

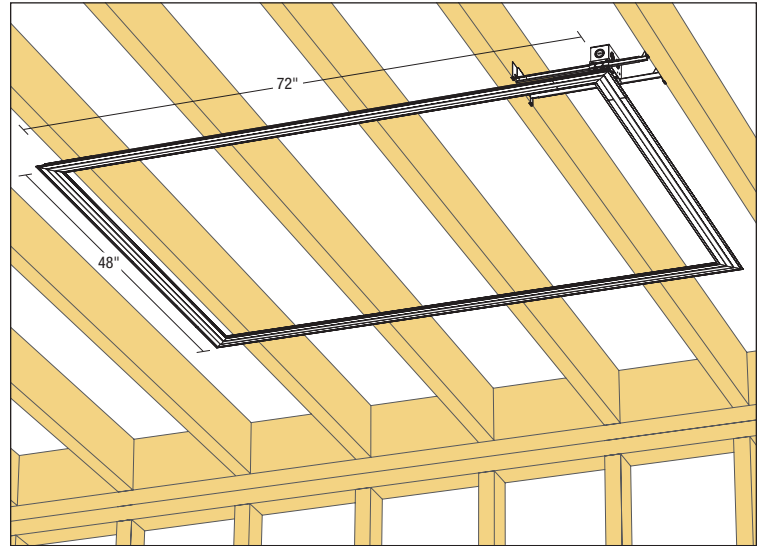
HOW TO ORDER

TRUQUAD .5A, 1A & 1.6A

The steps below show how to order TruQuad .5A, 1A, and 1.6A, as well as how to specify a compatible Power Supply. TruQuad .5A is used as the example below to walk through the 5 steps. Send drawings to design@PureEdgeLighting.com or call **773.770.1195** for custom design, layout assistance, and compatible Power Supply information.

1

Create a lighting design with dimension lines. Measurements should be taken from the outside edges of the lens. For this example, 48 inches is the length of the short sides, and 72 inches is the length of the long sides.



2

Create the ordering code by selecting the desired wattage, overall short and long side run lengths needed (step 1), and color temperature. TruQuad will ship with multiple channels and lenses with pre-mitered corners. TruQuad .5A is used as the example below.

■ Selections ■ Exceptions

For a square design, the same length should be entered in both boxes

Confirm selected wattage is compatible with desired color temperature

System	Watts Per Foot	Short Side	Long Side	Color Temperature												
TL.5A	5W	48	72	30K												
TL.5A TruLine .5A	2W 2.5 watts 5W 5 watts 6W 6 watts	6 - 400 inches (1" increments) per side, RGBW max 384"	6 - 400 inches (1" increments) per side, RGBW max 384"	<table border="0"> <tr> <td>24K 2400K Amber White</td> <td>40K 4000K Cool White</td> </tr> <tr> <td>27K 2700K Very Warm White</td> <td>57K 5700K Daylight White</td> </tr> <tr> <td>27D 2700K Warm Dim (5W Only)</td> <td>2K4K 2000K - 4000K Tunable White (5W Only)</td> </tr> <tr> <td>30K 3000K Warm White</td> <td>RGB Red, Green and Blue (5W Only)</td> </tr> <tr> <td>30D 3000K Warm Dim (5W Only)</td> <td>RGBW Red, Green, Blue and 2000K White (6W Only, 384" Max)</td> </tr> <tr> <td>35K 3500K Neutral White</td> <td></td> </tr> </table>	24K 2400K Amber White	40K 4000K Cool White	27K 2700K Very Warm White	57K 5700K Daylight White	27D 2700K Warm Dim (5W Only)	2K4K 2000K - 4000K Tunable White (5W Only)	30K 3000K Warm White	RGB Red, Green and Blue (5W Only)	30D 3000K Warm Dim (5W Only)	RGBW Red, Green, Blue and 2000K White (6W Only, 384" Max)	35K 3500K Neutral White	
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35K 3500K Neutral White																

3

Determine overall run length in inches using the formula on the right, to specify a compatible Power Supply.

$$((2 \times \text{Short Side}) + (2 \times \text{Long Side}))$$

$$((2 \times 48") + (2 \times 72")) = 240"$$

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

TRUQUAD .5A, 1A & 1.6A



5

Determine the compatible Power Supply for the design based on the ordering code selections (**TL.5A-5W-48X72-30K**) and the overall run length determined (step 3), 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. Multiple Power Supplies may be required based on lighting design. Consult our lighting experts for more information, by emailing design@PureEdgeLighting.com or calling **773.770.1195**.

