AS2 SERIES 2 CHANNEL FIXTURE

AS2 Series 2 Channel Fixture is a slim channel with a 66-degree narrow beam angle ideal for a controlled spread of light. This channel is ideal for compact cove applications, and can also be used in conjunction with our tiltable stands. The AS2 Series 2 Channel Fixture includes a choice of clear, frosted or milky lens. Custom design a fixture with our AS2 Series 2 Channel and RibbonLyte products.

- Beam Angle 66°
- Wattage Range from 1.5 W/ft (4.9 W/m) to 6.0 W/ft (19.7 W/m)
- Static White delivered lumen range from 116 lm/ft (381 lm/m) up to 729 lm/ft (2391 lm/m)
- Assembled in USA

Applications:
- Commercial
- Hospitality
- Residential
- Healthcare
- Entertainment
- Museums
- Retail
- Healthcare
- Public Spaces

ORDERING GUIDE

<table>
<thead>
<tr>
<th>CATEGORY</th>
<th>LENS</th>
<th>CRI</th>
<th>RIBBON TYPE &amp; IP RATING</th>
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<tbody>
<tr>
<td>CHAS2</td>
<td></td>
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<td>SWS220 - Static White Series 2 IP20</td>
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<tr>
<td>CHAS2- AS2 Channel</td>
<td>0 - No Lens</td>
<td>0 - Static Color</td>
<td>SWS265 - Static White Series 2 IP65</td>
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<tr>
<td></td>
<td>C - Clear</td>
<td>90 - 90+ CRI Static White</td>
<td>SWS268 - Static White Series 2 IP68</td>
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<td></td>
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<td>SCS220 - Static Color Series 2 IP20</td>
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<td>M - Milky</td>
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<td>SCS265 - Static Color Series 2 IP65</td>
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<td>SCS268 - Static Color Series 2 IP68</td>
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<tr>
<th>WATTAGE</th>
<th>COLOR</th>
<th>CONNECTION OPTIONS</th>
</tr>
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<tbody>
<tr>
<td>1.5 - 15 W/ft (4.9 W/m - Static White, Static Color)</td>
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<tr>
<td>3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color)</td>
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<td>3 - Side Feed Hard Wire Connection</td>
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<tr>
<td>4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color)</td>
<td>35 - 3500K</td>
<td>4 - IP20 Connector Input</td>
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<tr>
<td>5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)</td>
<td>40 - 4000K</td>
<td>5 - IP67 Connector Input</td>
</tr>
<tr>
<td>6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color)</td>
<td>60 - 6000K</td>
<td>6 - Soldered Daisy-Chain</td>
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</tbody>
</table>

AVAILABLE COLORS AND COLOR TEMPERATURES

- 2400K
- 2700K
- 3000K
- 3500K
- 4000K
- 6000K
- Red
- Amber
- Green
- Blue

Included Accessories:
- 1. Mounting Clip

Optional Accessories:
- 1. Tiltable Stand (Part No.: TILTSTAND)
- * See last page for connection diagram
## SPECIFICATIONS

**Series 2 AS2 Channel**

**Beam Angle**
- 66°

**Lens Type**
- Clear, Frosted, Milky

**Width**
- 0.7 in (17.78 mm)
- 0.7 in (18.2 mm)

**Height**
- 0.6 in (15.2 mm)
- 0.6 in (15.0 mm)
- 0.86 in (21.8 mm)
- 0.86 in (22.2 mm)

**Internal Height**
- 0.49 in (12.45 mm)

**Length**
- Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included. Tiltable stands are sold separately.

**Operating Voltage**
- 24V

**Dimming**
- MLV / 0-10 Volt / Lutron A-Series 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX

**Operating Temperature**
- -40 F to 158 F (-40 C to 70 C)

**Colors**
- 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue

**CRI**
- 90+ CRI (Static white only)

**Lamp Life**
- L70 at 50,000 Hours

**MacAdam’s Ellipses (SDCM)**
- 2-Step Binning (For Static White LEDs only)

**Certifications**
- UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires

### ASSEMBLY OPTIONS

**ON-SITE ASSEMBLY**
- Cut to length with soldered leads, assembled on-site

**FACTORY ASSEMBLY**
- Pre-assembled factory finished fixtures
  - (Max assembled length is 78”)

**BENEFITS**:
- Run Lengths can be trimmed in the field
- Last minute adjustments
- Shorter lead time

**BENEFITS**:
- Easy and quick installation
  - Shipped as a complete unit
  - Plug-and-play installation

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* Each section of channel includes 3 mounting clips.

