



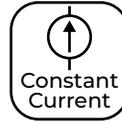
# CCPSD Series

Dimmable Constant Current Drivers

Project \_\_\_\_\_

Date \_\_\_\_\_ Type \_\_\_\_\_

CCPSD-21W-1400



### Available Models<sup>1</sup>

- CCPSD-21W-1400
- CCPSD-25W-1050
- CCPSD-36W-1800

### Part Number Breakdown

Example: CCPSD-25W-1050

Series	Output Wattage	Current Output
<b>CCPSD</b> [Constant Current Power Supply, Dimmable]	<b>21W</b> [21W]	<b>1400</b> [1400mA]
	<b>25W</b> [25W]	<b>1050</b> [1050mA]
	<b>36W</b> [36W]	<b>1800</b> [1800mA]

### Overview

The CCPSD series Constant Current Driver is a reliable power solution for LED lighting systems. Durable construction maintains an IP65 rating for indoor or outdoor application. High efficiency of 87% and fanless design allow this device to operate with in a wide temperature range. Can be used to replace an existing driver. Please check voltage and wattage of the previous driver to make sure this is a compatible replacement.

### Features

- Class 2 Constant Current
- Fully enclosed body
- Fanless design
- 0-10V and PWM dimmable
- Weatherproof IP65

### Product Details

- 120-277 VAC input
- 2kV surge protection
- Wire gauge: 18AWG IN/OUT, 20AWG dimming
- Protections: short circuit, overload, open circuit, and overtemperature

### Certifications and Compliances

- UL Recognized: UL 8750, UL 1310
- FCC compliant



### Accessories

- Commercial Buildings
- Commercial Lighting
- Displays
- Sign Lighting

### Warranty

- 5-year warranty

### Optional Accessories

- 6ft, 5-15P Power Cord (\_POWERCORD)



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<sup>1</sup>Contact customer service if interested in other options.



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## Specifications

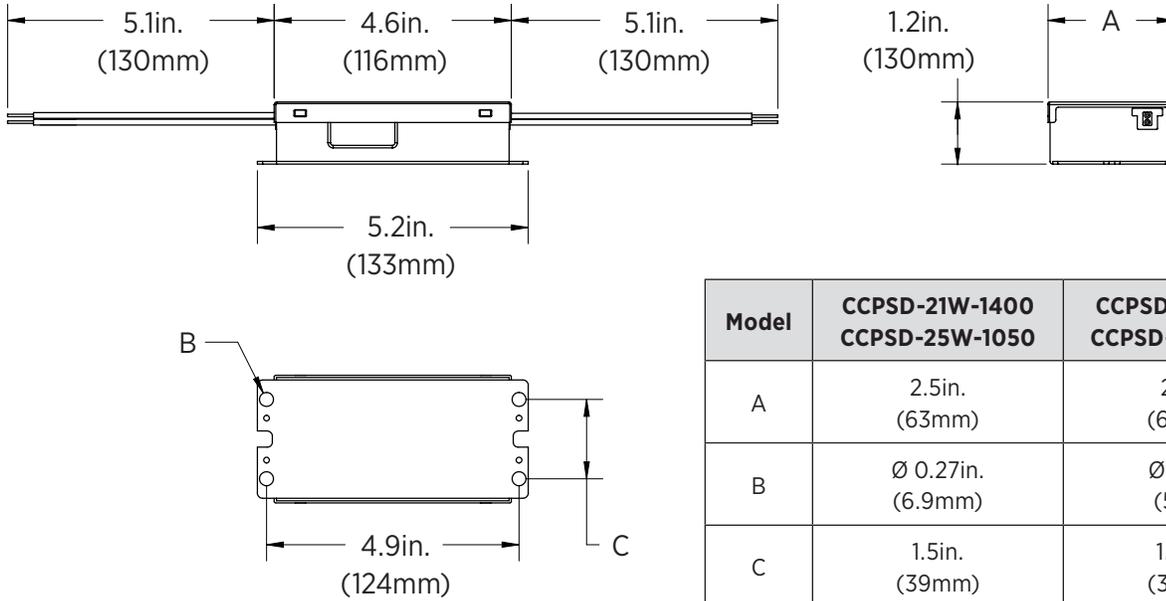
MODELS		CCPSD-21W-1400	CCPSD-25W-1050	CCPSD-36W-1800
<b>INPUT</b>				
Input Voltage		120-277 VAC		
Input Frequency		50/60Hz		
Input Current	120 VAC	220mA	270mA	220mA
	277 VAC	110mA	110mA	110mA
Efficiency (TYP)		86%	87%	87%
Input Power		24W	28W	41W
Inrush Current (max)		20A	25A	30A
Power Factor		≥0.9		
Total Harmonic Distortion		THD≤20%		
<b>OUTPUT</b>				
Output Power		21W	25W	36W
Output Voltage		9-15 VDC	14-24 VDC	12-20 VDC
Output Current		1400mA	1050mA	1800mA
Output Channels		1		
<b>DIMMING</b>				
Dimming Control		0-10V, PWM		
0-10V Circuit Frequency		480Hz - 1kHz		
Minimum Dimming Level		0% (dims to off)		
<b>PROTECTIONS</b>				
Protection Types		Short Circuit, Overload, Open Circuit, Over Temperature		
Surge Rating		2kV		
<b>ENVIRONMENTAL</b>				
IP Rating		IP65		
Environmental Rating		Suitable for Damp Locations, Waterproof		
Ambient Operating Temperature		-40 to 50°C (-40 to 122°F)		
Maximum Tcase Temperature		90°C (194°F)		
<b>MECHANICAL HOUSING</b>				
Wire Gauge		18AWG (I/O), 20AWG (dimming)		
Housing Color		Silver		
Case Material		Aluminum Housing, Galvanized Steel Top		
Mounting		Surface Mount		
Weight		0.86lb (390g)	0.86lb (390g)	0.74lb (336g)



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Dimmable Constant Current Drivers

## Dimensional Drawing



Model	CCPSD-21W-1400 CCPSD-25W-1050	CCPSD-25W-620 CCPSD-36W-1800
A	2.5in. (63mm)	2.5in. (63mm)
B	Ø 0.27in. (6.9mm)	Ø 0.2in. (5mm)
C	1.5in. (39mm)	1.25in. (32mm)

