**VintageDim®** is a system consisting of the Optic Arts® GG100-24-UNV driver and the DIM.010V.W dimming module. Together they enable true dim to warm on a single 0-10v control circuit when paired with FLEX STP Variable White. Modules ship standard with an 1800K-2700K curve (with FLEXSTP.20.1835.24.58) evocative of an incandescent lamp, however, custom dimming curves can be factory programmed.

**INPUT**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>120-277 VAC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current</td>
<td>0.94A @120V and 0.41A at 277V</td>
</tr>
</tbody>
</table>

**OUTPUT**

<table>
<thead>
<tr>
<th>Max Current</th>
<th>4A max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Voltage</td>
<td>24VDC</td>
</tr>
</tbody>
</table>

**CONTROL**

<table>
<thead>
<tr>
<th>Protocol</th>
<th>Single 0-10V control input</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimming Performance</td>
<td>Dims below 1% on most 0-10V dimmers</td>
</tr>
</tbody>
</table>

*Maximum of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.

**WIRE COLOR CODING**

<table>
<thead>
<tr>
<th>AC Driver Input</th>
<th>12&quot;, UL #18AWG (White, Black, Green)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DC Driver Output</td>
<td>12&quot;, UL #18AWG (Red and Blue)</td>
</tr>
<tr>
<td>DC Module Input</td>
<td>6.5&quot;, UL #18AWG (Red, Blue)</td>
</tr>
<tr>
<td>DC Module Output</td>
<td>6.5&quot;, UL #18AWG (Black, Yellow, White)</td>
</tr>
<tr>
<td>Control Input</td>
<td>6.5&quot;, UL #24AWG (Gray, Purple)</td>
</tr>
</tbody>
</table>

**SPECIFICATION SHEET**

- **Length (L)**: 11.46 in
- **Width (W)**: 3.00 in
- **Height (H)**: 1.30 in
- **Weight**: 2.86 lbs
- **Working Temp. Range**: -20 to 50°C
- **Warranty**: 5 years

Specify VintageDim® as an option in the part number builder of each compatible Optic Arts® luminaire. Part number below provided for reference only. Compatible products listed on next page.

**PART NUMBER BUILDER**

```
SERIES
DIM.010V = 0-10V Module

+ CONTROL

W = VintageDim® Standard Dim to Warm Curve
C = VintageDim® Custom Curve
```
COMPATIBLE STRIP PRODUCTS

FLEX STP VARIABLE WHITE

<table>
<thead>
<tr>
<th>COLOR</th>
<th>LUMENS/FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Both colors at 100% (2829k)</td>
<td>355.00</td>
</tr>
<tr>
<td>1800k only</td>
<td>142.00</td>
</tr>
<tr>
<td>3550k only</td>
<td>219.00</td>
</tr>
<tr>
<td>Both colors at 100% (3561k)</td>
<td>340.00</td>
</tr>
<tr>
<td>1800k only</td>
<td>142.00</td>
</tr>
<tr>
<td>6500k only</td>
<td>211.00</td>
</tr>
</tbody>
</table>

Notes:
- Full CCT range can be utilized via custom programming.
- Stated lumen values have a tolerance of +/- 10%.

FLEX DC® VARIABLE WHITE (3.0)

<table>
<thead>
<tr>
<th>COLOR</th>
<th>LUMENS/FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Both colors at 100% (2882k)</td>
<td>214.00</td>
</tr>
<tr>
<td>2000k only</td>
<td>92.65</td>
</tr>
<tr>
<td>3500k only</td>
<td>141.31</td>
</tr>
<tr>
<td>Both colors at 100% (4518k)</td>
<td>230.00</td>
</tr>
<tr>
<td>2400k only</td>
<td>113.67</td>
</tr>
<tr>
<td>6500k only</td>
<td>140.01</td>
</tr>
</tbody>
</table>

Notes:
- Full CCT range can be utilized via custom programming.
- Stated lumen values have a tolerance of +/- 10%.
**COMPATIBLE STRIP PRODUCTS**

### SINGLE COLOR STP (Use Two Separate Strips)

<table>
<thead>
<tr>
<th>COLOR</th>
<th>LUMENS/FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1800k</td>
<td>342.00</td>
</tr>
<tr>
<td>2350k</td>
<td>433.00</td>
</tr>
<tr>
<td>2750k</td>
<td>493.00</td>
</tr>
<tr>
<td>2930k</td>
<td>520.00</td>
</tr>
<tr>
<td>3550k</td>
<td>545.00</td>
</tr>
</tbody>
</table>

*Stated lumen values have a tolerance of +/- 10%.

