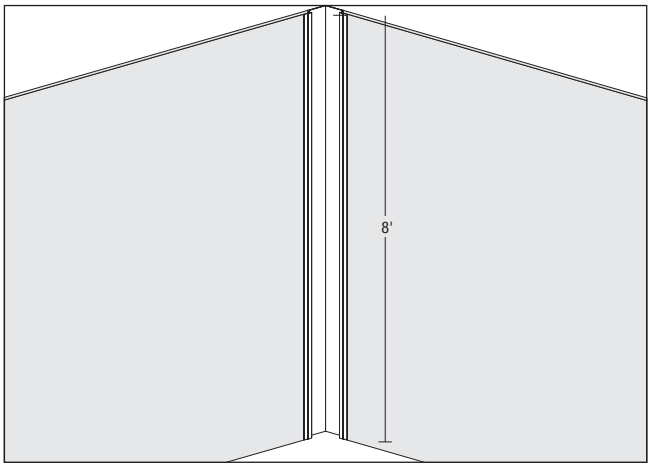
HOW TO ORDER

VERGE CORNER

The steps below show how to order Verge Corner, as well as how to specify a compatible Power Supply. If the design exceeds the maximum lengths listed within the watts per foot column of the ordering code, send drawings to **design@PureEdgeLighting.com** or call **773.770.1195** for custom design and layout assistance.

1

Create a lighting design with dimension lines.



2

Create the ordering code by selecting desired wattage, length of channel, and color temperature. Verge Corner ships with two channels of equal length. The watts per foot column shows the watts per foot for two channels, and the length in feet column shows the length of each of the two channels. In this example, two 2.5 Watt LED Soft Strips for a total wattage of 5 watts will be used.

Selections Exceptions

Confirm length does not exceed max length per selected wattage

If exact length is not offered, round up to the next size and field-cut the channel

Confirm selected wattage is compatible with desired color temperature

System		Watts per Foot		Length in Feet		Color Temperature	
VGCO	-	5WDC	-	10FT	-	40K	

System

VGCO	Verge Corner

Watts per Foot

5WDC	2 x 2.5 watts
6WDC	2 x 3 watts (35 foot max)
10WDC	2 x 5 watts (20 foot max)
12WDC	2 x 6 watts (15 foot max)

Length in Feet

5FT	5 Feet	25FT	25 Feet
10FT	10 Feet	30FT	30 Feet
15FT	15 Feet	35FT	35 Feet
20FT	20 Feet	40FT	40 Feet

Color Temperature

24K	2400K Amber White	40K	4000K Cool White
27K	2700K Very Warm White	57K	5700K Daylight White
27D	2700K Warm Dim (10WDC only)	2K4K	2000K-4000K Tunable White (10WDC only)
30K	3000K Warm White	RGB	Red, Green, and Blue (6WDC only)
30D	3000K Warm Dim (10WDC only)	RGBW	Red, Green, Blue, and 2000K White (12WDC only)
35K	3500K Neutral White		

3

Review Power Supply options on the website to determine what type of Power Supply best fits the dimming (ELV, 0-10V, or DMX) and space conditions as well as color temperature selection.

For this example, an ELV Power Supply is being selected.

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4 **Determine the compatible Power Supply** for the design based on the ordering code selections (**VGCO-5WDC-10FT-40K**) using the charts below. Keep in mind the type of Power Supply determined (step 3). For this example, the **PSB-60W-ELV-24VDC** Power Supply is the most efficient choice because it has the smallest wattage, while meeting the power requirements for the system.

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	VERGE CORNER WHITE (24K - 57K) & WARM DIM (27D & 30D)			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet	10WDC Max Feet
PS-40W-ELV-24VDC	1	1	5	N/A
PSB-60W-ELV-24VDC	1	1	10	5
PSB-100W-ELV-24VDC	1	1	20	10
PSB-2X100W-ELV-24VDC	1	1	40	20
PSB-4X100W-ELV-24VDC	1	2	80	40

0-10V DIMMING POWER SUPPLIES	VERGE CORNER WHITE (24K - 57K)			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet	10WDC Max Feet
PSB-96W-010-24VDC	1	1	20	10
PSB-2X96W-010-24VDC	1	1	40	20
PSB-4X96W-010-24VDC	1	2	80	40

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	VERGE CORNER 2K4K		
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	10WDC Max Feet
PSB-2X60W-ELV-24VDC	1	1	10
PSB-2X100W-ELV-24VDC	1	1	20
PSB-4X100W-ELV-24VDC	1	2	40
0-10V DIMMING POWER SUPPLIES	**# OF POWER SUPPLIES NEEDED**	**# OF CLASS 2 24VDC FEEDS**	**10WDC Max Feet**
PSB-2X96W-010-24VDC	1	1	20
PSB-4X96W-010-24VDC	1	2	40

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES	VERGE CORNER 2K4K, RGB & RGBW				
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	6WDC RGB Max Feet	10WDC 2K4K Max Feet	12WDC RGBW Max Feet
PSB-100W-24VDC-RGB	1	1	15	10	5
PSB-2X100W-24VDC-RGB	1	2	30	20	10
PSB-3X100W-24VDC-RGB	1	3	45	30	15
PSB-4X100W-24VDC-RGB	1	4	60	40	20

Maximum lengths are determined based on average power consumption.

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