



Pro 115 with its lambertian lens is a cost effective option for medium depth narrow channel letters.

Applications:

- Applications starting at 5" (125 mm depth or higher)



12V DC



5 YEAR LIMITED WARRANTY



ONEWhite[®] COLOR CONSISTENCY



CAPZUL[®] WATERPROOF



CONSTANT CURRENT



UV RESISTANT



50,000 HRS L70 LIFETIME



ORDERING GUIDE

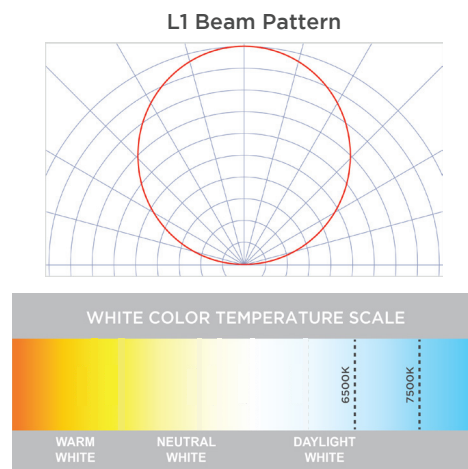
Part Number	White Color Temp.	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
			Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-PRO115-ASW-2L1	AgiLight Sign White	--	2	6.56	57.5	115	377
LS-PRO115-65K-2L1	6500K	--	2	6.56	57.5	115	377

* ± 10%

PRODUCT RATINGS

Luminous Efficacy	106 lm/W @ 6500K
Wattage per Module	0.54 W Nominal 0.57 W Maximum
Input Voltage	12 V DC
Input Current	0.045 A/ module
Power Supply Loading	102 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-2L1	2.68/68.0	0.61/15.5	0.49/12.5



POWER SUPPLY LOADING

Module Type	LS-PRO115-xxx-2L1			
	Power Supply (wired in Parallel Strings)	Max. # of Modules Per String	Total # of Modules	Total # of Feet
12 W	20	20	10.0	3.0
60W	102	102	51.0	15.5
100W	102	166	83.0	25.3
150W	102	250	125.5	38.1
220W	102	366	183.0	55.8

- 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

*Distance from 60W power supply to 100% load

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
5	6	6	5	6
6	7	6	6	6
7	8	6	7	6

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
125	152	152	127	152
150	178	152	152	152
180	203	152	178	152

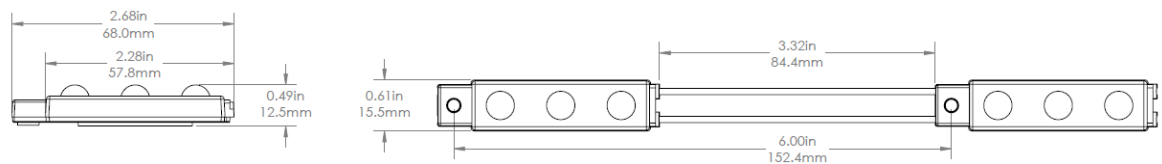
*Module spacing is defined to achieve minimum 600 lux at sign face (7328 white)

**Modules are staggered

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-2L1	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								
						500	245	105	585	515	270	mm

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.