



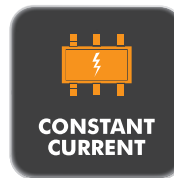
**ONEwhite®**  
Global Color Consistency



**Capzul®**  
Waterproof Encapsulation



**VersaLenz®**  
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-PRO215-ASW-2G3	AgiLight SignWhite	2	6	118	236	708
LS-PRO215-65K-2G3	6500K	2	6	118	236	708
LS-PRO215-57K-2G3	5700K	2	6	118	236	708
LS-PRO215-50K-2G3	5000K	2	6	118	236	708
LS-PRO215-45K-2G3	4500K	2	6	99	198	594
LS-PRO215-41K-2G3	4100K	2	6	99	198	594
LS-PRO215-30K-2G3	3000K	2	6	99	198	594
LS-PRO215-27K-2G3	2700K	2	6	99	198	594

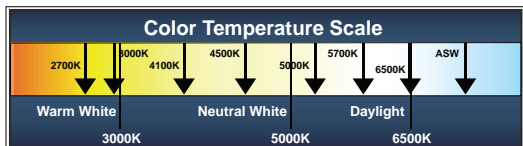
\*±10%

**Product Ratings**

Luminous Efficacy	105 lm/W
Max. Wattage per Module	1.18 W (1.12 W Nom.)
Input Current	0.093 A/module
Power Supply	Class 2: 5A, 60W 50 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

**Applications**

- Large channel letters
- Wide stroke channel letters
- Perforated vinyls
- Dark vinyls
- Hi-Rise signs
- Box signs
- Cloud signs
- Logo boxes
- Push through acrylic
- Cove lighting
- Accent lighting

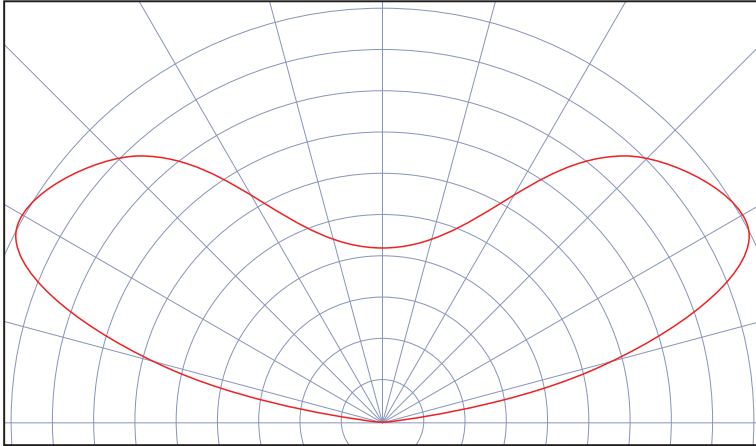


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## Luminous Intensity Distribution

G3 Batwing Beam Pattern



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

Channel Depth (inch / mm)	Max. Single Stroke (inch / mm)	Max. Multiple Row (inch / mm)
4 / 100	10 / 254	8 / 203
5 / 125	12 / 305	10.5 / 267
6 / 150	14 / 356	12 / 305
7 / 180	16 / 406	14 / 356
8 / 200	16 / 406 <sup>2</sup>	16 / 406

<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.  
<sup>2</sup> Module spacing is determined to maintain ~600 lux at the sign face (7328 White Acrylic).

## 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

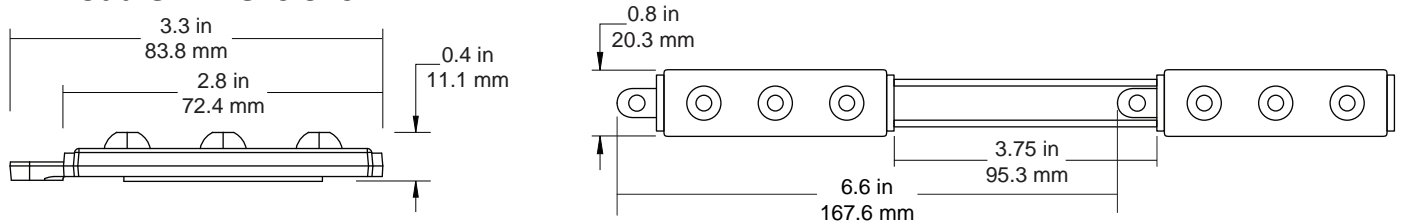
\* Distance from power supply to load at full capacity.

## Power Supply Load Chart

LED Module type	LS-PRO215-xxx-2G3			
Class 2 Power Supply	Total # of Modules	Total # of Feet	Total # of Meters	
12W	9	4.5	1.5	
60W	50	25.0	8.3	
Class 1 Power Supply (Wired in parallel strings)	Maximum # of Modules per String	Total # of Modules	Total # of Feet	Total # of Meters
100W	50	80	40.0	13.3
150W	50	120	60.0	20.0
220W	50	176	88.0	29.3

Note: Wiring details in "Installation Guide: Wiring Instructions for Class 1 Power Supplies to LED Modules".

## LED Module Dimensions



## Shipping Information

Model	Tray Quantity	Box Quantity	Case Quantity	Case Weight	Box Dimensions			Case Dimensions		
					W	D	H	W	D	H
LS-PRO215-xxx-2G3	40 Modules	200 Modules	1000 Modules	50 (lb) 22.7 (kg)	20.7"	11.8"	5.1"	27"	21.1"	12.4"
	20 (ft)	100 (ft)	500 (ft)							
	6.7 (m)	33.3 (m)	166.7 (m)							



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.