

# L2-CC

## Constant Current Driver, Dimmable, 30W, Output: 75/150/300/600mA, 9-60Vdc

The L2-CC driver converts main PDM power into constant current regulated power. It plugs into a Power Distribution Module (PDM) Socket and sends power to one or more LEDs attached to the associated RJ45 Port. This is used for LED fixtures requiring constant current where a driver or regulator is not inside the bulb. This module does not require an L2-APR. Its output level is controlled by a Channel Zone Controller like an L2-DM, L2-SW, or L2-CH16. The L2-CC driver automatically adjusts its power output to maintain accurate current regardless of the length of Cat5/6 attached. This ensures consistent fixture intensity. Small LED lights can be connected in Series. LEDs in series must have an identical Current requirement of each other and the L2-CC current DIP switches must be set to match the LED current requirement. L2-CC are full range buck-boost drivers so the total attached LED voltage can be anywhere from the minimum to the maximum total voltage. Choose from 75mA, 150mA, 300mA, or 600mA current settings.

### POWER

Power output	20W (12-24VDC supply) 30W (40-65VDC supply) (recommended)
Output current	Selectable: 75mA, 150mA, 300mA, 600mA
LED output voltage	9 - 65VDC
PDM input voltage	12 - 56VDC
Regulator frequency	250kHz
Efficiency	88%
Absolute maximum voltage	60VDC

### ZONE CHANNEL INPUT

Control channel signal type	Controlled by 0-5VDC, PWM dimming
Channel frequency	122-2000Hz

### PHYSICAL/ENVIRONMENTAL

Dimensions	1.65 x 0.95x 0.23in (42 x 24 x 6mm)
Operating temperature	+32°F to +122°F (0°C to +50°C)
Operating humidity	5% to 95% Non-condensing
Environmental	RoHS
Safety certifications	ANSI/UL 2108, UL/CSA 60950-1, CAN/CSA C22.2#250.13, CSA C22.2#9.0, CSA C22.2#223, FCC, CE

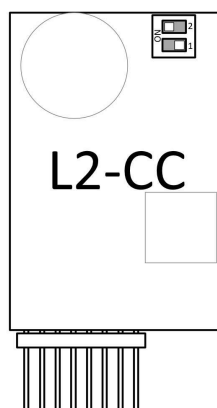
Rating Dry Rated

### WARRANTY

Duration 5 Years



L2-CC DIP Current Settings		
SW1	SW2	CURRENT OUTPUT
OFF	OFF	600mA
OFF	ON	300mA (default)
ON	OFF	150mA
ON	ON	75mA



### ORDERING INSTRUCTIONS:

PART ID	MODEL	DESCRIPTION
17020110.0	L2-CC	Constant Current Driver, Dimmable, 30W, Output: 75/150/300/600mA, 9-60Vdc