminum trim frame.

### Performance Summary

120-277VAC Input Voltage

100W Input Power

100 LPW Efficacy

10,000 Lumens Lighting Output

5000K Color Temperature

50,000 Hours Lifetime

5 Years Warranty

Motion Sensor Optional

IP65 Rated for Outdoor Application

Recessed Canopy Deck Mounting



### Ordering Information

Example: CPRM100HU50K100L5MT

| MODEL                          | WATTAGE  | VOLTAGE       | COLOR TEMP | LUMEN OUTPUT  | OPTICS            |
|--------------------------------|----------|---------------|------------|---------------|-------------------|
| CPRM Recessed Mount LED Canopy | 100 100W | HU 120-277VAC | 50K 5000K  | 100L 10,000LM | 5MT Type V Medium |

#### Notes:

Lead times will vary depending on options selected. Consult with your sales representative.

Specifications tolerance:  $\pm 5\%$ .

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### Features & Specifications

#### CONSTRUCTION & MATERIALS

- Die-cast aluminum housing
- Integral secondary heat sink to optimize thermal transfer and maximize performance and life of LED
- Driver is mounted in direct contact with the chamber for a low operating temperature and long life
- Rust and corrosion proof, rust and corrosion proof

#### MOUNTING AND WIRING

- Mount directly into canopy deck
- Retrofit kit available, please consult factory for details

#### ENVIRONMENTAL SYSTEM

- IP65 rated and suitable for wet locations

#### OPTICAL SYSTEM

- High quality shock proof PMMA lens with UV inhibitors
- Type V medium lighting distribution (120 degree)
- High performance CREE LEDs mounted on metal core board and integral aluminum heat sink
- Color temperature: 5000K. Other color temperature available for special order, consult factory for lead time

#### ELECTRICAL SYSTEM

- Integral high performance Mean Well LED driver
- Universal input voltage 120-277VAC, 50/60Hz

| PHYSICAL SPECIFICATION         |                                    |
|--------------------------------|------------------------------------|
| Dimension                      | L40XW40XH12 cm                     |
| Housing                        | Die cast aluminum                  |
| Lens Type                      | High quality shock proof PMMA lens |
| Finish                         | White                              |
| Mounting                       | Recessed mounting into canopy deck |
| ENVIRONMENTAL SPECIFICATION    |                                    |
| Temp Range                     | -30-70 °C operating                |
| Humidity Range                 | 20% - 95% RH                       |
| Ingress Protection             | IP65                               |
| OPTICAL SPECIFICATION          |                                    |
| Luminous Flux                  | 10,000 lm                          |
| Efficacy                       | 100 lm/W                           |
| CCT                            | 5000 K                             |
| CRI                            | 80                                 |
| ELECTRICAL SPECIFICATION       |                                    |
| Input Voltage                  | 120-277 VAC, 50/60 Hz              |
| Input Power                    | 100 W                              |
| Power Factor                   | 0.95                               |
| Total Harmonic Distortion      | 15%                                |
| LONGEVITY AND WARRANTY         |                                    |
| L70 Life                       | 50,000 hrs                         |
| Warranty                       | 5 years                            |
| LISTING AND CERTIFICATES       |                                    |
| Design Lights Consortium (DLC) |                                    |
| Lighting Facts                 |                                    |
| UL and cUL                     |                                    |
| CE and RoHS                    |                                    |