This Driver Will Operate The Following LED Modules:
Any LED module designed to accept input voltage of 10-45VDC and can operate up to current of 900mA.

General Specifications

- **Input Voltage**: 120-277V~, 50/60Hz
- **Input Current**: 0.4A Max
- **Input Power**: 47W
- **Power Factor**: >0.9
- **THD**: <20%
- **Efficiency**: >85% Typical@277V Full Load
- **Driver Type**: Constant Current
- **Output Voltage Range**: 10-45V
- **Output Current**: 900mA
- **Output Power**: 40W Max.
- **Number of Output Channels**: 1 Channel
- **Dimming Controller Type/Dimming Range**: 0-10VDC / 100%-10%
- **RFI/EMI**: FCC Part 15B Consumer, EN55015
- **Output Type**: Class 2, LED Class 2
- **Sound Rating**: A
- **Input Surge Protection**: Line-Neutral 1kV, Line & Neutral-Ground 2kV
- **Input Current Protection**:
- **Output Short Circuit Protection**:
- **Output Open Circuit Protection**:
- **Overload Protection**:
- **Max. Case Temperature**: 90°C (194°F)
- **ta**: -40°C to 59°C (-40°F to 138.2°F)
- **Service Life**: 50,000 hours @ Tc 82°C (179.6°F)
- **Approvals / Class**: CE, cURus, Class 2, RoHS, IP 64, Dry or Damp Locations, Type HL, Type TL
- **Warranty**: 5 years

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**Figure 1**

0-10V Dimming Curve

**Figure 2**

Efficiency vs Output Power

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Fulham extends a limited warranty to the original purchaser or first user for a period of 5 years @ Tc 82°C from the date of manufacture when properly installed and operated under normal conditions of use. For complete terms and conditions, please refer to the Warranty Center at www.fulham.com. Specifications subject to change without notice.
Figure 3

![Power Factor vs Output Power]

Figure 4

![Lifetime vs Tcase]

Figure 5

![THD vs Output Power]

Figure 6

![Iout vs Tc]

### Mechanical Data

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>WIDTH</th>
<th>HEIGHT</th>
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<tr>
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<td>53mm</td>
<td>27mm</td>
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<tr>
<td>9.49&quot;</td>
<td>1.30&quot;</td>
<td>1.06&quot;</td>
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</table>

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**Wiring Diagrams**

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<tr>
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</tr>
<tr>
<td>WHITE</td>
<td>7.9&quot; [200mm]</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>OUTPUT SIDE</th>
<th>LENGTH</th>
</tr>
</thead>
<tbody>
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<td>RED</td>
<td>7.9&quot;[200mm]</td>
</tr>
<tr>
<td>BLUE</td>
<td>7.9&quot;[200mm]</td>
</tr>
<tr>
<td>PURPLE</td>
<td>7.9&quot;[200mm]</td>
</tr>
<tr>
<td>GREY</td>
<td>7.9&quot;[200mm]</td>
</tr>
</tbody>
</table>

**NOTE:**
1. This Driver Must Be Installed By A Licensed Electrician
2. This Driver Must Be Grounded

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