

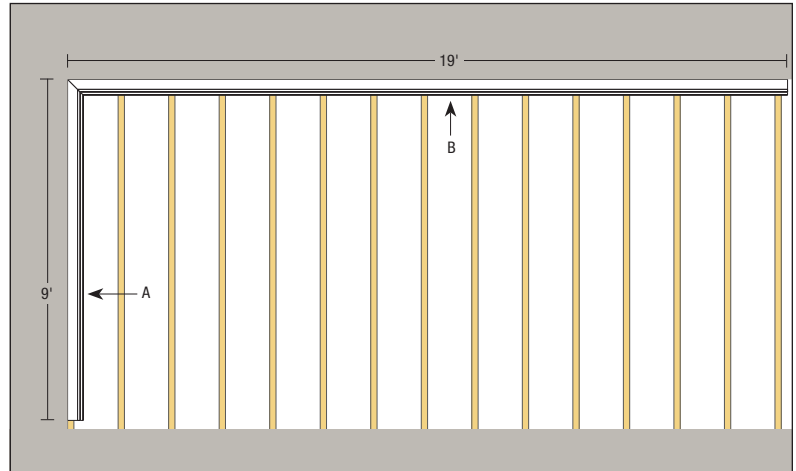
# HOW TO ORDER

## VERGE WALL & VERGE CEILING

The steps below show how to order Verge Wall and Verge Ceiling, as well as how to specify a compatible Power Supply. Verge Wall is used as the example below to walk through the 5 steps. If the design exceeds the maximum lengths listed within the watts per foot column of the ordering code, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com) or call **773.770.1195** for custom design and layout assistance.

# 1

**Create a lighting design** with dimension lines. Label each channel (necessary for step 2).



# 2

**Determine overall run length** by adding all channel lengths together.

$$A + B = \text{Overall System Length}$$

$$9' + 19' = 28'$$

# 3

**Create the ordering code** by selecting the desired wattage, overall run length needed (step 2), and color temperature. Verge Wall is used as the example below.

■ Selections ■ Exceptions

System	Watts per Foot	Length in Feet	Color Temperature
<b>VG</b> Verge Wall	<b>2WDC</b> 2.5 watts	<b>30FT</b> 30 Feet	<b>27K</b> 2700K Very Warm White
	<b>3WDC</b> 3 watts (35 foot max)	<b>10FT</b> 10 Feet	<b>24K</b> 2400K Amber White
	<b>5WDC</b> 5 watts (20 foot max)	<b>15FT</b> 15 Feet	<b>27D</b> 2700K Warm Dim (5WDC only)
	<b>6WDC</b> 6 watts (15 foot max)	<b>20FT</b> 20 Feet	<b>30K</b> 3000K Warm White
		<b>25FT</b> 25 Feet	<b>30D</b> 3000K Warm Dim (5WDC only)
		<b>30FT</b> 30 Feet	<b>35K</b> 3500K Neutral White
		<b>35FT</b> 35 Feet	<b>40K</b> 4000K Cool White
		<b>40FT</b> 40 Feet	<b>57K</b> 5700K Daylight White
			<b>2K4K</b> 2000K-4000K Tunable White (5WDC only)
			<b>RGB</b> Red, Green, and Blue (3WDC only)
			<b>RGBW</b> Red, Green, Blue, and 2000K White (6WDC only)

# 4

**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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## VERGE WALL & VERGE CEILING

# 5

**Determine the compatible Power Supply** for the design based on the ordering code selections (**VG-2WDC-30FT-27K**) using the charts below. Keep in mind the type of Power Supply determined (step 4). For this example, the **PSB-100W-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 WALL & VERGE CEILING WHITE (24K - 57K) & WARM DIM (27D & 30D)			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	2WDC Max Feet	5WDC Max Feet
PS-40W-ELV-24VDC	1	1	15	5
PSB-60W-ELV-24VDC	1	1	20	10
<b>PSB-100W-ELV-24VDC</b>	1	1	<b>40</b>	20
PSB-2X100W-ELV-24VDC	1	2	80	40
PSB-3X100W-ELV-24VDC	1	3	120	60
PSB-4X100W-ELV-24VDC	1	4	160	80

0-10V DIMMING POWER SUPPLIES	VERGE WALL & VERGE CEILING WHITE (24K - 57K)			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	2WDC Max Feet	5WDC Max Feet
PSB-25W-010-24VDC	1	1	10	5
PSB-96W-010-24VDC	1	1	40	20
PSB-2X96W-010-24VDC	1	2	80	40
PSB-3X96W-010-24VDC	1	3	120	60
PSB-4X96W-010-24VDC	1	4	160	80

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	VERGE WALL & VERGE CEILING 2K4K		
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet
PS-40W-ELV-24VDC	2	1	15
PSB-2X60W-ELV-24VDC	1	1	20
PSB-2X100W-ELV-24VDC	1	2	40
PSB-4X100W-ELV-24VDC	1	4	80
0-10V DIMMING POWER SUPPLIES	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet
PSB-2X96W-010-24VDC	1	2	40
PSB-4X96W-010-24VDC	1	4	80

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES	VERGE WALL & VERGE CEILING 2K4K, RGB & RGBW				
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	3WDC RGB Max Feet	5WDC 2K4K Max Feet	6WDC RGBW Max Feet
PSB-25W-24VDC-RGB	1	1	5	5	N/A
PSB-100W-24VDC-RGB	1	1	35	20	15
PSB-2X100W-24VDC-RGB	1	2	70	40	30
PSB-3X100W-24VDC-RGB	1	3	105	60	45
PSB-4X100W-24VDC-RGB	1	4	140	80	60

Maximum lengths are determined based on average power consumption.