



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





## 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

**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

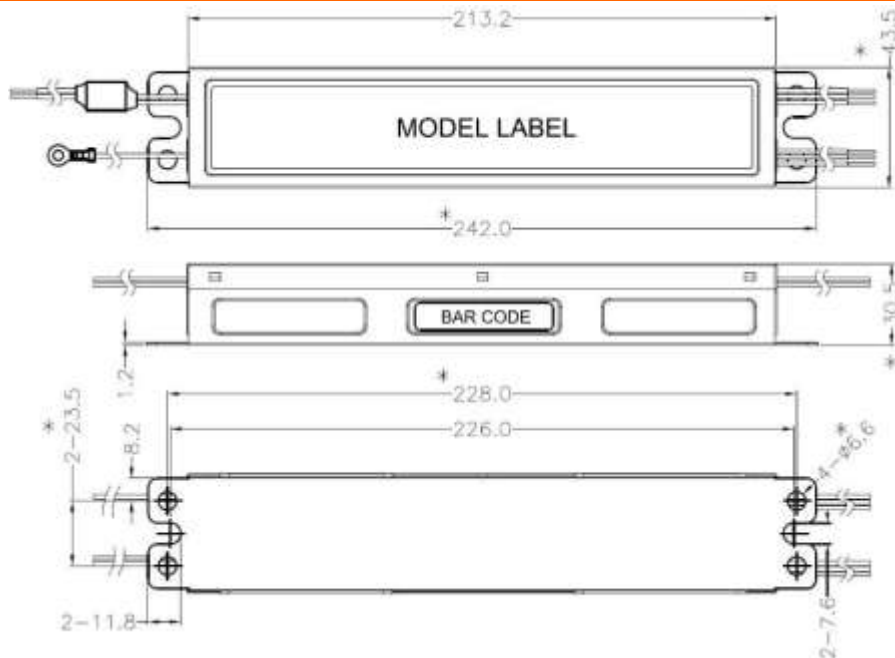
**Input / Output Connections**

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

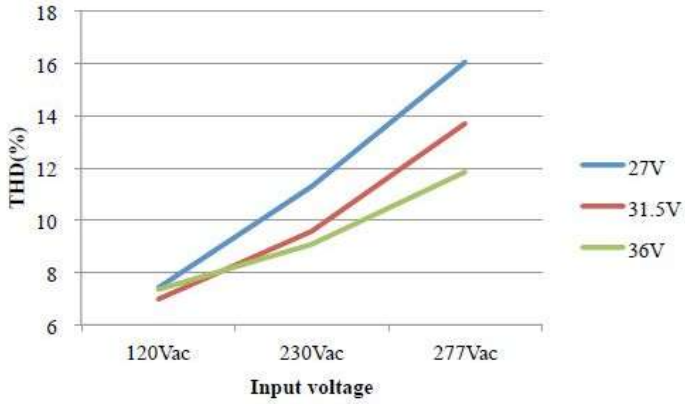
**Warranty**

5 Years

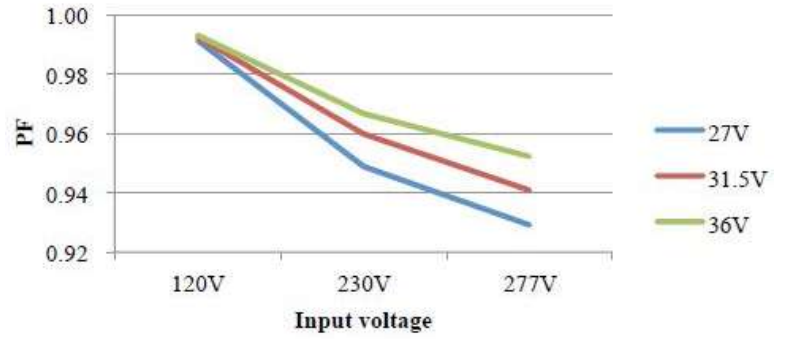
**PDA026W-D350G Dimension Diagram Unit:mm**



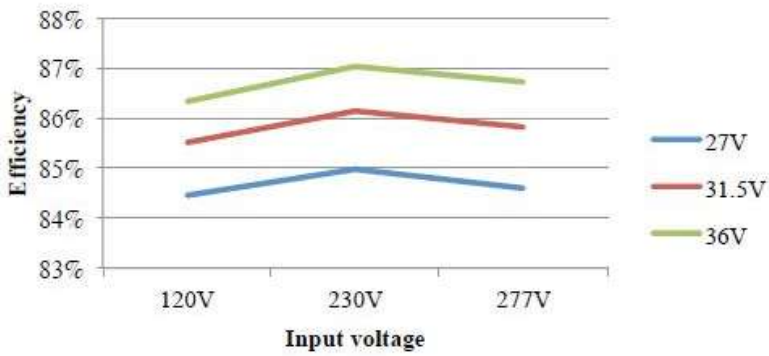
THD vs. Input Voltage



PF vs. Input Voltage



Efficiency vs. Input Voltage



Dimming Curve