**COLOR TEMPERATURE (BOTH COLORS AT 100%)**

<table>
<thead>
<tr>
<th>CCT</th>
<th>1800</th>
<th>2350</th>
<th>2750</th>
<th>2930</th>
<th>3550</th>
</tr>
</thead>
<tbody>
<tr>
<td>1800</td>
<td>1800</td>
<td>2123</td>
<td>2359</td>
<td>2465</td>
<td>2829</td>
</tr>
<tr>
<td>2350</td>
<td>2123</td>
<td>2359</td>
<td>2585</td>
<td>2691</td>
<td>3056</td>
</tr>
<tr>
<td>2750</td>
<td>2359</td>
<td>2585</td>
<td>2750</td>
<td>2855</td>
<td>3220</td>
</tr>
<tr>
<td>2930</td>
<td>2465</td>
<td>2691</td>
<td>2855</td>
<td>2930</td>
<td>3294</td>
</tr>
<tr>
<td>3550</td>
<td>2829</td>
<td>3056</td>
<td>3220</td>
<td>3294</td>
<td>3550</td>
</tr>
</tbody>
</table>

**IP Rating:** 20  
**Voltage:** 24  
**Watts/Ft:** 7.3  
**Max Run:** 13.00'  
**Cuttable Increment:** Every 0.79''

### SINGLE COLOR FLEX DC® (Use Two Separate Strips)

<table>
<thead>
<tr>
<th>COLOR</th>
<th>LUMENS/FT</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000K</td>
<td>Varies</td>
</tr>
<tr>
<td>2400K</td>
<td>Varies</td>
</tr>
<tr>
<td>2700K</td>
<td>Varies</td>
</tr>
<tr>
<td>3000K</td>
<td>Varies</td>
</tr>
<tr>
<td>3500K</td>
<td>Varies</td>
</tr>
<tr>
<td>4100K</td>
<td>Varies</td>
</tr>
<tr>
<td>6000K</td>
<td>Varies</td>
</tr>
</tbody>
</table>

*Stated lumen values have a tolerance of +/- 10%.

**COLOR TEMPERATURE (BOTH COLORS AT 100%)**

<table>
<thead>
<tr>
<th>CCT</th>
<th>2000</th>
<th>2400</th>
<th>2700</th>
<th>3000</th>
<th>3500</th>
<th>4100</th>
<th>6000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>2000</td>
<td>2235</td>
<td>2411</td>
<td>2588</td>
<td>2882</td>
<td>3235</td>
<td>4354</td>
</tr>
<tr>
<td>2400</td>
<td>2235</td>
<td>2400</td>
<td>2576</td>
<td>2753</td>
<td>3047</td>
<td>3400</td>
<td>4518</td>
</tr>
<tr>
<td>2700</td>
<td>2411</td>
<td>2576</td>
<td>2700</td>
<td>2876</td>
<td>3170</td>
<td>3523</td>
<td>4642</td>
</tr>
<tr>
<td>3000</td>
<td>2588</td>
<td>2753</td>
<td>2876</td>
<td>3000</td>
<td>3294</td>
<td>3647</td>
<td>4765</td>
</tr>
<tr>
<td>3500</td>
<td>2882</td>
<td>3047</td>
<td>3170</td>
<td>3294</td>
<td>3500</td>
<td>3853</td>
<td>4971</td>
</tr>
<tr>
<td>4100</td>
<td>3235</td>
<td>3400</td>
<td>3523</td>
<td>3647</td>
<td>3853</td>
<td>4100</td>
<td>5218</td>
</tr>
<tr>
<td>6000</td>
<td>4354</td>
<td>4518</td>
<td>4642</td>
<td>4765</td>
<td>4971</td>
<td>5218</td>
<td>6000</td>
</tr>
</tbody>
</table>

**IP Rating:** 40 or 68  
**Voltage:** 24  
**Watts/Ft:** Varies  
**Max Run:** Varies  
**Cuttable Increment:** Varies

---

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DIMMING CURVES

• **Standard**
  Modules ship standard with an 1800k-2700k curve when used with FLEX STP Variable White 1835. Warm and cool LEDs are mixed to create a high CRI 2700k white and maximize light output. As the fixture is dimmed, the cool LEDs slowly fade out, leaving a warm 1800k glow at the bottom of the dimming range.

• **Custom**
  • Custom dimming curves are factory programmed at no additional charge
  • Factory Programming Leadtimes:
    • <250 pieces: 2-3wk leadtime
    • 250-999 pieces: 3-4wk leadtime,
    • ≥1000 pieces: 7-8wk leadtime,
  • Onsite programming can be provided for an additional charge.

• **Color Tolerance**
  Color tolerance of the stated dimming curves is based on the specific LED strip used. Consult strip cutsheet for more information.
Variable White Strip Wiring

FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT
- Install VintageDim® Module in low voltage wiring compartment.
- Maximum of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.

- Gray wire to 0-10V controller +
- Violet wire to 0-10V controller +
- Blue wire to DC - output of driver
- Red wire to DC + output of driver

2 Single Color Strip Wiring

FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT
- Install VintageDim® Module in low voltage wiring compartment.
- Maximum of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.

- Gray wire to 0-10V controller +
- Violet wire to 0-10V controller +
- Blue wire to DC - output of driver
- Red wire to DC + output of driver

* Wire is either white or red, depending on specific product.