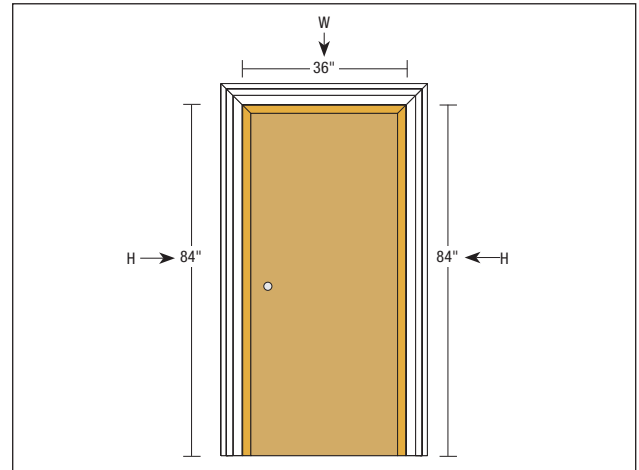


# HOW TO ORDER

## VERGE DOOR FRAME

The steps below show how to order Verge Door Frame, as well as how to specify a compatible Power Supply. Verge Door Frame, single frame 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** **Measure the door** and molding (if applicable) in inches and round to the nearest whole inch. Label the height as “H”, the width as “W”. (necessary for step 2).



**2** **Determine overall run length** using the formula on the right and round up to the nearest whole foot.

16 inches is added to account for the width of the Verge Door Frame channel

$$(H + W + H + 16) \div 12$$

$$(84'' + 36'' + 84'' + 16) \div 12 = 19'$$

**3** **Create the ordering code** by selecting the desired wattage, size, and color temperature. Verge Door Frame, single frame is used as the example below.

■ Selections ■ Exceptions

Confirm length does not exceed max length per selected wattage	Order Double Frame (D) for door frames with overall system lengths larger than 22'	Confirm selected wattage is compatible with desired color temperature
↓	↓	↓
System	Watts per Foot	Size
<b>VGDF</b>	<b>2WDC</b>	<b>S</b>
<small>VGDF Verge Door Frame</small>	<small><b>2WDC</b> 2.5 watts <b>3WDC</b> 3 watts (35 foot max) <b>5WDC</b> 5 watts (20 foot max)</small>	<small><b>S</b> Single Frame (18-22 feet) <b>D</b> Double Frame (23-27 feet)</small>
-	-	-
	Color Temperature	
	<b>24K</b>	
	<small><b>24K</b> 2400K Amber White <b>27K</b> 2700K Very Warm White <b>27D</b> 2700K Warm Dim (5WDC only) <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim (5WDC only)</small>	<small><b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White <b>2K4K</b> 2000K-4000K Tunable White (5WDC, Single Frame only) <b>RGB</b> Red, Green, and Blue (3WDC only)</small>

**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.

# HOW TO ORDER

## VERGE DOOR FRAME

# 5

**Determine the compatible Power Supply** for the design based on the ordering code selections (**VGDF-2WDC-S-24K**) using the charts below. Keep in mind the type of Power Supply determined (step 4). 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 DOOR FRAME WHITE (24K - 57K) & WARM DIM (27D & 30D)			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	2WDC Max Feet	5WDC Max Feet
PSB-60W-ELV-24VDC	1	1	22	N/A
PSB-100W-ELV-24VDC	1	1	27	20
PSB-2X100W-ELV-24VDC	1	2	N/A	27

0-10V DIMMING POWER SUPPLIES	VERGE DOOR FRAME WHITE (24K - 57K)			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	2WDC Max Feet	5WDC Max Feet
PSB-96W-010-24VDC	1	1	27	20
PSB-2X96W-010-24VDC	1	2	N/A	27

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	VERGE DOOR FRAME 2K4K		
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet
PSB-2X60W-ELV-24VDC	1	1	24
PSB-2X100W-ELV-24VDC	1	2	27
0-10V DIMMING POWER SUPPLIES	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet
PSB-2X96W-010-24VDC	1	1	27

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES	VERGE DOOR FRAME 2K4K & RGB			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	3WDC RGB Max Feet	5WDC 2K4K Max Feet
PSB-100W-24VDC-RGB	1	1	27	20
PSB-2X100W-24VDC-RGB	1	2	N/A	27

Maximum lengths are determined based on average power consumption.