PSDM-100W-24V-277 100W 24V Class 2 Dimmable Driver

SPECIFICATION SHEET

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

PSDM-100W-24V-277 is a constant voltage Class 2 LED driver equipped with a magnetic transformer core. It features built-in protection for both the load and the driver via push-to-reset breakers (one on the input and one on the output). Its durable, coated metal box includes 2 knock-outs, one on each side, for easy installation that complies with electrical code standards. Compatible with any standard MLV/incandescent TRIAC (leading edge) dimmer switch.

FEATURES

- 100W 24V
- Dimmable
- NEMA 3R - outdoor use
- Suitable for Indoor or Outdoor Use
- Suitable for commercial applications
- Two knock-outs, oen on each side
- Push-to-reset

INPUT SPECIFICATIONS

INPUT VOLTAGE	277 VAC
INPUT CURRENT @ MAX LOAD	0.96A
POWER FACTOR	> 0.89
EFFICIENCY	> 85%

OUTPUT SPECIFICATIONS

MAX LOAD	96W
OUTPUT VOLTAGE	22.3 VDC @ full load
OUTPUT CURRERNT @ MAX LOAD	4A
OPEN CIRCUIT OUTPUT VOLTAGE	25.8 VDC
COIL FORMER	Double Section Bobbin

ENVIRONMENT SPECIFICATIONS

OPERATING TEMPERATURE	-30ºC ~ 45ºC (-22ºF ~ 113ºF)
MIN INSTALLATION SPACE BET DRIVERS	5”
THERMAL CLASS	B130ºC

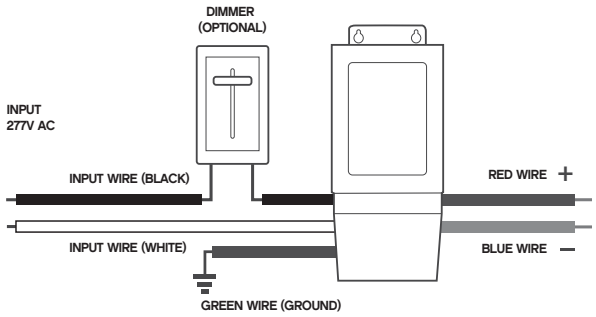
SAFETY PROTECTION SPECIFICATIONS

CIRCUIT BREAKER	Secondary manual
	push-to-reset

MECHANICAL/HOUSING SPECIFICATIONS

LEADS PRIMARY	PVC 600V #18
LEADS SECONDARY	PVC 300V #12
LENGTH	6.68” (168mm)
WIDTH	2.58” (65.6mm)
HEIGHT	2.33” (59.1mm)
WEIGHT	50oz (1.41 kg)
HOUSING MATERIAL	coated metal
HOUSING COLOR	Black
JUNCTION BOX	yes
MOUNTING	two-hole flange mounting

WIRING DIAGRAM

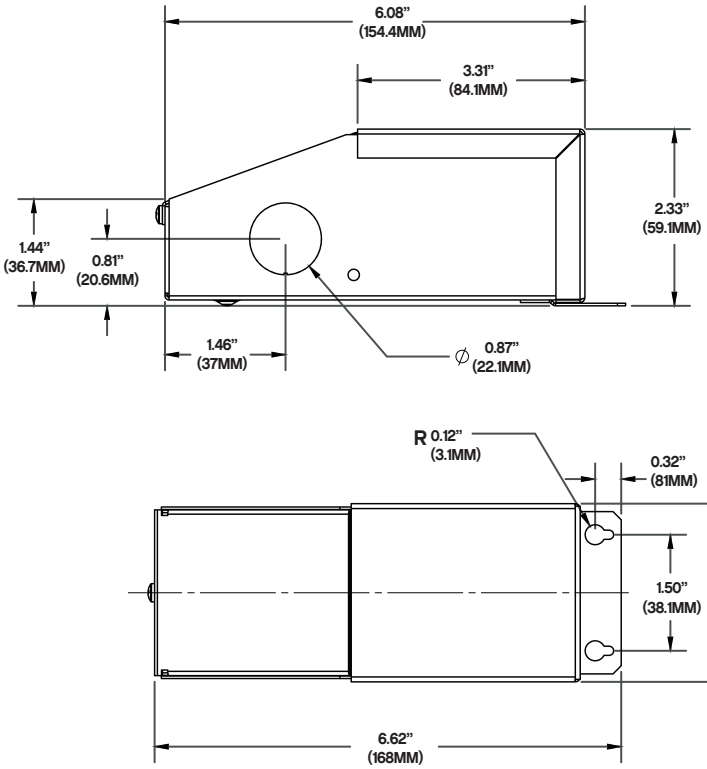


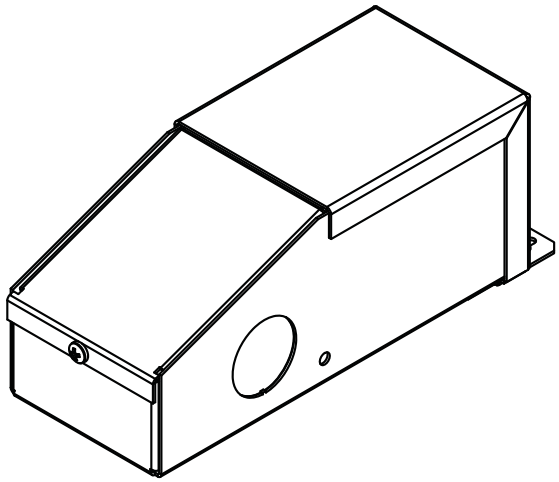
100W | CLASS 2 | 24V | 277V INPUT | INDOOR | OUTDOOR | IP65 | DIMMABLE

15024 Staff Ct., Gardena CA, 90248
info@corelightingusa.com | www.corelightingusa.com
T: 888.737.9192 | F: 888.789.4643

PSDM-100W-24V-277 100W 24V Class 2 Dimmable Driver

DIAGRAM AND DIMENSIONS





INSTALLATION GUIDE

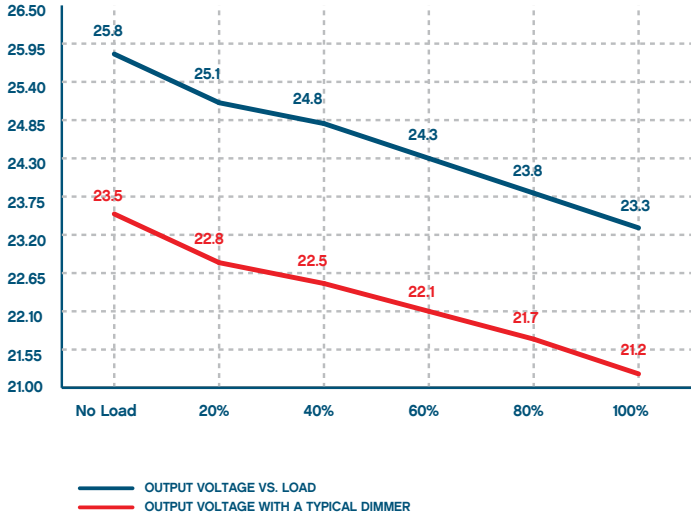
THIS TRANSFORMER IS ONLY TO BE INSTALLED BY A QUALIFIED TECHNICIAN IN ACCORDANCE WITH NATIONAL AND LOCAL ELECTRICAL CODES

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.



15024 Staff Ct., Gardena CA, 90248
info@corelightingusa.com | www.corelightingusa.com
T: 888.737.9192 | F: 888.789.4643