



**SIGNRAYZ®**

**PRO 115**



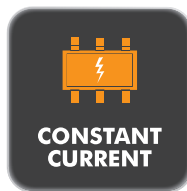
Global Color Consistency



Waterproof Encapsulation



Advanced Optics



CONSTANT CURRENT



UV RESISTANT



50,000 HRS  
L70 LIFETIME

## Ordering Information

Part Number	White Color Temperature	Number of Modules		*Nominal Light Output (lm)*		
		per Foot	per Meter	per Module	per Foot	per Meter
LS-PRO115-65K-2L1	6500K	2	6.56	57.5	115	377

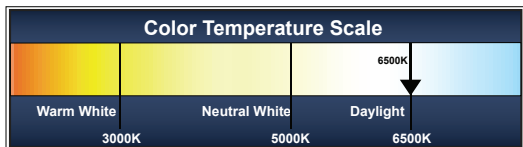
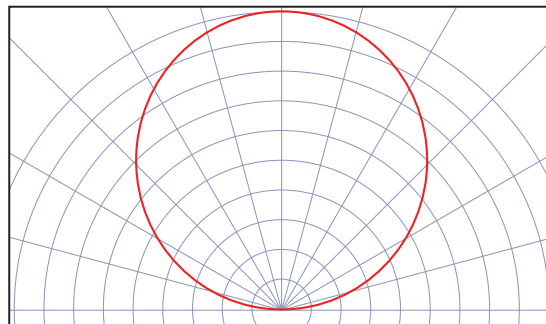
\*±10%

## Product Ratings

Luminous Efficacy	87 lm/W
Max. Wattage per Module	0.70 W (0.66 W Nom.)
Input Current	0.055 A/module
Power Supply	Class 2: 5A, 60W 84 modules per power supply max.
Ingress Protection	IP68
Operating Temperature	-40°C to +60°C (-40°F to +140°F)
L70 Lifetime	50,000 hours
Warranty	5 Year limited

## Luminous Intensity Distribution

L1 120° Beam Angle



## Applications

- Channel letters with a depth of 5 inches (125mm) and greater

**General LED, Inc.**  
1074 Arion Circle, Suite 116  
San Antonio, TX 78216  
United States of America  
+1.866.482.0203

**General LED Fze**  
822, Building 4EA  
Dubai Airport Free Zone  
Dubai, United Arab Emirates  
+971 4 7017901

## Population Density Guide <sup>1</sup>

Channel Depth (inch / mm)	Max. Single Stroke (inch / mm)	Max. Multiple Row (inch / mm)
5 / 125	6 / 152	5 / 127
6 / 150	7 / 178	6 / 152
7 / 180	8 / 203	7 / 178

<sup>1</sup> Modules are spaced with wires at full stretch, unless noted otherwise.  
7328 White Acrylic was used for testing the face light uniformity; other face materials may vary the module and row spacing to achieve the same face light uniformity and brightness.

## LED Module to Power Supply Wire Size

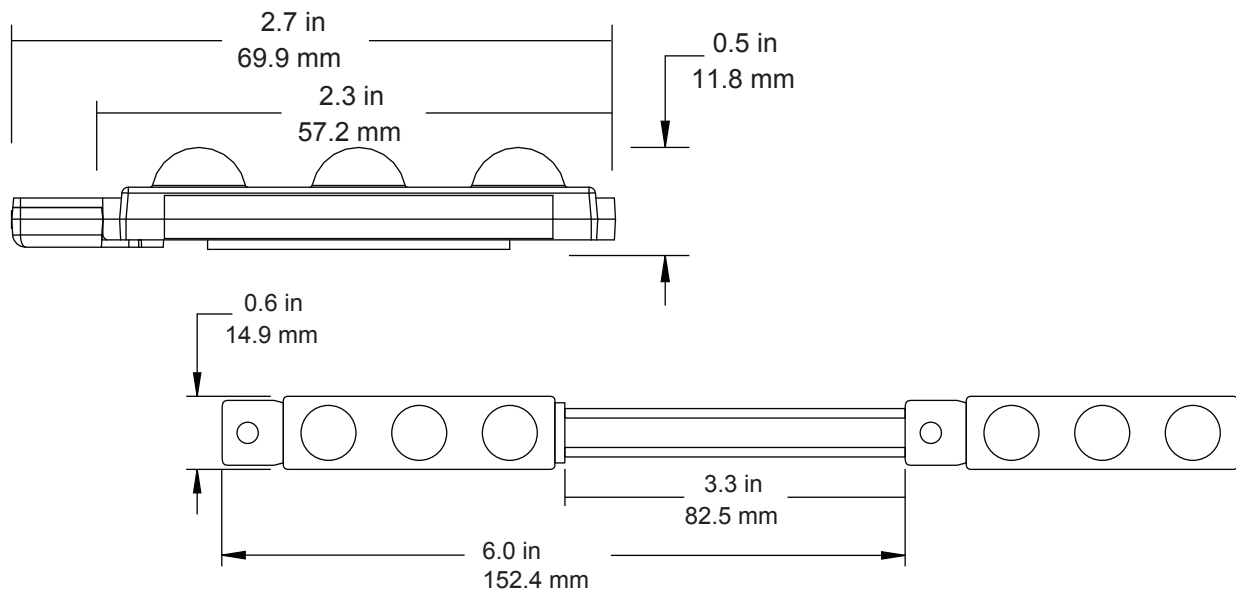
Wire Size		Maximum Distance*	
Gauge (AWG)	Metric (mm <sup>2</sup> )	Feet	Meters
26	0.13	3	0.9
24	0.21	4	1.2
22	0.33	7	2.1
20	0.52	11	3.4
18	0.82	18	5.5
16	1.31	29	8.8
14	2.08	45	13.7
12	3.31	71	21.6
10	5.26	120	36.6

\*Distance from power supply to load at full capacity

## Power Supply Load Chart

Model	# of Modules		# of Feet		# of Meters	
	12W	60W	12W	60W	12W	60W
LS-PRO115-XXX-2L1	16	84	8	42	2.4	12.8

## LED Module Dimensions



## Shipping Information

Model	SKU	Tray Quantity	Box Quantity	Case Quantity	Case Weight	Box Dimensions			Case Dimensions		
						W	D	H	W	D	H
LS-PRO115-XXX-2L1	1 (ft)	20 (ft)	100 (ft)	500 (ft)	37 (lb)	19.7"	9.6"	4.1"	23.0"	20.3"	10.6"
	0.3 (m)	6.1 (m)	30.5 (m)	152.4 (m)	16.8 (kg)	500mm	245mm	105mm	585mm	515mm	270mm



1. These products are only suitable for connection to a Class 2 power source rated 12 Volt or less.
2. These products are intended for use only when connected to a power source that complies with Class 2 voltage and energy limited circuit.
3. When these units are connected to a Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the Class 2 power supply.
4. These products may be secured in place in the end product by any means available.
5. These products are suitable for use in dry, damp, and wet locations. Not suitable for submersed applications.