



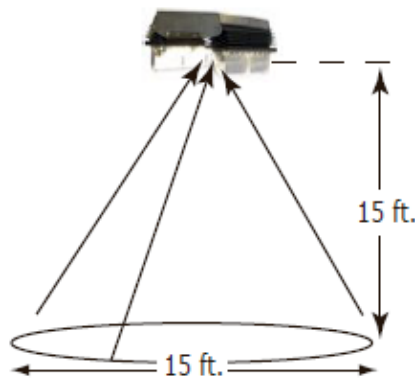
# CL-50 LED Canopy Fixture

## Robustly Engineered, High Efficiency LED Fixture for Canopy, Walkways and other Utility Lighting Applications

**High Efficiency Solid State Luminaire, Savings up to 65% over traditional Metal Halide or High Pressure Sodium Fixtures.**



**Patented integral downward looking photo control, using IR detection to prevent day burning..**



**Typical Photocell Detection Area**

The CL-50 is a high output and efficient LED fixtures robustly engineered to be vandal resistant and long lasting. Designed for a wide variety of applications, they are well suited to being deployed in spaces such as parking garage ramps, and entrances, in walkways, outdoor entrances, as well as many other uses..

### Engineered for Efficiency and Demanding Conditions

The CL-50 LED canopy fixtures contains high efficiency lights engines, and driver electronics to maximize power utilization. Thermal management prolongs the life of the fixture. Constructed of high quality materials, the fixture is designed to be low maintenance.

For the property owners the CL-50 provides high levels of light at very low energy consumption. The fixtures are engineered for demanding conditions in spaces and areas that are hard to police and monitor. The Wall Packs are sealed, with no air intakes, requiring no interior cleaning, thus saving maintenance expense. The CL-series are designed for a long service life.

### Canopy Light Series LED Luminaire Benefits:

- *Energy Savings* – Up to 47% savings in electrical costs are possible
- *Improved Light Quality* - providing the required illumination with uniformity
- *Lower Maintenance* - significantly longer lives with less fixture / better lumen maintenance
- *Dimmable Controls* – Instant-on without run-up or re-strike delays, ability to dim and energy manage
- *Reliability* – Thermally managed, highly engineered in both heat management and electronic designs to prevent premature lumen depreciation or failure.
- *No Hazardous Materials* – the fixtures contain no mercury or other hazardous materials lowering disposal costs

### Features:

- High output light engines at 6,400 lumens
- One unit can cover a 60' diameter under standard conditions
- LEDs with proprietary optics and controls to improve light quality and distribution.
- Sealed light engine has no air intake and no internal cleaning needed.
- High PF, current regulated power supply encapsulated for weather resistance and integrated transient protection.
- Thermal management and temperature protection to maximum LED life.

The CL-50 is designed for harsh environments and institutional settings, while providing a high degree of savings. Substantial savings can be achieved in both energy and maintenance costs. For more details, please consult with our engineering staff to see how to optimize the lighting for your environment to achieve these savings.

### Compatibility Chart / Energy Savings

Traditional Source	CL-50 Series	Energy Savings
HPS 150 to 250 watts	86 watts	42% to 65%
MH 150 to 250 watts	86 watts	42% to 65%

U.S. and International Patents Issued and Pending. US 7,419,128 B1, US 7,569,802 B1 , US 7,578,605 B1 , US 7,806,563 B1

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# CL-50 – Canopy Light Specifications

## Solid-State Outdoor LED Luminaire



The CL-50 fixture provides effective lighting in utility applications, such as ramp parking ramps, entrances, and walkways reducing fixture counts and saving energy.



Made in USA

### General Specifications

General	Light-weight fixture, sharp optical cutoff with limited light trespass, non-glare light engine.
Light Output	6,400 Lumens
Durability, Dust, and Moisture	Intrusion Protection Rating – IP66 on light engine, photo controls, and power supply
Color	5,000K Typical, other options available
Photo Control	On < 1 foot candle, Off at > 1.5 foot candle
Lifetime	10+ Year Design Life, over 70% of original lumen output after 70,000 hours at 30°C ambient temperature

### Environmental Specifications

Operating Temperature	-40°C to 55°C
Storage Temperature	-40°C to 85°C
Humidity	0% to 99%

### Power and Compliance Standards

Input Power	PF > 0.95
Wattage	86 watts
Operating Voltage	100 to 277VAC, 50 to 60 hertz, 480 VAC option avail.
Connections	3 wire: line, neutral and ground
Codes and Standards	NEC, NEMA, FCC Part 15 Class B, UL 1598 and 1870

### Physical Specifications

Finish and Construction	Clear Anodized Aluminum, and Stainless Steel. Heavy gauge aluminum extrusion, clear anodized finish, stainless steel fasteners, Injected molded, gasket sealed polycarbonate lens.
Dimensions	4 3/8" H x 18" W x 17 1/2" L
Weight	16 lbs.

### Ordering Information:

Family	Watts	Voltage	Color Temp.	Optics	Photo Control	Color	Mount
CL-50	86 Watts	100 – 277 volts 480 volts Custom: Contact Factory	4,100K 5,000K 6,500K	Normal Custom: Contact Factory	Enabled Disabled	Silver Custom: Contact Factory	- 4" or 6" Square Box - 4" or 6" Round Box - 4" or 6" J-Box Custom: Contact Factory



### Contact Information:

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Efficient, economical, highly engineered light fixtures saving our customer's energy