



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	5 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

<p>SERIES</p> <p>DIM.010V = 0-10V Module</p>	+	<p>CONTROL</p> <p>W = VintageDim® Standard Dim to Warm Curve C = VintageDim® Custom Curve</p>
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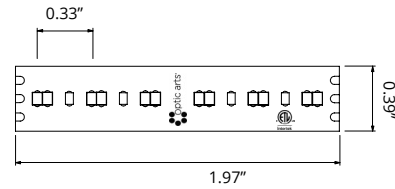
COMPATIBLE STRIP PRODUCTS

FLEX STP VARIABLE WHITE

STP Variable White Cut Sheet

IP Rating: 20
Voltage: 24
Watts/Ft: 5.8
Max Run: 16.00'
Cutttable 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:

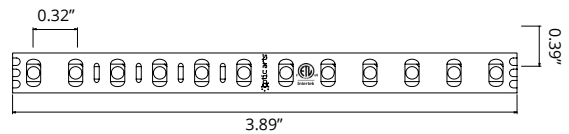
- Full CCT range can be utilized via custom programming.
- Stated lumen values have a tolerance of +/- 10%.

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'
Cutttable 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

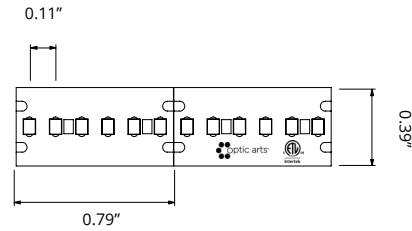
SINGLE COLOR STP (Use Two Separate Strips)

[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

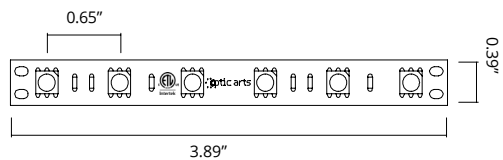
SINGLE COLOR FLEX DC[®] (Use Two Separate Strips)

[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.

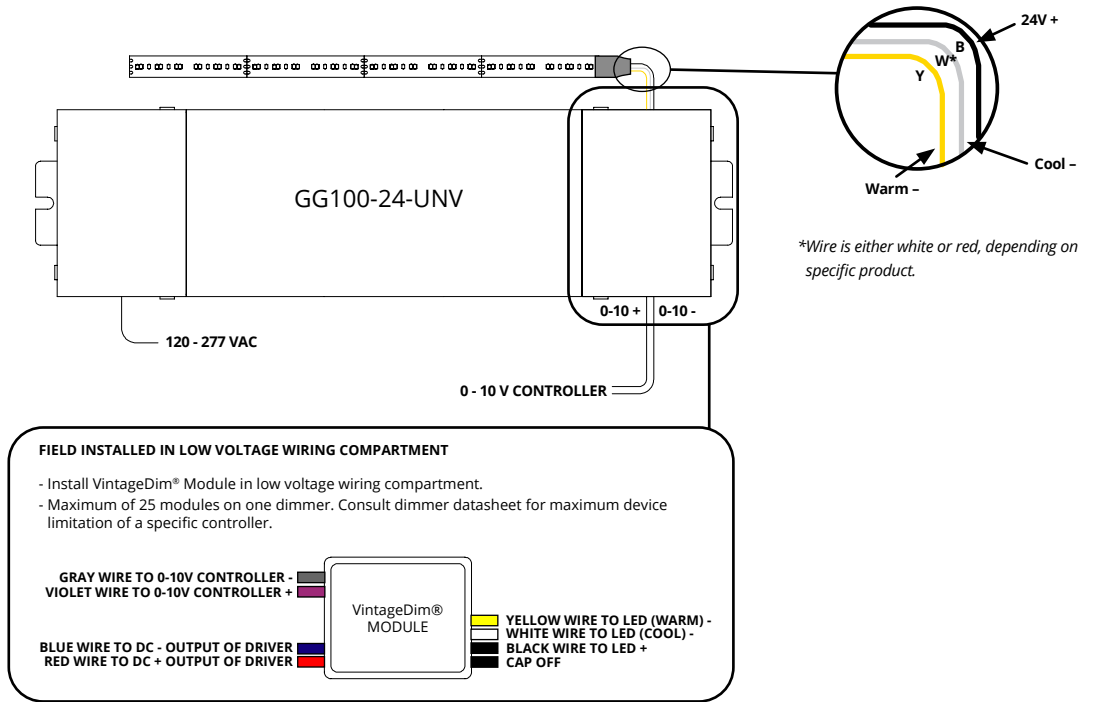
• Color Tolerance

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

