



CCPSD Series

Constant Current TRIAC Dimming LED Drivers

Project _____

Date _____ Type _____



CCPSD-35W-1400T



CCPSD-25W-700T



Features

- TRIAC dimmable
- Constant current output
- 120 VAC input
- Built-in open-circuit, short-circuit, overload, and over-temperature protection

Application

These drivers are an excellent solution for the remote mounting of low voltage LED lights such as LED strips and boards in indoor and outdoor applications.

Available Models

- CCPSD-25W-700T
- CCPSD-35W-1400T

Part Number Breakdown

Example: CCPSD-25W-700T

Family	Max Output Wattage	Constant Current Output	Dimming Type
CCPSD	25W [25 W]	700 [700 mA]	T [TRIAC]
	35W [35 W]	1400 [1.4 A]	

Optional Accessories

120 V TRIAC Dimmers

- Single-pole witch and slide wall dimmer (DND-LED1-1-x)
- 3-way switch and slide wall dimmer (DND-LED3-1-x)

Certifications and Compliances

These drivers are Class 2 and are UL Recognized in compliance with UL 1310 and UL 8750 (FKSZ2).

These drivers are also FCC approved.

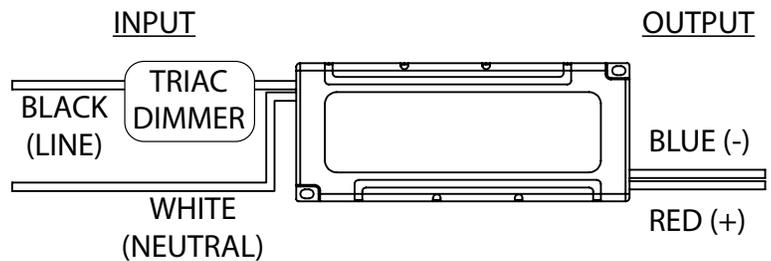


Warranty

Three (3) Year Warranty

Wiring

Case must be properly grounded during use.



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www.diode-drive.com

www.superbrightleds.com/cat/power-supplies

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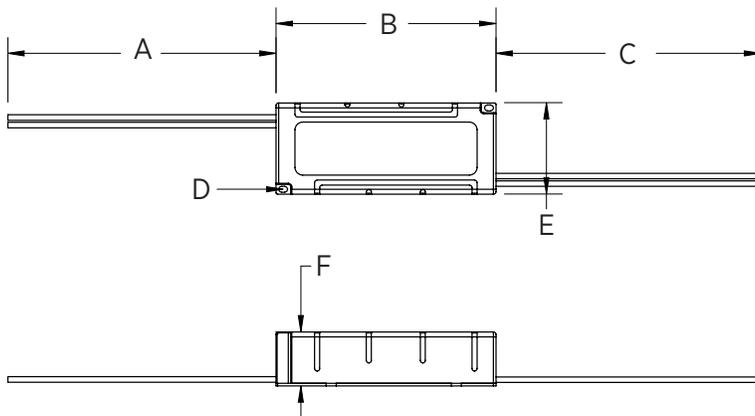
Specifications are subject to change without notice.

Printed in the U.S.A.

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Dimensional Drawing



Model	CCPSD-25W-700T	CCPSD-35W-1400T
A	6.25 in. (159 mm)	6 in. (152 mm)
B	3.9 in. (98 mm)	4.4 in. (111 mm)
C	6.25 in. (159 mm)	6 in. (152 mm)
D	Ø 0.11 in. (3 mm)	Ø 0.12 in. (3 mm)
E	1.5 in. (37 mm)	1.8 in. (46 mm)
F	1 in. (26 mm)	1.1 in. (27 mm)

Specifications

Model	CCPSD-25W-700T	CCPSD-35W-1400T
Input Voltage	120 VAC	
Maximum Input Wattage	30 W	42 W
Maximum Input Current	260 mA @120 VAC	350 mA @120 VAC
Output Voltage	25-35	18-25
Maximum Output Wattage	25 W	35 W
Output Current	700 mA (constant)	1.4 A (constant)
Dimming	TRIAC	
TC _{case} (Max. Case Temperature)	122° F (50° C)	
THD (Total Harmonic Distortion)	20% (max)	
Inrush Current Rating	25 A (max)	30 A (max)
Efficiency (typical)	85%	
Power Factor	≥0.9	
Surge Protection	1 kV	
Ambient Operating Temperature	32°-122° F (0°-50° C)	
IP Rating	IP30	
Case Material	polycarbonate and ABS blend	
Weight	0.31 lb (141 g)	0.46 lb (209 g)