



# CPY Series

LED Canopy & Soffit







CPY250 with Flat Lens



CPY250 with Drop Lens

# A New Performance Standard for Canopy & Soffit Lighting.

## OUTSTANDING

### Performance

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Capable of saving more than 50 percent energy compared to traditional source technologies, the CPY250 also provides improved lighting quality that contributes to creating a safe and inviting site.

## UNBEATABLE

### Value

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Affordable to implement, the CPY250 was engineered to optimize both illumination and economic performance. The result is unbeatable value that contributes to a more profitable bottom line.

## EXCEPTIONAL

### Reliability

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Designed and assembled right here in the U.S.A., the CPY250 is built to provide more than a decade of near maintenance-free service. And it's backed by our industry leading 10-year limited warranty.

## EASY

### Installation

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Designed for ease of installation and versatility, the CPY250 can seamlessly mount to virtually any canopy. Optional pendant and hook and cord mounts are also available to expand its application range.

## WHY CREE?

# SUPERIOR PERFORMANCE, QUALITY CRAFTSMANSHIP.

### New Performance Standard for Canopy and Soffit Lighting

Every Cree® product is designed to meet a superior level of craftsmanship and quality, ensuring long life, precise light control and the superior aesthetics that make our products distinct.

The Cree CPY250 has been carefully designed to achieve superior illumination performance under every canopy and soffit. Ideal for petroleum gas stations, soffits, drive-through ATMs, and hotel/airport drop-off centers, the CPY250 provides a safe, comfortable, visually appealing environment.

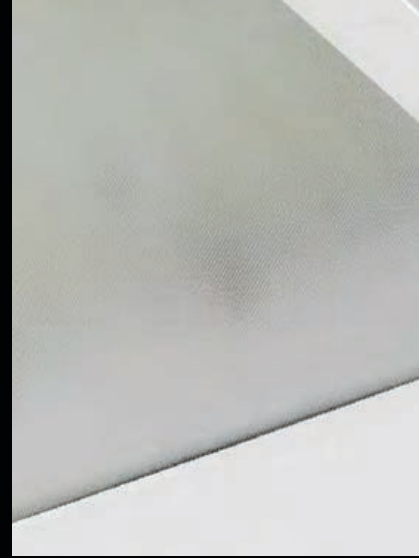
Featuring a slim low profile design, the CPY250 can mount onto virtually any canopy or soffit and offers the option of a flat lens or 1" prismatic drop lens to meet the vertical and horizontal illumination performance needs of the end application.

### Great Payback

With an affordable initial cost and low total cost of ownership, the CPY250 is designed for easy, quick and reliable installation and requires virtually no maintenance. With typical commercial usage of 12 hours per day at the national average of \$0.12 kWh, the CPY250 can deliver a payback period of less than two years - significantly lower than the typical metal halide solution.

### Industry-Leading Limited Warranty

Cree offers a standard 10-year limited warranty that covers the broadest product range in the industry, including the CPY250 luminaire. Along with the product warranty, Cree offers a standard 10-year limited warranty on our DeltaGuard® Finish, the finest industrial-grade finish available.





**The Result:**

# Dramatic Lighting, Operational Savings.

By blending technological innovation with architectural aesthetics, the CPY250 achieves superior illumination performance with quick and reliable installation and low total cost of ownership for dramatically better visibility in outdoor spaces.

## QUICK AND RELIABLE INSTALLATION

- Integrated driver
- Self-sealing screws
- Mounts to virtually any canopy deck

## DROP LENS

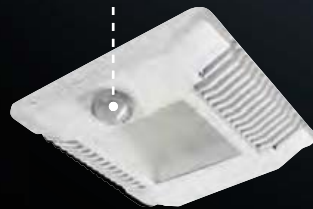
- Molded glass with prismatic contours
- Increased customer visibility of the site
- Helps in delivering a comfortable safe visual environment

## OPTIONAL OCCUPANCY SENSOR

- Reduced light levels and energy costs when the coverage area is vacant
- Ambient and occupancy control
- Field adjustable

## CPY250 WITH FLAT LENS

- Tempered textured glass



#### SUPERIOR THERMAL MANAGEMENT

- High performance heat sink
- Improves lumen performance and reliability

#### STATE-OF-THE-ART CREE LEDS

- Industry-leading LED portfolio
- High performance and proven reliability
- Optimized for lighting applications



#### Available Mounting Options



##### DIRECT MOUNT (DM)

Mounts directly to the canopy deck in a 2.0" (51mm) to 4.0" (102mm) round hole and is secured in place with self-sealing screws.



##### PENDANT MOUNT (PD)

Includes cord and J-box.



##### PENDANT MOUNT (PD)

Shown with optional pendant kit.



##### HOOK AND CORD (HC)

Provided with spring lock hook for mounting.

# Beautiful Aesthetics, Rugged Construction.

The CPY250 delivers up to 13,000 lumens of beautiful, high-quality light with superior efficiency. With rugged cast aluminum construction and an integral heat sink, the CPY250 can withstand the most challenging outdoor environments. Available with a flat or 1" prismatic drop lens, the luminaire provides two aesthetics to meet visual and illumination performance needs. The slim, low profile design enhances curb appeal, while offering seamless installation.

