

# CPS SERIES - LED Commercial Down Light

The CPS SERIES - LED Commercial Down Light, 83 lm/W, Damp Rated, 0-10V Dimmable, Premium Indoor Luminaire, Smart Sensor Ready.

Project:
Date:
Catalog No:
Prepared By:

Light Engine shown with 6-IN Round Trim:



## Premium Features

Lumen Output	1245 to 1660 lumens
Efficacy	83 lm/W
Input Voltage	120-277V
Dimmable	0-10V Continuous
CCT	3500K
Wet Rating	Damp Rated
Trim Size	4-in, 6-in, 8-in, and 10-in
Warranty	5 Years

## Applications

Premium indoor luminaire for recessed mounting in ceiling spaces. Suitable for general indoor, lobbies, offices, meeting rooms, restrooms, hallways, hospitals, airports, hotels, restaurants and shopping centers.

## Construction

Interchangeable Light Engine with built-in junction box and Trim options. Manufactured for durability using aluminum sheet housing with satin white trim lip to resist corrosion, discoloration, and scratching. Damp Rated. Deep recessed lens to minimize ambient glare.

## Electrical

Input voltage 120-277V models with 0-10V Continuous Dimming. Operating temperatures -4°F to 113°F (-20°C to 45°C).

## Mounting

Quick installation spring-bars for installations without housing. Round Reflector Trims for 4-in, 6-in, 8-in, and 10-in available. Square Reflector Trims for 4-in and 6-in available. Round Wall Washers for 4-in and 6-in available. Square Wall Washers 4-in and 6-in available. Installation Frames for New Construction available in 4-in, 6-in, and 8-in.

## Optics

Anti-UV Frosted Polycarbonate Lens.

## Listings

UL certified to meet US and Canadian standards. FCC, CE and RoHS compliant. ENERGY STAR listed to qualify for energy-efficient LED lighting rebates.

## Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

### Light Engine



Fits all Trims

### Round Trims



4-in, 6-in, 8-in, and 10-in

### Square Trims



4-in and 6-in

### Round Wall Washers



4-in and 6-in

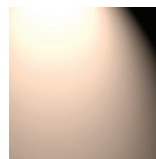
### Square Wall Washers



4-in and 6-in

## Correlated Color Temperatures (CCT)

3500K



## Specifications

### Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 15W, 20W

Power Factor: >0.9

Total Harmonic Distortion (THD): <20%

Operating Temperature: -4°F to 113°F (-20°C to 45°C)

### Lighting Data

Lumens: 1245, 1660

Lumens Per Watt: 83 lm/W

Color Correlated Temperature (CCT): 3500K

Dimmable: 0-10V

Color Rendering Index (CRI): >80

L70: 50000 hours

## Ordering Information

Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions
FI-CPS-D15W-35E	15W	120-277V	0.13A@120V, 0.05A@277V	1245	83 lm/W	3500K	0-10V	Silver w/ White Lip Trim	Light Engine ø 3.75"C x 3.5"H (See below for Trim Dimensions)
FI-CPS-D20W-35E	20W	120-277V	0.17A@120V, 0.07A@277V	1660	83 lm/W	3500K	0-10V	Silver w/ White Lip Trim	Light Engine ø 3.75"C x 3.5"H (See below for Trim Dimensions)

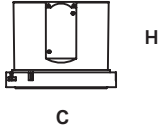
Trim	Mount
CP4-TRIM	4-in Round Trim CP4-Frame 4-in Installation Frame
CP6-TRIM	6-in Round Trim CP6-Frame 6-in Installation Frame
CP8-TRIM	8-In Round Trim CP8-Frame 8-In Installation Frame
CP10-TRIM	10-In Round Trim
CP4-TRIM-SQUARE	4-in Round Wall Washer
CP6-TRIM-SQUARE	6-in Round Wall Washer
CP4-ROUND WALL WASHER	4-in Square Trim
CP6-ROUND WALL WASHER	6-in Square Trim
CP4-SQUARE WALL WASHER	4-in Square Wall Washer
CP6-SQUARE WALL WASHER	6-in Square Wall Washer



# Physical Dimensions

## Light Engine

∅ 3.75"C x 3.5"H



## Round Trims



**4-IN**  
65° Beam Angle

C

∅ 5.52"C

Mounting:  
Min ∅ 4.70"  
Max ∅ 5.20"



**6-IN**  
70° Beam Angle

C

∅ 7.62"C

Mounting:  
Min ∅ 6.00"  
Max ∅ 7.30"



**8-IN**  
75° Beam Angle

C

∅ 9.22"C

Mounting:  
Min ∅ 7.40"  
Max ∅ 8.90"



**10-IN**  
75° Beam Angle

C

∅ 11.90"C

Mounting:  
Min ∅ 9.50"  
Max ∅ 10.80"

## Round Wall Washers



**4-IN**  
∅ 6.38"C

C

Mounting:  
Min ∅ 5.30"  
Max ∅ 6.00"

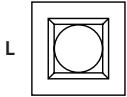


**6-IN**  
∅ 7.62"C

C

Mounting:  
Min ∅ 6.00"  
Max ∅ 7.30"

## Square Trims

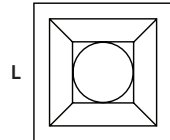


**4-IN**  
65° Beam Angle

6.38"L-W

W

Mounting:  
Min 5.30"L-W  
Max 6.00"L-W



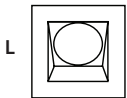
**6-IN**  
70° Beam Angle

7.62"L-W

W

Mounting:  
Min 6.00"LW  
Max 7.30"LW

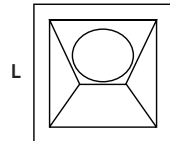
## Square Wall Washers



**4-IN**  
6.38"L-W

W

Mounting:  
Min 5.30"L-W  
Max 6.00"L-W



**6-IN**  
7.62"L-W

W

Mounting:  
Min 6.00"LW  
Max 7.30"LW