



## 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
- $\geq 0.9$  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.		
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

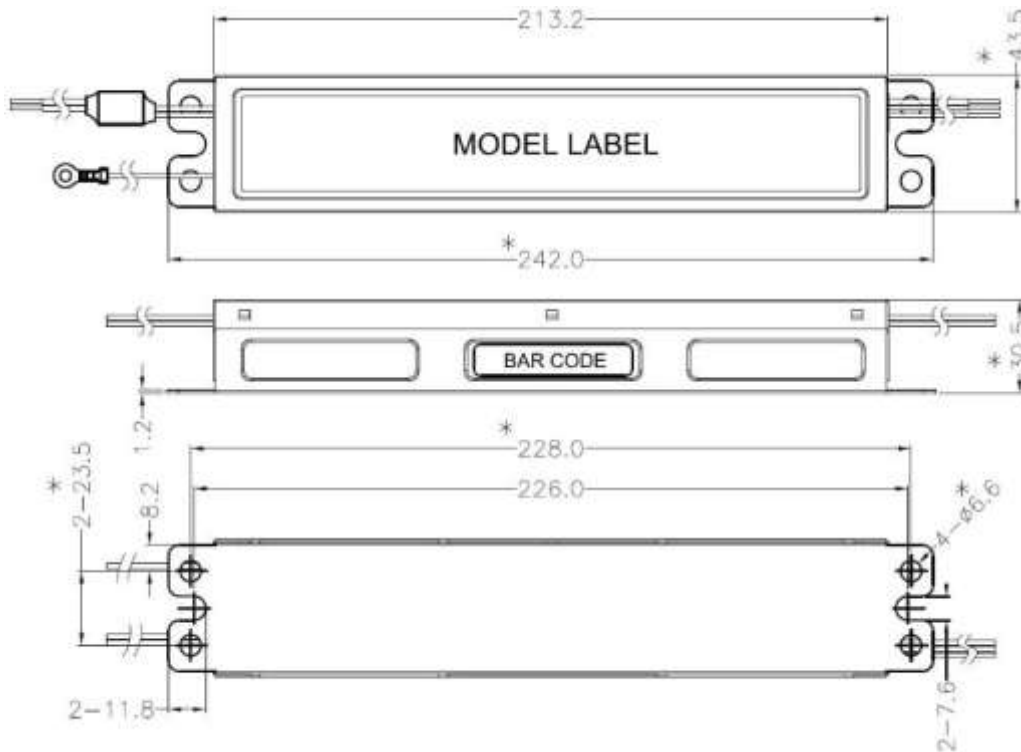
**Input / Output Connections**

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

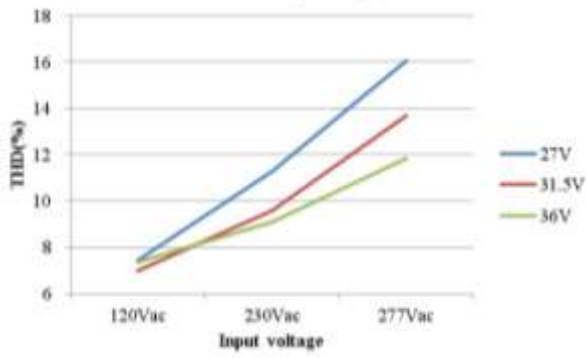
**Warranty**

5 Years

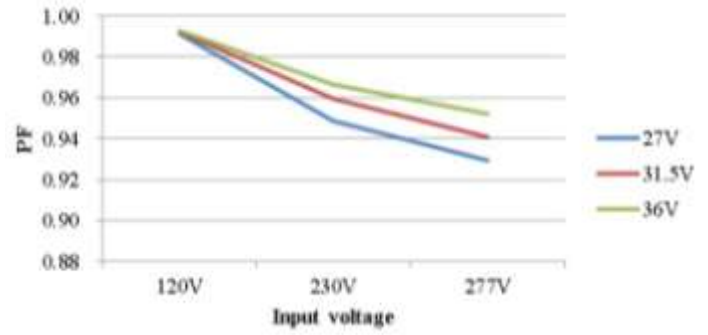
**PDA026B-D350G Dimension Diagram Unit:mm**



THD vs. Input Voltage



PF vs. Input Voltage



Efficiency vs. Input Voltage

