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

<table>
<thead>
<tr>
<th>Model</th>
<th>DC Output Voltage</th>
<th>Output Current</th>
<th>Output Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDA026W-D350G</td>
<td>27V</td>
<td>350mA</td>
<td>13W</td>
</tr>
</tbody>
</table>

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Revised 3/26/2015
PDA026W-D350G Characteristics

**INPUT:**

- **AC Input Voltage**
  108 to 304 VAC

- **Nominal AC Input Voltage**
  120~277VAC

- **AC Input Frequency**
  47~63 Hz

- **Maximum Input Current**
  \( \leq 0.35 \) A

- **Leakage Current**
  0.75mA maximum

- **Power Factor**
  \( \geq 0.9 \)

- **THD**
  < 20%

**OUTPUT:**

- **Output Current Ripple**
  \( \leq 60\% \)

- **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**

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

**Warranty**

- 5 Years

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**PDA026W-D350G Dimension Diagram**

Unit:mm