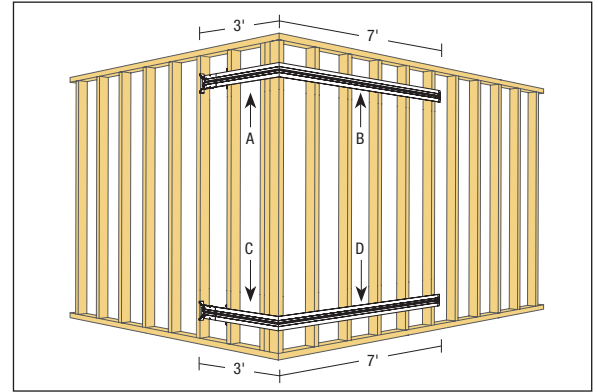


HOW TO ORDER

REVEAL

The steps below show how to order standard Reveal, as well as how to specify a compatible Power Supply. Reveal is used in the example below to walk through the 5 steps. If the design exceeds the maximum lengths listed within the length in feet 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, rounding up to the nearest whole foot. Label each channel (necessary for step 2).



2 Determine overall run length by adding all channel lengths together. For this example two 10 foot systems will be ordered.

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

$$3' + 7' + 3' + 7' = 20'$$

3 Create the ordering code by selecting the desired wattage, overall run length needed (step 2), and color temperature. Reveal with white LEDs is used as the example below. For this example two 10 foot systems will be ordered, the ordering code for one system is shown below.

■ Selections ■ Exceptions

Confirm length does not exceed max length per selected wattage

Confirm selected wattage is compatible with desired color temperature

System	Watts Per Foot	Length in Feet	Color Temperature
RV	2WDC	10FT	35K
RV Reveal	2WDC 2.5 watts 5WDC 5 watts 7WDC 7.5 watts 10WDC 10 watts	1-40FT 2WDC 1-20FT 5WDC 1-12FT 7WDC 1-10FT 10WDC	24K 2400K Amber White 27K 2700K Very Warm White 27D 2700K Warm Dim (5WDC only) 30K 3000K Warm White 30D 3000K Warm Dim (5WDC only) 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White 2K4K 2000K-4000K Tunable White (5WDC, 10WDC only)

REVEAL RGB

System	Watts Per Foot	Length in Feet	Color Temperature
RV	3WDC	36FT	RGB
RV Reveal	3WDC 3 watts 5WDC 5 watts 6WDC 6 watts	1-36FT 3WDC 1-20FT 5WDC 1-12FT 6WDC	RGB Red, Green, Blue RGBW Red, Green, Blue, 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.

HOW TO ORDER

REVEAL

5

Determine the compatible Power Supply for the design based on the ordering code selections (**RV-2WDC-10FT-35K**) using the charts below. Keep in mind the type of Power Supply determined (step 4), and that two 10 foot systems will be ordered. 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	REVEAL WHITE (24K - 57K) & WARM DIM (27D & 30D)					
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	2WDC Max Feet	5WDC Max Feet	7WDC Max Feet	10WDC Max Feet
PS-40W-ELV-24VDC	1	1	16	8	5	4
PSB-60W-ELV-24VDC	1	1	24	12	8	6
PSB-100W-ELV-24VDC	1	1	40	20	12	10
PSB-2X60W-ELV-24VDC	1	2	48	24	16	12
PSB-2X100W-ELV-24VDC	1	2	80	40	24	20

0-10V DIMMING POWER SUPPLIES	REVEAL WHITE (24K - 57K)					
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	2WDC Max Feet	5WDC Max Feet	7WDC Max Feet	10WDC Max Feet
PSB-25W-010-24VDC	1	1	10	5	3	2
PSB-96W-010-24VDC	1	1	40	20	12	10
PSB-2X96W-010-24VDC	1	2	80	40	24	20

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	REVEAL 2K4K			
	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet	10WDC Max Feet
PS-40W-ELV-24VDC	2	1	16	8
PSB-2X60W-ELV-24VDC	1	1	20	10
PSB-2X100W-ELV-24VDC	1	2	40	20
0-10V DIMMING POWER SUPPLIES	# OF POWER SUPPLIES NEEDED	# OF CLASS 2 24VDC FEEDS	5WDC Max Feet	10WDC Max Feet
PSB-2X96W-010-24VDC	1	2	40	20

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES	REVEAL 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	9	5	4
PSB-100W-24VDC-RGB	1	1	36	20	16
PSB-2X100W-24VDC-RGB	1	2	72	40	32

Maximum lengths are determined based on average power consumption.