



26W LED Driver with 2 Channel Constant Current Outputs PDA026W LED Power Supply with 0-10V Dimming



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.		
PDA026W-D350G	27V	-	36V	350mA	13W

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INPUT:

AC Input Voltage
108 to 304 VAC

Nominal AC Input Voltage
120~277VAC

AC Input Frequency
47~63 Hz

Maximum Input Current
≤ 0.35A

Leakage Current
0.75mA maximum

Power Factor
≥ 0.9

THD
< 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

FEATURES:

Short-Circuit Protection

Latching

Output Over-voltage Protection

Max Voltage Limit

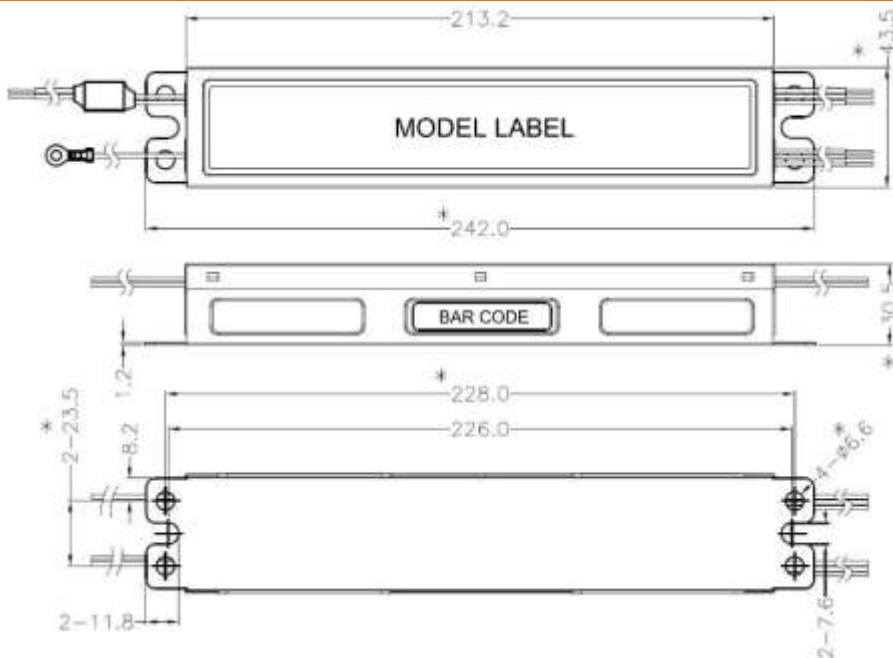
Input / Output Connections

Input	Gauge	Length
Black (live)	UL1316 AWG18	360mm
White (neutral)	UL1316 AWG18	360mm
Ground		
Green/Yellow (GND)	UL1316 AWG18	220mm
Output		
Red (LED CH1~4+)	UL1569 AWG22	200mm
Black (GND CH1~4-)	UL1569 AWG22	200mm
Dimming		
Violet (Dimmer +)	UL1316 AWG18	200mm
Gray (Dimmer-)	UL1316 AWG18	200mm
Yellow (20V)	UL1316 AWG18	200mm

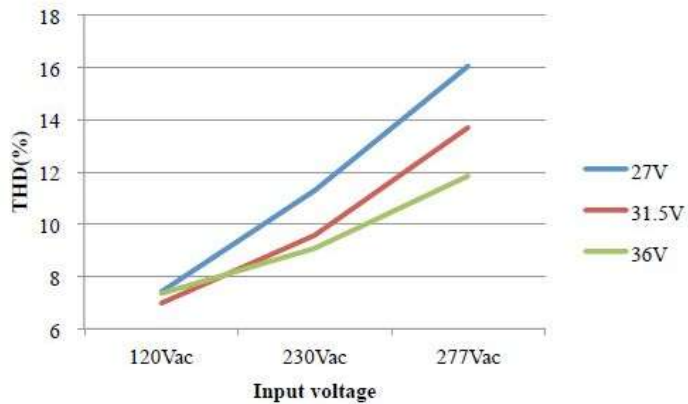
Warranty

5 Years

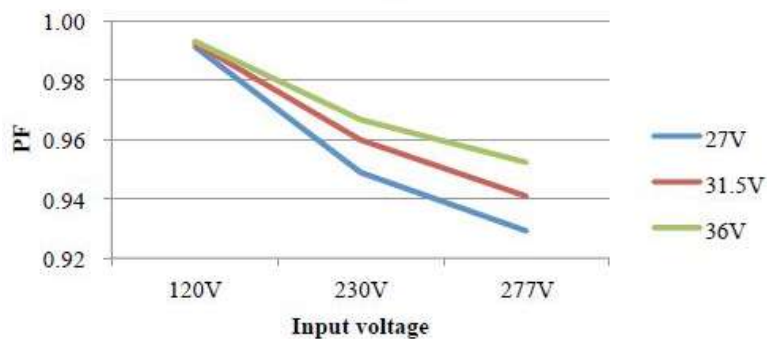
PDA026W-D350G Dimension Diagram Unit:mm



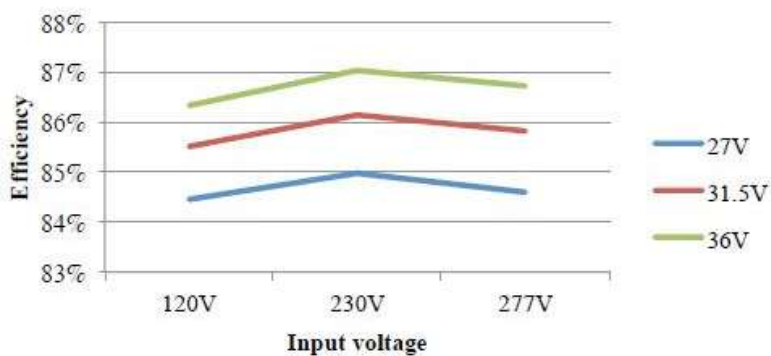
THD vs. Input Voltage



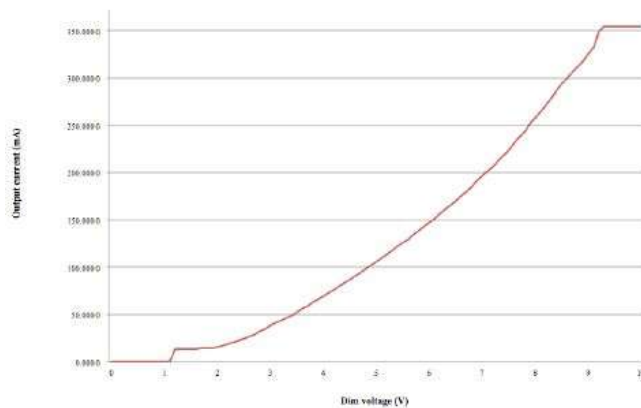
PF vs. Input Voltage



Efficiency vs. Input Voltage



Dimming Curve



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