* Height does not include height of mounting clip, channel and lens.
  - Part Number: TILTSTAND
### AS2 SERIES 2 CHANNEL FIXTURE

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Available Watts</th>
<th>Cutable Length</th>
<th>LED Pitch</th>
<th>Color Temp.</th>
<th>Im/W without Lens</th>
<th>Delivered Lumens with Clear Lens</th>
<th>Delivered Lumens with Frosted Lens</th>
<th>Delivered Lumens with Milky Lens</th>
<th>Standard Cable Length</th>
<th>Compatible with Channel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5 White Series 2</td>
<td>3.94 in (100 mm)</td>
<td>24 LEDs/ft (80 LEDs/m)</td>
<td>2400K</td>
<td>10.7</td>
<td>152.7 lm/ft (500.8 lm/m)</td>
<td>141.1 lm/ft (462.7 lm/m)</td>
<td>116.2 lm/ft (381.1 lm/m)</td>
<td>IP20</td>
<td>✓</td>
</tr>
<tr>
<td>2.2 White Series 2</td>
<td>3.94 in (100 mm)</td>
<td>24 LEDs/ft (80 LEDs/m)</td>
<td>2400K</td>
<td>108.2</td>
<td>219.9 lm/ft (718 lm/m)</td>
<td>202.3 lm/ft (663.5 lm/m)</td>
<td>166.6 lm/ft (546.4 lm/m)</td>
<td>IP65</td>
<td>✓</td>
</tr>
<tr>
<td>3.0 White Series 2</td>
<td>1.97 in (50 mm)</td>
<td>48 LEDs/ft (160 LEDs/m)</td>
<td>2400K</td>
<td>109.8</td>
<td>303.1 lm/ft (994.1 lm/m)</td>
<td>280.1 lm/ft (918.6 lm/m)</td>
<td>238.8 lm/ft (767 lm/m)</td>
<td>IP68</td>
<td>✓</td>
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<tr>
<td>4.4 White Series 2</td>
<td>1.97 in (50 mm)</td>
<td>48 LEDs/ft (160 LEDs/m)</td>
<td>2400K</td>
<td>109</td>
<td>442.1 lm/ft (1447 lm/m)</td>
<td>407.7 lm/ft (1337.1 lm/m)</td>
<td>357.7 lm/ft (1193.1 lm/m)</td>
<td>IP20</td>
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</tr>
<tr>
<td>5.0 White Series 2</td>
<td>1.4 in (35.7 mm)</td>
<td>68 LEDs/ft (224 LEDs/m)</td>
<td>2400K</td>
<td>109.8</td>
<td>505.1 lm/ft (1656.8 lm/m)</td>
<td>466.8 lm/ft (1513 lm/m)</td>
<td>384.4 lm/ft (1260.8 lm/m)</td>
<td>IP65</td>
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<tr>
<td>6.0 White Series 2</td>
<td>1.4 in (35.7 mm)</td>
<td>68 LEDs/ft (224 LEDs/m)</td>
<td>2400K</td>
<td>109</td>
<td>601.6 lm/ft (1973.2 lm/m)</td>
<td>555.9 lm/ft (1823.4 lm/m)</td>
<td>457.8 lm/ft (1501.6 lm/m)</td>
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### AS2 Series 2 Channel Fixture Specifications

