



**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
- $\geq 0.9$  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

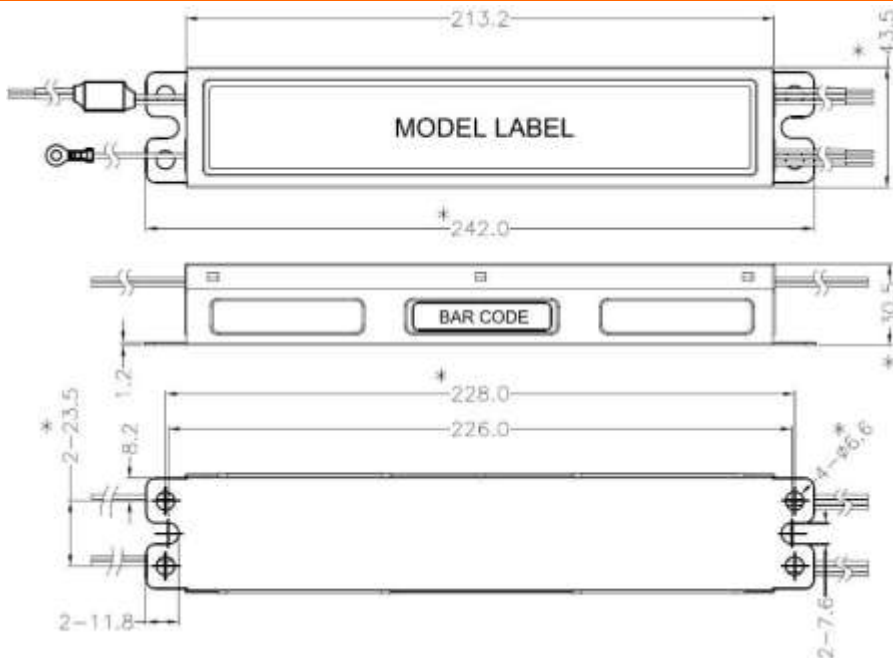
**Input / Output Connections**

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

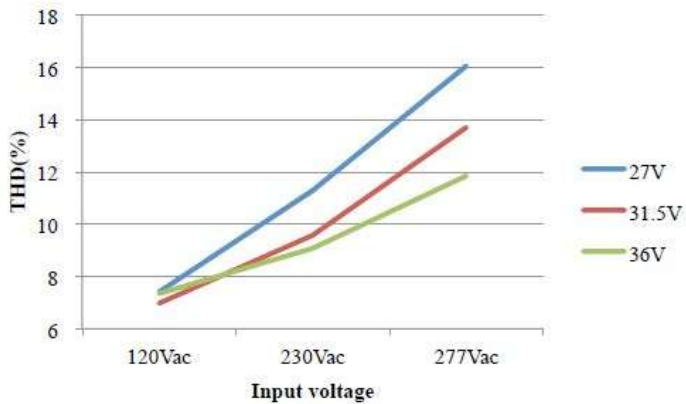
**Warranty**

5 Years

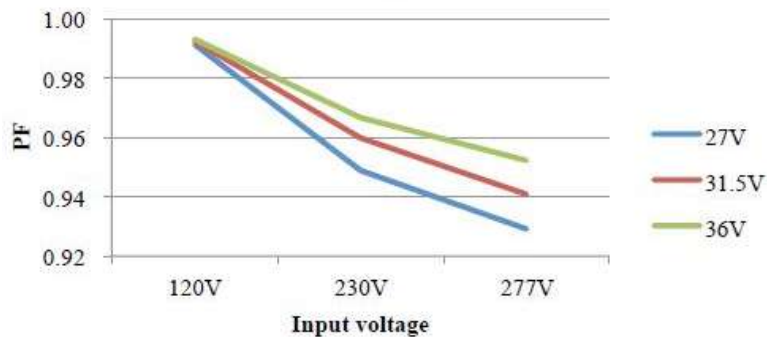
**PDA026W-D350G Dimension Diagram Unit:mm**



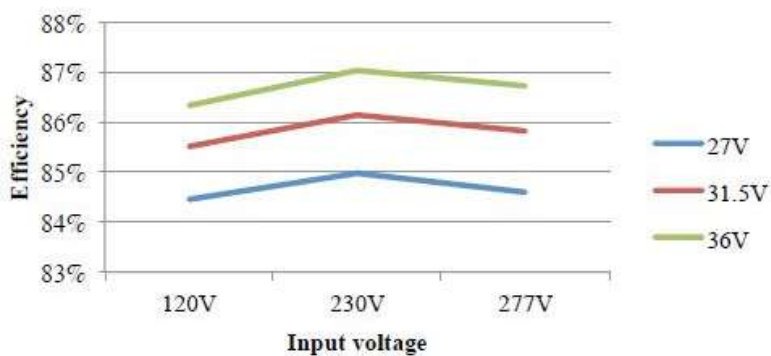
THD vs. Input Voltage



PF vs. Input Voltage



Efficiency vs. Input Voltage



Dimming Curve

