

**12VDC CLASS II 6 x 50W  
LED DIMMABLE POWER SUPPLY**  
by  
**GM Lighting**

Project: \_\_\_\_\_  
Type: \_\_\_\_\_  
Location: \_\_\_\_\_  
Contact Phone: \_\_\_\_\_

**PRODUCT DESCRIPTION**

Hardwire 12VDC Class II LED dimming power supply that works with conventional low voltage magnetic wall mount dimmer with on/off switch. Runs 6 separate 50W Class II 5 amp circuits. No minimum load (can be fully loaded). Manual reset.

**PRODUCT SPECIFICATIONS**

**Construction:** Transformer is encapsulated in all metal construction NEMA 3R enclosure. Enclosure temperature should not exceed 70°C (158°F) @ 40°C (104°F) ambient. Wiring compartment has 3 knockouts sized for 3/4" screw cable connectors. Removable cover for wiring compartment is secured in place by screws. Black powder coated.

**Electrical:** Thermal class B-130C. Input leads are 20 AWG. Output leads are 14 AWG. Lead insulation rated to 105°C (221°F). Transformer utilizes a class B 130°C (266°F) insulation system. Maximum load is 50W per circuit (300W max.) at 89.60% efficiency. Input voltage is 120V @ 60 Hz. Coil former is double section bobbin. Manual reset thermal 3A circuit breaker on primary side.

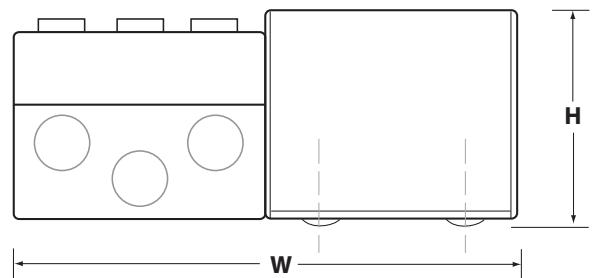
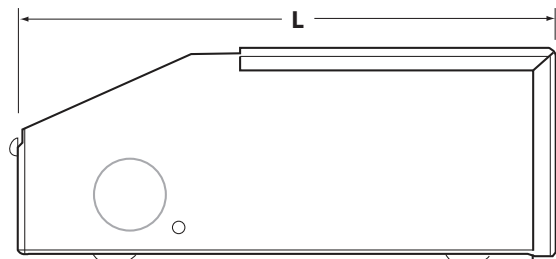
**Leads:** Primary: PVC 600 V #20  
Secondary: PVC 300 V #14

**Dimming:** Works with GMWD-600 wall dimmer.

**Mounting:** Surface mount with front mounting tab.

**Label:** cETL

**Warranty:** 4 years.



Catalog Number	Max. Wattage	Input Voltage	Output Voltage	Input Current	Open Circuit	Output Current	Weight	Dimensions		
								L	W	H
LTHM300-CL2-DIM	300W	120V/60Hz	12 VDC	2800mA	12VDC	5A	8.4 lbs.	7"	7"	3.25"

For voltage drop - see [www.gmlighting.net/voltagedrop.html](http://www.gmlighting.net/voltagedrop.html) or consult GM Lighting 2012 New Product Product Brochure, page 59.



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