# PSDH-48W-24V (BAA/ BABA)

## HIGH PERFORMANCE DC DIMMING DRIVER

UPDATED: 11.12.26

Project _____

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 foward phase dimming systems. Available in 24V DC. UL listed, Class 2 Rated.



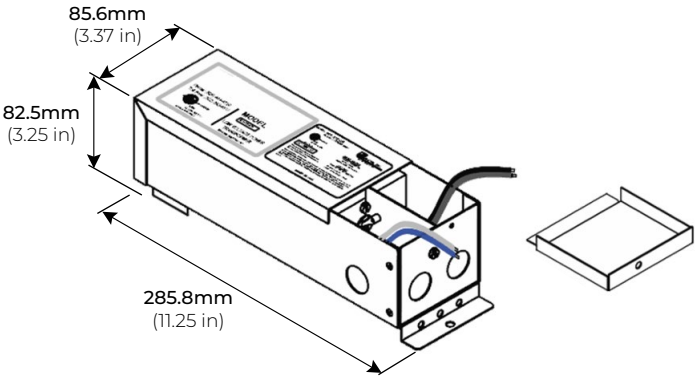
### SPECIFICATIONS

| | |
|---|---|
| CLASS 2 | Yes |
| LOAD REGULATION | 2% |
| LINE REGULATION | 5% |
| INPUT FREQUENCY | 50-60 Hz |
| POWER FACTOR | 0.85 typical |
| EFFICIENCY | 80% typical |
| THD | 0% (0-90%) \| 0.01% (90-100%) |
| MTBF | 100,000 Hrs. |
| DIMMING | MLV Forward Phase |
| WIRE TERMINAL CONNECT | 18AWG |
| HOUSING/ COOLING | Free-air convection |
| CONSTRUCTION | Indoor/ Outdoor NEMA-3 |
| ENVIRONMENT | Outdoor Rated IP65 |
| OPERATING TEMPERATURE | -22°F (-30°C) ~ 140°F (60°C) |
| FUNCTION SURFACE TEMP | -40 to 80 (25 C AMB) |
| STORAGE TEMPERATURE | -85°F (-65°C) ~ 194°F (90°C) |
| HUMIDITY | 100% RH, non condensing |
| WALL MOUNTING | Conduit Access Class 1 Wiring |
| CERTIFICATIONS | UL Listed, BAA and BABA Compliant |
| WARRANTY | 3-Year Limited |
| DIMENSIONS | 285.5 x 85.9 x 85.9mm (11.25 x 3.38 x 3.38") (LxWxH) |
| WEIGHT | 7 lbs |

### 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
- UL Listed (US and Canada)
- BAA and BABA Compliant
- Made in The USA

### DIMENSIONS




| INPUT | |
|---|---|
| INPUT VOLTAGE RANGE | 120V AC |
| INPUT FREQUENCY RANGE | 50-60 Hz |
| INPUT CURRENT (MAX.) | 0.63A |

| OUTPUT | |
|---|---|
| OUTPUT VOLTAGE | 24V DC |
| OUTPUT CURRENT (MAX.) | 2A |
| OUTPUT WATTAGE | 48W |

INDOOR OUTDOOR DIMMABLE LISTED 3 YEAR

# **PSDH**-48W-24V (BAA/ BABA)

## HIGH PERFORMANCE DC DIMMING DRIVER

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## WIRING

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

### SAFETY & WARNINGS:

- Install this product in accordance with local and national electrical codes
- This product is rated for indoor/ outdoor use. For outdoor applications, factory recommends using a wet rated enclosure.
- **Make sure power from the main breaker is off** before installing to avoid risk of electrical shock.

### MOUNTING:

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

### INPUT CONNECTIONS/ GROUNDING:

1. Remove input wiring cover and install strain reliefs.
2. Route the input wires and make connections according to the wiring diagram, following the INPUT side.

**Make sure that the driver is properly grounded in accordance with the N.E.C.*

### OUTPUT CONNECTIONS:

1. Remove output wiring cover and install clamp connectors
2. Route the fixture wires and make connections according to the wiring diagram, following the OUTPUT side.