<table>
<thead>
<tr>
<th>Available Wattages</th>
<th>Cuttable Length</th>
<th>LED Pitch</th>
<th>Color Temp.</th>
<th>Im/W without Lens</th>
<th>Delivered Lumens with Clear Lens</th>
<th>Delivered Lumens with Frosted Lens</th>
<th>Delivered Lumens with Milky Lens</th>
<th>Standard Cable Length</th>
<th>Compatible with Channel</th>
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</thead>
<tbody>
<tr>
<td><strong>1.5 Color Series 2</strong></td>
<td>3.94 in (100 mm)</td>
<td>24 LEDs/ft (80 LEDs/m)</td>
<td>Red</td>
<td>41.0</td>
<td>56.6 lm/ft (185.6 lm/m)</td>
<td>52.3 lm/ft (171.5 lm/m)</td>
<td>43.1 lm/ft (141.4 lm/m)</td>
<td>12 in (30.5 cm)</td>
<td>✓ ✓ ✓</td>
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<tr>
<td></td>
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<td>Blue</td>
<td>123.0</td>
<td>169.9 lm/ft (557.4 lm/m)</td>
<td>156.8 lm/ft (514.4 lm/m)</td>
<td>129.2 lm/ft (423.612 lm/m)</td>
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<td>Amber</td>
<td>25.0</td>
<td>34.5 lm/ft (113.3 lm/m)</td>
<td>31.9 lm/ft (104.6 lm/m)</td>
<td>26.3 lm/ft (86.1 lm/m)</td>
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<td>31.0</td>
<td>42.8 lm/ft (140.5 lm/m)</td>
<td>39.5 lm/ft (129.6 lm/m)</td>
<td>32.6 lm/ft (106.764 lm/m)</td>
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<td><strong>2.2 Color Series 2</strong></td>
<td>3.94 in (100 mm)</td>
<td>24 LEDs/ft (80 LEDs/m)</td>
<td>Red</td>
<td>40.0</td>
<td>80.9 lm/ft (265.5 lm/m)</td>
<td>74.8 lm/ft (245.3 lm/m)</td>
<td>61.6 lm/ft (202.048 lm/m)</td>
<td>12 in (30.5 cm)</td>
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<td>Green</td>
<td>113.0</td>
<td>229.0 lm/ft (751.0 lm/m)</td>
<td>211.3 lm/ft (693.1 lm/m)</td>
<td>174.0 lm/ft (570.786 lm/m)</td>
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<td>Blue</td>
<td>23.0</td>
<td>46.6 lm/ft (152.9 lm/m)</td>
<td>43.0 lm/ft (141.1 lm/m)</td>
<td>35.4 lm/ft (116.176 lm/m)</td>
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<td>Amber</td>
<td>31.0</td>
<td>62.8 lm/ft (206.6 lm/m)</td>
<td>58.0 lm/ft (190.15 lm/m)</td>
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<tr>
<td><strong>3.0 Color Series 2</strong></td>
<td>1.97 in (50 mm)</td>
<td>48 LEDs/ft (160 LEDs/m)</td>
<td>Red</td>
<td>127.0</td>
<td>350.9 lm/ft (1151.0 lm/m)</td>
<td>321.9 lm/ft (1062.2 lm/m)</td>
<td>266.7 lm/ft (874.776 lm/m)</td>
<td>12 in (30.5 cm)</td>
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<td>Green</td>
<td>25.0</td>
<td>69.1 lm/ft (226.6 lm/m)</td>
<td>63.8 lm/ft (209.1 lm/m)</td>
<td>52.5 lm/ft (172.2 lm/m)</td>
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<td>Blue</td>
<td>28.0</td>
<td>80.1 lm/ft (262.8 lm/m)</td>
<td>74.0 lm/ft (242.6 lm/m)</td>
<td>60.9 lm/ft (199.752 lm/m)</td>
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<td><strong>4.4 Color Series 2</strong></td>
<td>1.97 in (50 mm)</td>
<td>48 LEDs/ft (160 LEDs/m)</td>
<td>Red</td>
<td>38.0</td>
<td>153.8 lm/ft (504.5 lm/m)</td>
<td>142.1 lm/ft (466.2 lm/m)</td>
<td>117.0 lm/ft (383.892 lm/m)</td>
<td>12 in (30.5 cm)</td>
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<td>Green</td>
<td>117.0</td>
<td>474.1 lm/ft (1555.1 lm/m)</td>
<td>437.6 lm/ft (1435.3 lm/m)</td>
<td>360.4 lm/ft (1181.981 lm/m)</td>
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<td>Blue</td>
<td>24.0</td>
<td>97.3 lm/ft (319.0 lm/m)</td>
<td>89.8 lm/ft (294.4 lm/m)</td>
<td>73.9 lm/ft (242.4576 lm/m)</td>
