



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

| | |
|----------------|-------------------------------|
| Voltage | 120-277 VAC |
| Current | 0.94A @120V and 0.41A at 277V |

OUTPUT

| | |
|--------------------|--------|
| Max Current | 4A max |
| Max Voltage | 24VDC |

CONTROL

| | |
|----------------------------|-------------------------------------|
| Protocol | Single 0-10V control input |
| Dimming Performance | Dims below 1% on most 0-10V dimmers |

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

OTHER

| | |
|----------------------------|-------------|
| 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 | 3 years |

WIRE COLOR CODING

| | |
|-------------------------|---|
| AC Driver Input | 12", UL #18AWG (White, Black, Green) |
| DC Driver Output | 12", UL #18AWG (Red and Blue) |
| DC Module Input | 6.5", UL #18AWG (Red, Blue) |
| DC Module Output | 6.5", UL #18AWG (Black, Yellow, White) |
| Control Input | 6.5", UL #24AWG (Gray, Purple) |

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



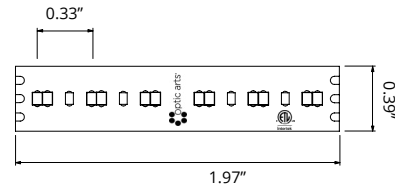
COMPATIBLE STRIP PRODUCTS

FLEX STP VARIABLE WHITE

STP Variable White Cut Sheet

IP Rating: 20
 Voltage: 24
 Watts/Ft: 5.8
 Max Run: 16.00'
 Cutable Increment: Every 1.97"

| | COLOR | LUMENS/FT |
|-------|-----------------------------|-----------|
| 18+35 | Both colors at 100% (2829k) | 355.00 |
| | 1800k only | 142.00 |
| | 3550k only | 219.00 |
| 18+65 | Both colors at 100% (3561k) | 349.00 |
| | 1800k only | 142.00 |
| | 6500k only | 211.00 |



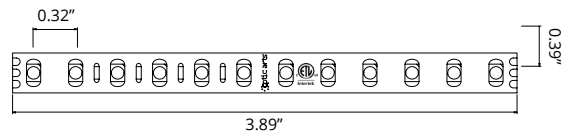
Notes:
 • Full CCT range can be utilized via custom programming.
 • Stated lumen values have a tolerance of +/- 10%.

FLEX DC® VARIABLE WHITE (3.0)

FLEX DC® Variable White Cutsheet

IP Rating: 40 or 68
 Voltage: 24
 Watts/Ft: 3.0
 Max Run: IP40: 32', IP68: 20'
 Cutable Increment: Every 3.89"

| | COLOR | LUMENS/FT |
|-------|-----------------------------|-----------|
| 20+35 | Both colors at 100% (2882k) | 214.00 |
| | 2000k only | 92.65 |
| | 3500k only | 141.31 |
| 24+60 | Both colors at 100% (4518k) | 230.00 |
| | 2400k only | 113.67 |
| | 6000k only | 140.01 |



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

COMPATIBLE STRIP PRODUCTS

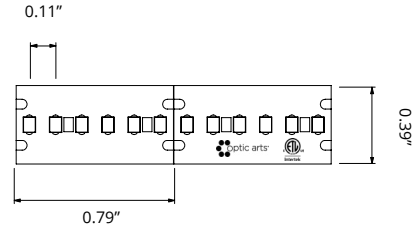
SINGLE COLOR STP (Use Two Separate Strips)

[FLEX STP Homepage](#)

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

| COLOR | LUMENS/FT |
|-------|-----------|
| 1800k | 342.00 |
| 2350k | 433.00 |
| 2750k | 493.00 |
| 2930k | 520.00 |
| 3550k | 545.00 |

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



Note: FLEX STP 7.3 shown.

COLOR TEMPERATURE (BOTH COLORS AT 100%)

| CCT | 1800 | 2350 | 2750 | 2930 | 3550 |
|------|------|------|------|------|------|
| 1800 | 1800 | 2123 | 2359 | 2465 | 2829 |
| 2350 | 2123 | 2350 | 2585 | 2691 | 3056 |
| 2750 | 2359 | 2585 | 2750 | 2855 | 3220 |
| 2930 | 2465 | 2691 | 2855 | 2930 | 3294 |
| 3550 | 2829 | 3056 | 3220 | 3294 | 3550 |

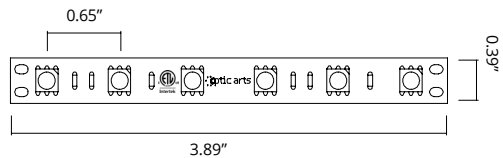
SINGLE COLOR FLEX DC[®] (Use Two Separate Strips)

[FLEX DC[®] Single Color Homepage](#)

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

| COLOR | LUMENS/FT |
|-------|-----------|
| 2000K | Varies |
| 2400K | Varies |
| 2700K | Varies |
| 3000K | Varies |
| 3500K | Varies |
| 4100K | Varies |
| 6000K | Varies |

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



Note: FLEX DC[®] 44 shown.

