



26W LED Driver with 2 Channel Constant Current Outputs PDA026B LED Power Supply for Commercial Lighting



Features

- 2 Channel Output
- OVP, OCP, Over-Load and Short-Circuit Protection & Brownout Protection
- 5 Year Warranty
- IP65
- AC input: 108-304VAC
- ≥ 0.9 Power Factor Correction & THD <20%
- Class 2 Output per UL1310

Applications

- Down Lights
- Area Lights
- Architectural lighting
- Troffers

Safety Approvals

- cUL/UL8750 / UL60950
- Class 2 Output per UL1310

Mechanical Characteristics

- Length: 242mm (9.53in)
- Width: 43.5mm (1.71in)
- Height: 30.5mm (1.2in)
- Weight: 650g

Output Specifications

Channel 1~2

| Model | DC Output Voltage | | | Output Current | Output Power |
|---------------|-------------------|------|------|----------------|--------------|
| | Min. | Typ. | Max. | | |
| PDA026B-D350G | 27V | - | 36V | 350mA | 13W |

INPUT:

AC Input Voltage Rating
120~277VAC

AC Input Frequency
47~63 Hz

Maximum Input Current
≤ 0.35A

Leakage Current
0.75mA maximum

Power Factor
≥ 0.9

THD
Less than 20%

OUTPUT:

Output Current Ripple
≤ 60%

Efficiency
Typical Efficiency: 86%

Environmental: Temperature

Operation case -20 to Tc +65°C
Non-operation -40 to +85°C
Operating Humidity 5% to 95%

EMC

FCC Part 15B, Class A

Immunity

IEC61000-4-5

Dielectric Withstand (Hi-pot) Test

Primary to secondary: 3000VAC for 1 minute, 10mA

Insulation Resistance

Primary to secondary: >5M Ohm 500VDC, 1 Minute

Short-Circuit Protection

Latching

Output Over-voltage Protection

Max Voltage Limit

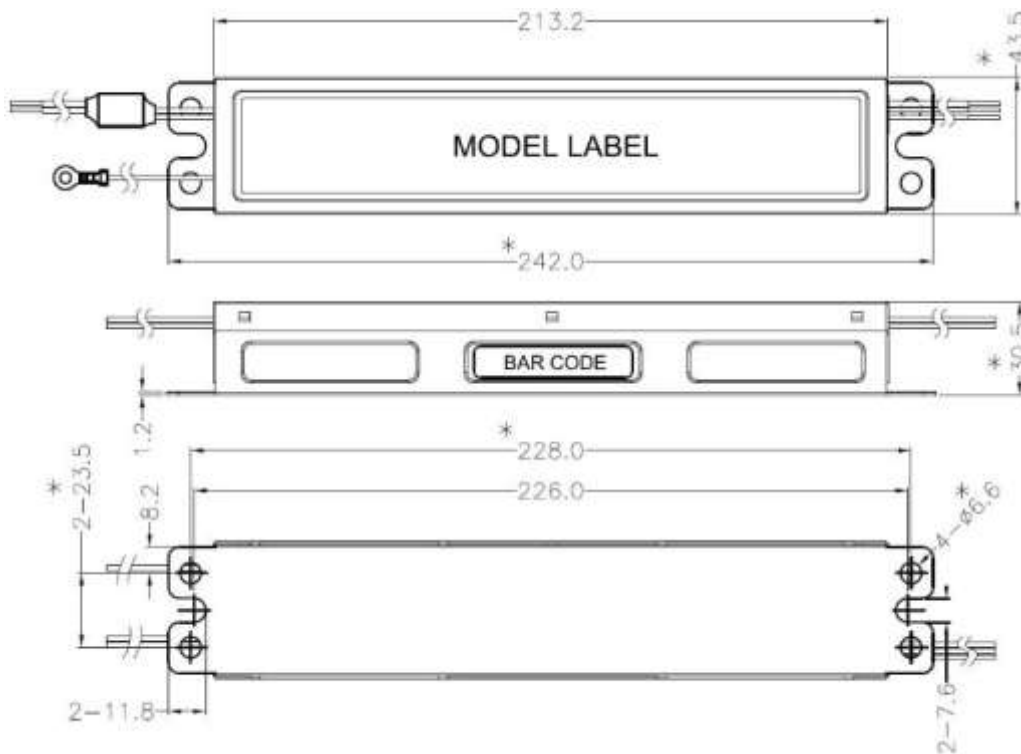
Input / Output Connections

| Input | Gauge | Length |
|--------------------|--------------|--------|
| Black (live) | UL1316 AWG18 | 360mm |
| White (neutral) | UL1316 AWG18 | 360mm |
| Green/Yellow (GND) | UL1316 AWG18 | 220mm |
| Output | | |
| Red (LED CH1~4+) | UL1569 AWG22 | 200mm |
| Blue | UL1569 AWG22 | 200mm |
| Blue | | 200mm |

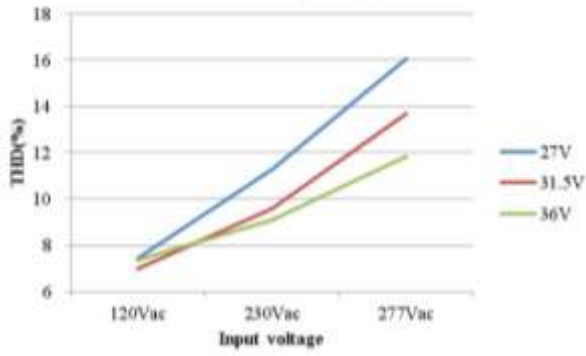
Warranty

5 Years

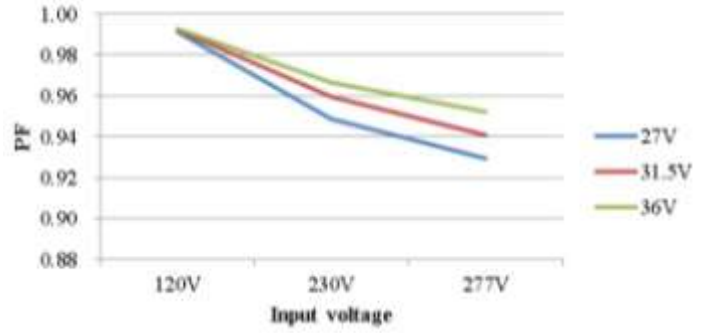
PDA026B-D350G Dimension Diagram Unit:mm



THD vs. Input Voltage



PF vs. Input Voltage



Efficiency vs. Input Voltage