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<td>Amber</td>
<td>28.0</td>
<td>101.3 lm/ft (332.2 lm/m)</td>
<td>93.5 lm/ft (306.7 lm/m)</td>
<td>77.0 lm/ft (252.56 lm/m)</td>
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<td><strong>5.0 Color Series 2</strong></td>
<td>1.4 in (35.7 mm)</td>
<td>68 LEDs/ft (224 LEDs/m)</td>
<td>Red</td>
<td>37.0</td>
<td>170.2 lm/ft (558.2 lm/m)</td>
<td>157.3 lm/ft (515.8 lm/m)</td>
<td>129.5 lm/ft (424.76 lm/m)</td>
<td>12 in (30.5 cm)</td>
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<td>Green</td>
<td>116.0</td>
<td>534.2 lm/ft (1752.1 lm/m)</td>
<td>493.0 lm/ft (1617.0 lm/m)</td>
<td>406.0 lm/ft (1331.68 lm/m)</td>
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<td>Blue</td>
<td>24.0</td>
<td>110.5 lm/ft (362.5 lm/m)</td>
<td>102.0 lm/ft (334.6 lm/m)</td>
<td>84.0 lm/ft (275.52 lm/m)</td>
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<td>Amber</td>
<td>26.0</td>
<td>119.7 lm/ft (392.7 lm/m)</td>
<td>110.5 lm/ft (362.4 lm/m)</td>
<td>91.0 lm/ft (298.48 lm/m)</td>
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<td>Red</td>
<td>37.0</td>
<td>204.2 lm/ft (669.8 lm/m)</td>
<td>188.7 lm/ft (618.9 lm/m)</td>
<td>155.4 lm/ft (509.712 lm/m)</td>
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<td>113.0</td>
<td>624.4 lm/ft (2048.2 lm/m)</td>
<td>576.3 lm/ft (1890.3 lm/m)</td>
<td>474.6 lm/ft (1556.688 lm/m)</td>
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<td>Blue</td>
<td>23.0</td>
<td>127.1 lm/ft (416.9 lm/m)</td>
<td>106.6 lm/ft (348.7 lm/m)</td>
<td>316.848 lm/ft (1777.1 lm/m)</td>
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<tr>
<td><strong>6.0 Color Series 2</strong></td>
<td>1.4 in (35.7 mm)</td>
<td>68 LEDs/ft (224 LEDs/m)</td>
<td>Red</td>
<td>24.0</td>
<td>132.6 lm/ft (435.0 lm/m)</td>
<td>100.8 lm/ft (340.15 lm/m)</td>
<td>330.624 lm/ft (1108.4 lm/m)</td>
<td>12 in (30.5 cm)</td>
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<td>Green</td>
<td>11.0</td>
<td>584.4 lm/ft (1953.2 lm/m)</td>
<td>515.3 lm/ft (1681.29 lm/m)</td>
<td>335.024 lm/ft (1151.9 lm/m)</td>
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<td>Blue</td>
<td>22.0</td>
<td>169.1 lm/ft (564.3 lm/m)</td>
<td>146.8 lm/ft (489.0 lm/m)</td>
<td>267.648 lm/ft (906.9376 lm/m)</td>
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<td>Amber</td>
<td>24.0</td>
<td>178.6 lm/ft (592.0 lm/m)</td>
<td>148.5 lm/ft (485.2 lm/m)</td>
<td>279.216 lm/ft (957.456 lm/m)</td>
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<tr>
<td><strong>7.0 Color Series 2</strong></td>
<td>1.4 in (35.7 mm)</td>
<td>68 LEDs/ft (224 LEDs/m)</td>
<td>Red</td>
<td>21.0</td>
<td>150.0 lm/ft (492.0 lm/m)</td>
<td>125.0 lm/ft (413.0 lm/m)</td>
<td>150.0 lm/ft (492.0 lm/m)</td>
<td>12 in (30.5 cm)</td>
<td>✓ ✓</td>
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<td>Green</td>
<td>109.0</td>
<td>570.0 lm/ft (1872.0 lm/m)</td>
<td>487.5 lm/ft (1602.5 lm/m)</td>
<td>487.5 lm/ft (1602.5 lm/m)</td>
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<td>Blue</td>
<td>22.0</td>
<td>170.0 lm/ft (552.0 lm/m)</td>
<td>142.5 lm/ft (475.5 lm/m)</td>
<td>142.5 lm/ft (475.5 lm/m)</td>
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<td></td>
<td></td>
<td>Amber</td>
<td>24.0</td>
<td>180.0 lm/ft (594.0 lm/m)</td>
<td>150.0 lm/ft (492.0 lm/m)</td>
<td>150.0 lm/ft (492.0 lm/m)</td>
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**AVAILABLE DRIVERS**

