

PSDH-48W-24V High Performance DC Dimming driver

CORE
LIGHTING

SPECIFICATION SHEET

JOB NAME: _____
LOCATION: _____
QUOTE/REF#: _____



PSDH-48W-24V High Performance DC Dimming Drivers provide a solid reliable source of power in any commercial application. Integrated with AC ripple and Pure DC Technology, ensures LED's are not overdriven due to repeated excess current and prolong the lifetime of LED lighting system. Compatible with MLV forward phase dimming systems. Available in 24V DC. UL listed, Class 2 Rated.

FEATURES

- Dimming down to 1%
- Pure DC Current Technology
- Dimmable with MLV Forward Phase Dimmers
- NEMA 3R Indoor / Outdoor Enclosure
- AC Ripple Technology
- Manual Reset Overload Protection
- Made in The USA
- Easy installation



INPUT

INPUT VOLTAGE	120V AC
INPUT FREQUENCY	50/60Hz
INPUT CURRENT @ MAX LOAD	0.63A

OUTPUT

OUTPUT VOLTAGE	24V DC
OUTPUT CURRENT @ MAX LOAD	2A
OUTPUT WATTAGE	48W

ADDITIONAL SPECIFICATIONS

TOTAL HARMONIC DISTORTION (THD)	(0~90%) 0.0% / (90~100%) 0.01%
DIMMING	MLV Forward Phase
WIRE TERMINAL CONNECTION	18AWG
HOUSING / COOLING	Free-air convection

SPECIFICATIONS

CLASS 2	YES
LOAD REGULATION	2%
LINE REGULATION	5%
INPUT FREQUENCY	50-60 Hz
POWER FACTOR	.85 typical
EFFICIENCY	80% typical
MTBF	100,000 hrs.
OPERATING ENVIRONMENT	-30°C ~ 60°C (-22°F ~ 140°F)
FUNCTION SURFACE TEMP	-40 to +80 (25 C AMB)
STORAGE TEMPERATURE	-65°C ~ 90°C (-85°F ~ 194°F)
HUMIDITY	100 (Non Cond)
LENGTH	11.25" (285.5MM)
WIDTH	3.38" (85.9MM)
HEIGHT	3.38" (85.9MM)
WEIGHT	7lbs

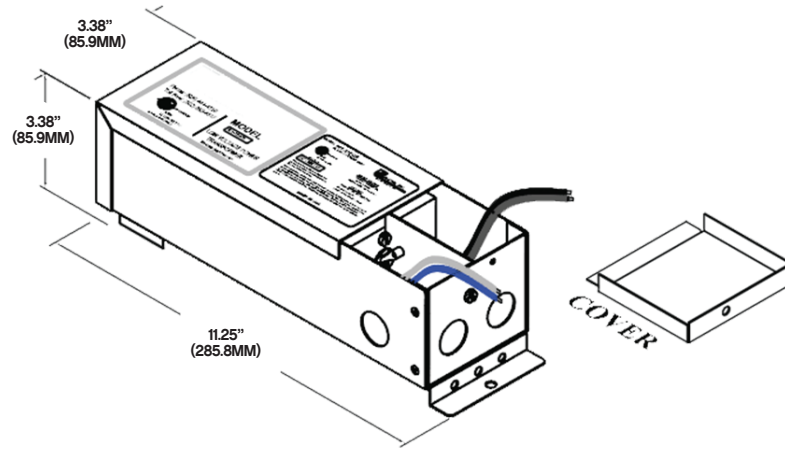
MISC

CERTIFICATIONS	UL Listed Class 2 Power Supply
CONSTRUCTION	Indoor/Outdoor NEMA-3
WALL MOUNTING	Conduit Access Class 1 Wiring
WARRANTY	3 Year Limited



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DIAGRAM AND DIMENSIONS



INSTALLATION GUIDE



THIS TRANSFORMER IS ONLY TO BE INSTALLED BY A QUALIFIED TECHNICIAN IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES

BEFORE YOU BEGIN

Make sure the transformer has the proper input voltage and wattage for the intended job. Check wiring and make sure they match the diagram on this guide.

MOUNTING

Select a suitable and proper location to mount the driver. Consider the weight of the driver to be supported.

INPUT CONNECTIONS / GROUNDING

1. Remove input wiring cover and install strain reliefs.
2. Make sure power is turned off. Route input wires and make connections based on wiring diagram following the INPUT side.
3. Make sure that driver is properly grounded in accordance with the N.E.C.

OUTPUT CONNECTIONS

1. Remove output wiring cover and install clamp connectors.
2. Make sure power is turned off. Route fixture wires and make connections based on wiring diagram following the OUTPUT side.

WIRING DIAGRAM

