

# BL fiberSOURCE Petra

LED light engine designed for BL fiberOPTIC  
90W, 24VDC



BL fiberSOURCE Petra is a powerful 90W LED illuminator, emitting up to 5700 lm, rivaling the brilliant light output of less efficient metal halide lamps, and capable of illuminating long runs of BL fiberOPTIC, perfect for architectural accenting. The white light LED has an average 36,000 hour lamp life, and can be specified in a wide range of Kelvin temperatures, from warm 3000K to a cool 5500K, and can be fitted with either a 6-Color Wheel, or Twinkle Wheel, for special effects. Options available for easy control of your dimming, color changing, or twinkling effects, include a built in manual dimmer, 010V or DMX protocols.

CLIENT	
PROJECT NAME	
LOCATION	
DATE	

Up to 5700lm Output

## Product Detail



Lighting	CCT	3000K, 4000K, 5500K
	Wheel Options	Twinkle, Color
	Average Life	36,000 Hours
Electrical	Controls	DMX, 0-10V, Switch
	Input Voltage	100V-240VAC
	PSU Output	24VDC
	Temp. Range	14°F to 113°F (-10°C to 45°C)
Mechanical	Housing Construction	Aluminum
	Weight	5.31lb (2.41kg)
	Environmental	IP20
	Aperture Diameter	1-3/16" (30mm)

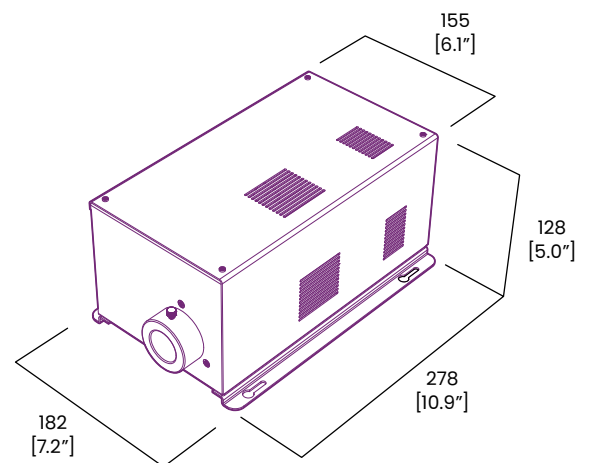
## Performance

CCT/Color		3000K	4000K	5500K
Power	W/unit	90W		
Lumens	lm/unit	4650	5300	5700
Efficacy	lm/W	52	53	63
CRI		83	82	76

## Ordering

Product Code	CCT/Color	Control	Effect
BL fiberSOURCE Petra			
	3000K	NO (No Dimming)	NO (No Wheel)
	4000K	010V	CW (Color Wheel)
	5500K	DMX	TW (Twinkle Wheel)

## Dimensions



### BL LIGHTING ILLUMINATE EVERYTHING

111 - 8838 Heather St. Vancouver, BC, Canada. V6P 3S8  
P: 1-804-874-4405 E: info@bllighting.com  
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Solid State Lighting is sensitive to power fluctuations. Surge protection is highly recommended for all LED lighting products and should be on a dedicated circuit to protect against premature failure. Lack of surge protection may void your warranty.

Designed & Assembled in North America.

Specifications subject to change without notice. Please refer to our website at [bllighting.com](http://bllighting.com) for current technical data.

For more information, please download the BL LIGHTING catalog

[bllighting.com](http://bllighting.com)