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	TL.5A & TL1A WHITE (24K - 57K) & WARM DIM (27D & 30D)				TL1.6A WHITE (24K - 57K) & WARM DIM (27D & 30D)			
	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	2WDC Max Inch	5WDC Max Inch	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	5WDC Max Inch	10WDC Max Inch
PS-40W-ELV-24VDC	1	1	192	96	1	1	96	48
PSB-60W-ELV-24VDC	1	1	288	144	1	1	144	72
PSB-100W-ELV-24VDC	1	1	480	240	1	1	240	120
PSB-2X60W-ELV-24VDC	1	1	576	288	1	1	288	144
PSB-2X100W-ELV-24VDC	1	1	960	480	1	1	480	240
PSB-4X100W-ELV-24VDC	1	2	1600	960	1	2	960	480

0-10V DIMMING POWER SUPPLIES	TL.5A & TL1A WHITE (24K - 57K)				TL1.6A WHITE (24K - 57K)			
	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	2WDC Max Inch	5WDC Max Inch	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	5WDC Max Inch	10WDC Max Inch
PSB-25W-010-24VDC	1	1	120	60	1	1	60	30
PSB-96W-010-24VDC	1	1	480	240	1	1	240	120
PSB-2X96W-010-24VDC	1	1	960	480	1	1	480	240
PSB-4X96W-010-24VDC	1	2	1600	960	1	2	960	480
PSB-4X96W-010-24VDC	N/A	N/A	N/A	N/A	2	4	1600	960

ELECTRONIC LOW VOLTAGE (ELV) DIMMING POWER SUPPLIES	TL.5A & TL1A 2K4K			TL1.6A 2K4K		
	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	5WDC Max Inch	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	10WDC Max Inch
PS-40W-ELV-24VDC	2	1	192	2	1	96
PSB-2X60W-ELV-24VDC	1	1	288	1	1	144
PSB-2X100W-ELV-24VDC	1	1	480	1	1	240
PSB-2X60W-ELV-24VDC	2	2	576	2	1	288
PSB-4X100W-ELV-24VDC	1	2	960	1	1	480
PSB-4X100W-ELV-24VDC	2	4	1600	2	4	960
0-10V DIMMING POWER SUPPLIES	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	5WDC Max Inch	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	10WDC Max Inch
PSB-2X96W-010-24VDC	1	1	480	1	1	240
PSB-4X96W-010-24VDC	1	2	960	1	2	480

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES	TL.5A & TL1A 2K4K, RGB & RGBW				TL1.6A 2K4K, RGB & RGBW			
	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	5WDC 2K4K & RGB Max Inch	6WDC RGBW Max Inch	# OF POWER SUPPLIES NEEDED	Max # OF L-POWER CONNECTORS	10WDC 2K4K & RGB Max Inch	12WDC RGBW Max Inch
PSB-25W-24VDC-RGB	1	1	60	48	1	1	30	24
PSB-25W-24VDC-RGB	2	1	120	96	2	1	60	48
PSB-100W-24VDC-RGB	1	1	240	192	1	1	120	96
PSB-2X100W-24VDC-RGB	1	1	480	384	1	1	240	192
PSB-4X100W-24VDC-RGB	1	2	960	768	1	2	480	384
PSB-4X100W-24VDC-RGB	2	4	1600	1536	2	4	960	768

Maximum lengths are determined based on average power consumption.