D100-Z2
100W 0-10V DRIVER

0-10V Dimming* LED Driver
Sinking and Sourcing

Universal AC Input:
110VAC- 277VAC
50-60 Hz

NEMA 410 Compliant

IP66 Wet Location Rated

Rated lifetime:
50,000 hours

5 Year Warranty

Primary and Secondary Wiring Compartments

UL Listed

International Approval

Model | D100-Z2 | Dimensions | 9.9” x 2.5” x 1.5”

| Standard Input Voltage | 110-277V AC | Weight | 2.25 lbs. (1.02 Kg)
| Watts | 100W | Input Current | 0.88A ~ 0.32A
| Output Voltage Loaded | 24 VDC | Input Frequency | 50-60 Hz
| Output Current | 4.2 A Max. | Efficiency | 86%
| Load Range | 60% ~ 100% | Power Factor | >0.92
| Load Regulation | ±5% | Storage Temperature | -40 ~ +85°C
| Line Regulation | ±3% | Operating Temperature | -40 ~ +50°C

*Dims to 5%-10% (Varies by dimmer model)
D100-Z2
Wiring & Installation

1. Install per NEC and local code by qualified personnel
2. Shut off power at the breaker
3. AC Input (Primary) requires 100-277 VAC power and ground
4. Connect AC within wiring compartment
5. This unit requires 4” space in all directions
6. Refer to the product labeling for detailed line and load wiring procedure
   • Purple/ Gray/ Yellow connect to 0-10V Dimmer
     Maximum Current Output: 6mA
   • Red/ Black connect to class 2 fixture
   • Load 90% MAX (Reference Max. Lengths Chart)

Approved Dimmers
• Lutron DVSTV
• Lutron NTSTV
• Forbes & Lomax RPS
• All other 0-10V Sinking and Sourcing Dimmers

Max Lengths
<table>
<thead>
<tr>
<th>Model</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>9524-FR</td>
<td>8 ft.</td>
</tr>
<tr>
<td>1524-LE</td>
<td>15 ft.</td>
</tr>
<tr>
<td>8924-LE</td>
<td>15 ft.</td>
</tr>
<tr>
<td>4924-LE</td>
<td>30 ft.</td>
</tr>
<tr>
<td>3924-LE</td>
<td>60 ft. (2x30 ft.)</td>
</tr>
</tbody>
</table>

Voltage Drop
<table>
<thead>
<tr>
<th>AWG</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>27 ft.</td>
</tr>
<tr>
<td>16</td>
<td>44 ft.</td>
</tr>
<tr>
<td>14</td>
<td>70 ft.</td>
</tr>
<tr>
<td>12</td>
<td>112 ft.</td>
</tr>
<tr>
<td>10</td>
<td>180 ft.</td>
</tr>
<tr>
<td>8</td>
<td>286 ft.</td>
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