COLOR TEMPERATURE (BOTH COLORS AT 100%)

| CCT | 2000 | 2400 | 2700 | 3000 | 3500 | 4100 | 6000 |
|------|------|------|------|------|------|------|------|
| 2000 | 2000 | 2235 | 2411 | 2588 | 2882 | 3235 | 4354 |
| 2400 | 2235 | 2400 | 2576 | 2753 | 3047 | 3400 | 4518 |
| 2700 | 2411 | 2576 | 2700 | 2876 | 3170 | 3523 | 4642 |
| 3000 | 2588 | 2753 | 2876 | 3000 | 3294 | 3647 | 4765 |
| 3500 | 2882 | 3047 | 3170 | 3294 | 3500 | 3853 | 4971 |
| 4100 | 3235 | 3400 | 3523 | 3647 | 3853 | 4100 | 5218 |
| 6000 | 4354 | 4518 | 4642 | 4765 | 4971 | 5218 | 6000 |

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.

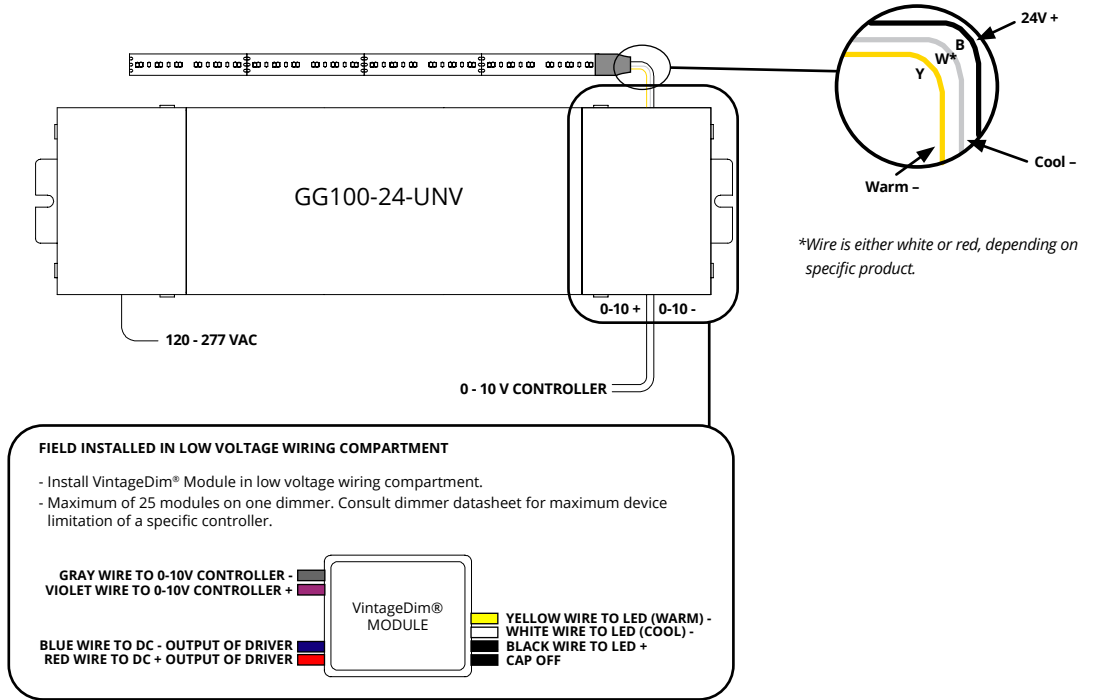
• Color Tolerance

Color tolerance of the stated dimming curves is based on the specific LED strip used. Consult strip cutsheet for more information.

Optic Arts® retains all intellectual property rights to custom dimming curves made on our platform.

WIRING DIAGRAM

Variable White Strip Wiring



2 Single Color Strip Wiring