## PERFORMANCE SUMMARY

Made in the U.S.A. of U.S. and imported parts

**CRI:** Minimum 70 CRI

**CCT:** 5700K (±500) 4000K (±300)

**DELIVERED LIGHT OUTPUT:** 13,000 or 8,000 lumens

**SYSTEM WATTS:** 122W or 82W

**DIMMING:** 0-10V dimming control

### LIMITED WARRANTY:

10 years on luminaire / 10 years on Colorfast DeltaGuard® finish

**MOUNTING:** Surface mount, pendant, and hook and cord

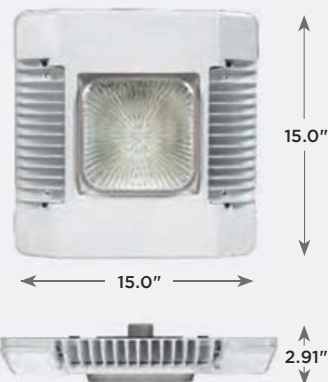
## CPY Series

LED Surface-Mount Canopy

### CPY250

Drop Lens

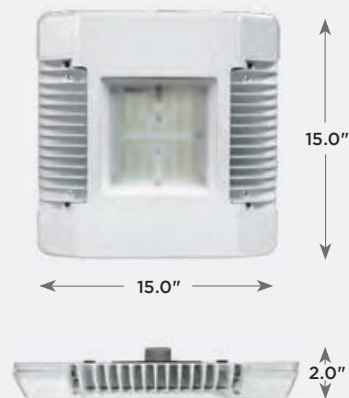
Dimensions: L 15.0" x W 15.0" x H 2.91"



### CPY250

Flat Lens

Dimensions: L 15.0" x W 15.0" x H 2.0"





## CONSTRUCTION & MATERIALS

- Slim, low profile design.
- Luminaire housing constructed of rugged cast aluminum with integral heat sink specifically designed for LED.
- Luminaire mounts directly to the canopy deck in a 2.0" (51mm) to 4.0" (102mm) round hole.
- Suitable for single or double skin canopies with minimum 4.0" (102mm) wide panels and a minimum 22 gauge, 0.030" (0.7mm) canopy thickness.
- Simple single hole drill for mounting to canopy.
- Exclusive Colorfast DeltaGuard® finish.

## ELECTRICAL SYSTEM

- Input Voltage: 120-277V or 347-480V, 50/60Hz, Class 1 drivers.
- Power Factor: >0.9 at full load.
- Total Harmonic Distortion: <20% at full load.
- Integral 6kV surge suppression protection standard.

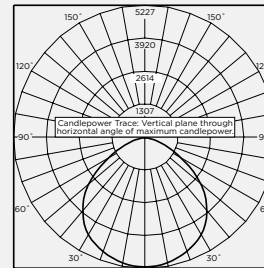
## REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed.
- Suitable for wet locations.
- Enclosure rated IP66 per IEC 60529.
- Consult factory for CE Certified products.
- Meets Buy American requirements within ARRA.
- Dark Sky Friendly, IDA Approved when ordered with flat lens.

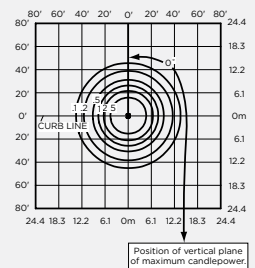
## PHOTOMETRY

All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP certified laboratory.

### FLAT LENS - OPTIC F

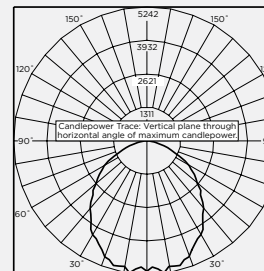


ITL Test Report #: 76865  
 CPY250-A-\*\*-F-B-UL  
 Initial Delivered Lumens: 13,636

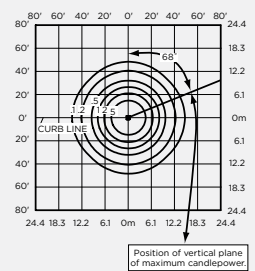


CPY250-A-\*\*-F-B-UL  
 Mounting Height: 15' (4.6m)  
 Initial Delivered Lumens: 13,000  
 Initial FC at grade

### DROP LENS - OPTIC D



CESTL Test Report #: 2013-0112  
 CPY250-A-\*\*-D-B-UL  
 Initial Delivered Lumens: 13,242



CPY250-A-\*\*-D-B-UL  
 Mounting Height: 15' (4.6m)  
 Initial Delivered Lumens: 13,000  
 Initial FC at grade

## LUMEN OUTPUT, ELECTRICAL, AND LUMEN MAINTENANCE DATA

CPY250 Canopy Luminaire				
Optic	Initial Delivered Lumens*	System Watts 120-277V	System Watts 347-480V	50K Hours Calculated Lumen Maintenance Factor @ 15° C (59° F)***
D	13,000	122	137	94%
F	13,000	122	137	94%
D	8,000	82	84	97%
F	8,000	82	84	97%

\* Actual production yield may vary between -4 and +10% of initial delivered lumens.

\*\*\*For recommended lumen maintenance factor data see TD-13. Calculated  $L_{70}$  based on 6,000 hours LM-80-08 testing: > 100,000 hours.



# America's Leading Innovator of LED Lighting

The CPY250 is a modern lighting system that gives businesses the freedom to light their site exactly as they choose. This system is built on innovative thinking and revolutionary technology that reflect America's pioneering spirit. How fitting, then, that it was designed and assembled right here in the U.S. by Cree, America's leading innovator of LED lighting.

Cree **IS** LED Lighting.

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