



PRO SERIES —With VersaLenz[®] advanced optics, SignRayz PRO LED modules features batwing beam patterns that enable large light coverage per module and significantly reduce the number of modules per sign, these technologies allow for reduced installation cost to sign makers and end-users



Applications:

- Cabinet signs
- Cove lighting
- Accent lighting



12V DC



5 YEAR LIMITED WARRANTY



ONEWhite[®] COLOR CONSISTENCY



VERSALENZ[®] ADVANCED OPTICS



CAPZUL[®] WATERPROOF



CONSTANT CURRENT



UV RESISTANT



50,000 HRS L70 LIFETIME



ORDERING GUIDE

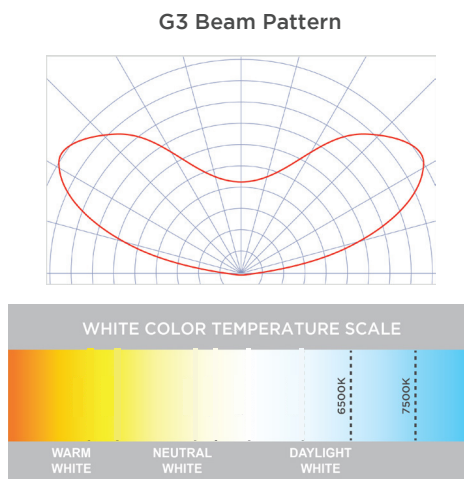
Part Number	White Color Temp.	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
			Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-PRO115-ASW-2G3	AgiLight Sign White	--	2	6.56	51	102	335
LS-PRO115-65K-2G3	6500K	--	2	6.56	51	102	335

* ±10%

PRODUCT RATINGS

Luminous Efficacy	106 lm/W @ 6500K
Wattage per Module	0.48 W Nominal 0.50 W Maximum
Input Voltage	12 V DC
Input Current	0.040 A/ module
Power Supply Loading	115 modules per 60 W
Ingress Protection	IP68
Operating Temperature	-40° - +140° F (-40° - +60° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

LUMINOUS INTENSITY DISTRIBUTION



MODULE DIMENSIONS

Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-PRO115-xxx-2G3	2.68/68.0	0.61/15.5	0.49/12.5

REV: 29MAY2019
Data sheet subject to change without notice.



POWER SUPPLY LOADING

Module Type	LS-PRO115-xxx-2G3			
	Power Supply (wired in Parallel Strings)	Max. # of Modules Per String	Total # of Modules	Total # of Feet
12 W	23	23	11.5	3.5
60W	115	115	57.5	17.5
100W	115	188	94.0	28.7
150W	115	281	140.5	42.8
220W	115	412	206.0	62.8

- 12W, 15W, 35W and 60W are UL rated Class 2 Power Output.
- 100W, 150W, 180W, 220W are UL rated Class 1 Power Output.
- The number of modules in each of the parallel strings should not exceed the specified maximum.

LED MODULE TO POWER SUPPLY WIRE SIZE

Wire Size	Maximum Distance*		
	Gauge (AWG)	Metric (mm ²)	Feet
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

LAYOUT GUIDE*

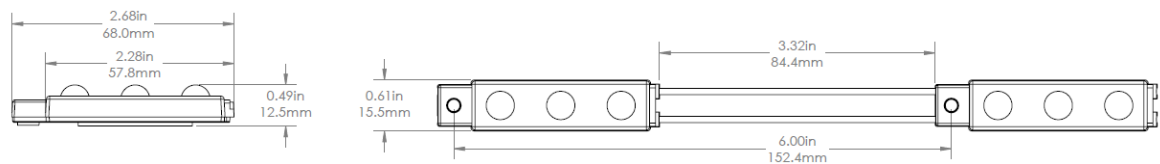
Channel Depth (in.)	Single Row		Multiple Rows		Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing		Max. Stroke	Module Spacing	Row Spacing	Module Spacing
4	10	6	8	6	100	254	152	203	152
5	12	6	10.5	6	125	305	152	267	152
6	14	6	12	6	150	356	152	305	152
7	15	6	14	6	180	381	152	356	152

*Module spacing is defined to achieve minimum 600 lux at sign face (7328 white)

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity			Carton Weight	Box Dimensions			Carton Dimensions			
		Per Bag	Per Box	Per Carton		W	D	H	W	D	H	
LS-PRO115-xxx-2G3	Modules	40	200	1000	37.0 lb 16.8 kg	19.7	9.6	4.1	23.0	20.3	10.6	inch
	Feet	20	100	500								
	Meters	6.1	30.5	152.4								

DIMENSION DRAWING



1. UL ONLY - These products are only suitable for connection to a UL rated Class 2 power source rated 12 Volt or less.
2. UL ONLY - These products are intended for use only when connected to a power source that complies with UL rated Class 2 voltage and energy limited circuit.
3. UL ONLY - When these units are connected to a UL rated Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the UL rated 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.