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

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PDA026B-D350G Characteristics

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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℃
Non-operation	-40 to +85℃
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

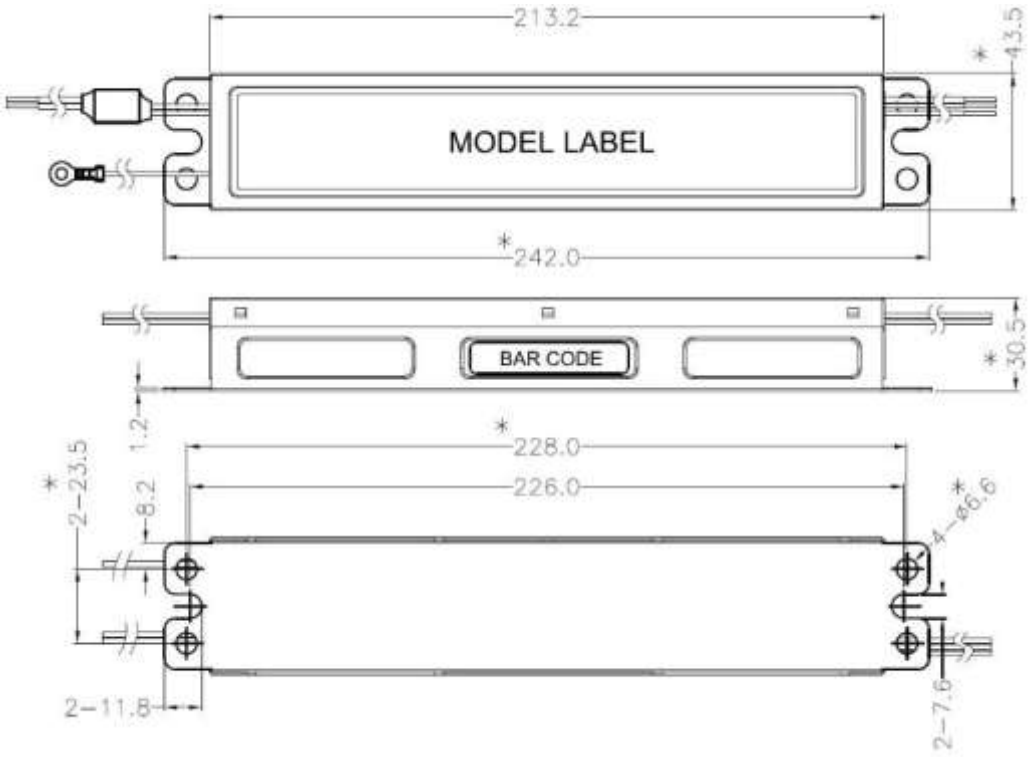
Output Over-voltage Protection
Max Voltage Limit

Input / Output Connections

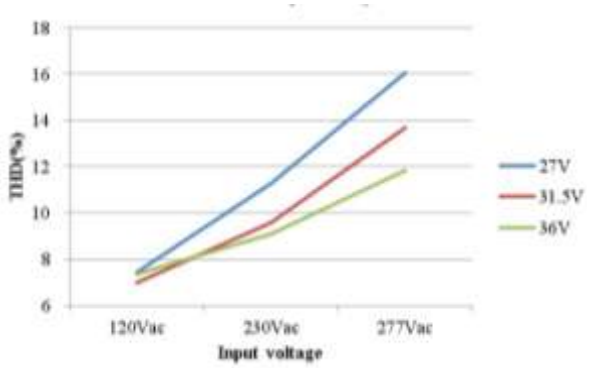
Input	Gauge	Length
Black (live)	UL1316 AWG18	360mm
White (neutral)	UL1316 AWG18	360mm
Green/Yellow (GND)	UL1316 AWG18	220mm
Output		
Red (LED CH1~4+)	UL1569 AWG22	200mm
Blue	UL1569 AWG22	200mm
Blue		200mm

Warranty
5 Years

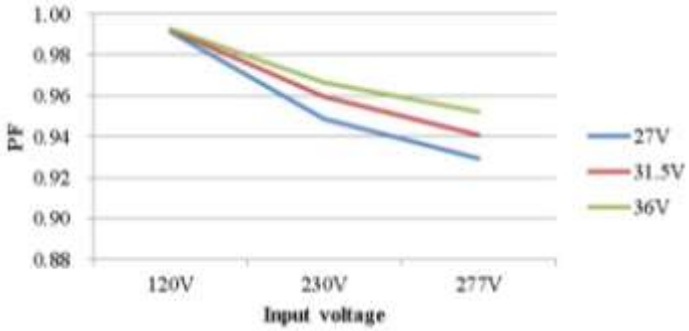
PDA026B-D350G Dimension Diagram Unit:mm



THD vs. Input Voltage



PF vs. Input Voltage



Efficiency vs. Input Voltage