### NON-DIMMING ELECTRONIC DRIVERS

**60W, 100W Non-Dimming Electronic Class 2 Drivers**
- **Part No.**
  - DRVW2460HTC (60 Watt)
  - DRV24100HTC (100 Watt)
- **Output Voltage:** 24 V
- **Voltage Range:** 120-277 VAC
- **IP Rating:** Dry or Damp
- **UL Listed**

**240W, 320W Non-Dimming Electronic Drivers**
- **Part No.**
  - DRVW24240 (240 Watt)
  - DRVW24320 (320 Watt)
- **Output Voltage:** 24 V
- **Voltage Range:** 90-305 VAC
- **UL Recognized**

### LUTRON HI-LUME DRIVERS

**40W, 96W Class 2 Lutron Hi-Lume Drivers**
- **Part No.**
  - DRVLUT24403W (40 Watt)
  - DRVLUT24402W (40 Watt)
  - DRVLUT24963W (96 Watt)
- **Output Voltage:** 24 V
- **Voltage Range:** 120-277 VAC or 120V (2-wire model)
- **IP Rating:** Dry or Damp
- **Dimmable using 2-wire forward phase or 3-wire ecosystem**
- **UL Listed**

### MAGNETIC, ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS.

**Magnetic, ELV & MLV Drivers**

**60W, 96W, 200W, 300W Class 1 & 2 Magnetic Drivers**
- **Part No.**
  - DRVWM2460 (60 Watt)
  - DRVWM2496 (96 Watt)
  - DRVWM24200 (200 Watt)
  - DRVWM24300 (300 Watt)
- **Output Voltage:** 24 V
- **Voltage Range:** 120-277 VAC
- **IP Rating:** Dry or Damp
- **Forward Phase Dimming**
- **ETL Listed**

**60W, 96W, 150W, 200W ELV & MLV Drivers**
- **Part No.**
  - DRVW2460ELV (60 Watt)
  - DRVW2496ELV (96 Watt)
  - DRVW24150ELV (150 Watt)
  - DRVW24200ELV (200 Watt)
- **Line Voltage Dimmable Drivers**
- **Output Voltage:** 24 V
- **Voltage Range:** 100-130 VAC
- **IP Rating:** Dry or Damp
- **Dimmable**
- **ETL, UL and CSA Listed**

### LUTRON Dimmers

**LUTRON Skylark Contour Dimmer**
- **Part No.:** TRIDIMSKY
- **Width:** 2.94 in (75 mm)
- **Length:** 4.69 in (120 mm)
- **Depth:** 0.30 in (7.6 mm)
- **Single pole and 3-way versions**
- **Compatible with GENLED Acolyte Triac Dimmer**
- **Slide adjusts brightness and On/Off control**
- **30 mA max control current**
- **Available in White finish**

**LUTRON NOVA-T Dimmer**
- **Part No.:** TRIDIMNOVA
- **Width:** 2.75 in (70 mm)
- **Length:** 4.56 in (116 mm)
- **Depth:** 0.30 in (7.6 mm)
- **Slide adjusts brightness and On/Off control**
- **30 mA max control current**
- **Available in White finish**

**LUTRON DIVA Dimmer**
- **Part No.:** TRIDIMDIVA
  - **Width:** 2.94 in (75 mm)
  - **Length:** 4.69 in (120 mm)
  - **Depth:** 0.30 in (7.6 mm)
  - **Large paddle switch with a captive linear-slide dimmer**
  - **30 mA max control current**
  - **Available in White finish**
  - **Available with locator light which glows green when the switch is off**

*For more options, please reference the Optional Dimmer List on GENLED Acolyte®‘s product website page.*
AS2 SERIES 2 CHANNEL FIXTURE

AVAILABLE DRIVERS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS

96W 0-10V Electronic Driver
Part No.: DRVW2496-10
Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: IP65
0-10V dimming with no module needed
UL Listed

LUTRON DIVA Dimmer
Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)
- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in White finish

LUTRON NOVA-T Dimmer
Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)
- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in White finish

Wattages | 40 | 60 | 96 + 100 | 150 | 200 | 240 | 300 | 320
---|---|---|---|---|---|---|---|---
Wire Gauge | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters
24 AWG | 14 | 4.27 | 9 | 2.74 | 5.5 | 1.68 | 3.75 | 1.14 | 2.75 | 0.84 | 2.25 | 0.69 | 1.75 | 0.53 | 1.75 | 0.53
22 AWG | 22 | 6.71 | 14 | 4.27 | 9 | 2.74 | 5.75 | 1.75 | 4.5 | 1.37 | 3.5 | 1.07 | 2.75 | 0.84 | 2.75 | 0.84
20 AWG | 35 | 10.67 | 23 | 7.01 | 14 | 4.27 | 9 | 2.74 | 7 | 2.13 | 5.75 | 1.75 | 4.5 | 1.37 | 4.25 | 1.30
18 AWG | 56 | 17.07 | 37 | 11.28 | 23 | 7.01 | 15 | 4.57 | 11 | 3.35 | 9 | 2.74 | 7.5 | 2.29 | 7 | 2.13
16 AWG | 90 | 27.44 | 60 | 18.29 | 37 | 11.28 | 24 | 7.32 | 18 | 5.49 | 15 | 4.57 | 12 | 3.66 | 11 | 3.35
14 AWG | 142 | 43.29 | 95 | 28.96 | 59 | 17.99 | 38 | 11.59 | 28 | 8.54 | 23 | 7.01 | 19 | 5.79 | 17 | 5.18
12 AWG | 226 | 68.90 | 151 | 46.04 | 94 | 28.66 | 60 | 18.29 | 45 | 13.72 | 37 | 11.28 | 30 | 9.15 | 28 | 8.54
10 AWG | 360 | 109.76 | 240 | 73.17 | 150 | 45.73 | 96 | 29.27 | 72 | 21.95 | 60 | 18.29 | 48 | 14.63 | 45 | 13.72
8 AWG | 574 | 175.00 | 381 | 116.16 | 239 | 72.87 | 153 | 46.65 | 115 | 35.06 | 95 | 28.96 | 76 | 23.17 | 71 | 21.65
WIRING DIAGRAMS

0-10V

MAGNETIC + ELV

DMX

WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR
Red Wire (+) Positive
Black Wire (-) Negative

CONNECTION OPTIONS

1. Default Option
   Please specify if using a different connector type.
2. 
3. 
4. 
5. 
6. 
7. 
8.