

PRO LYTE 2 COLOR

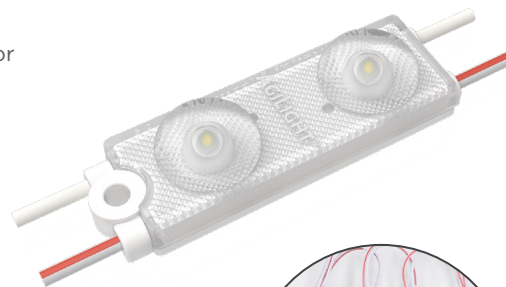
Great for channel letters, box signs and accent lighting, PRO Lyte 2 Color features dual-LED modules in a 24 VDC true IC constant current design that maintains pure colored light across each string. With an IP67 rating and a seven-year warranty, PRO Lyte 2 Color allows speedy installation with a convenient continuous release liner for the mounting tape. Spaced at 7.09 in. (180 mm), PRO Lyte 2 Color is available in Red, Green and Blue.

Applications:

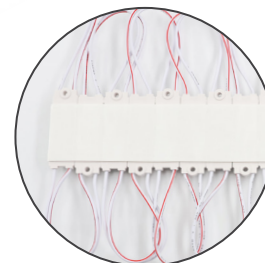
- Channel letters
- Box and cabinet signs
- Accent and cove lighting



IP67



CONTINUOUS RELEASE LINER
REDUCES INSTALLATION TIME BY 30%



24 VDC



7-YEAR LIMITED WARRANTY



VERSALENZ[®]
ADVANCED OPTICS



CONSTANT CURRENT



UV RESISTANT



50,000 HRS
L70 LIFETIME

ORDERING GUIDE

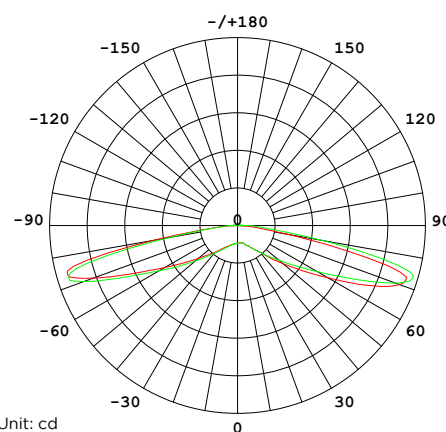
Part Number	Colors ¹	Module Spacing (in. / mm)	Wattage (W)	Input Current (mA)	Number of Modules		Nominal Light Output (lm)			
					Per Foot	Per Meter	Per Watt	Per Module	Per Foot	Per Meter
LS-PL2-RED-B180-A	Red (625 nm)	7.09 / 180	0.72	30	1.69	5.56	37	26	44	144
LS-PL2-GRN-B180-A	Green (525 nm)	7.09 / 180	0.72	30	1.69	5.56	94	67	113	372
LS-PL2-BLU-B180-A	Blue (468 nm)	7.09 / 180	0.72	30	1.69	5.56	21	15	25	83

1. Custom colors available by request

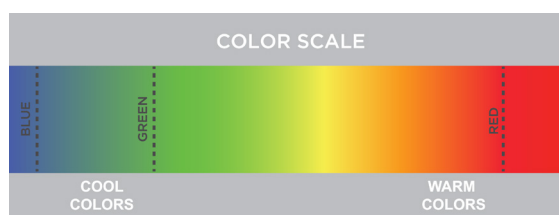
PRODUCT RATINGS

Input Voltage	24 VDC
IC Design	Constant Current
Lumen Drop	< 3%
Ingress Protection	IP67
Beam Angle	176
MacAdam ellipse	3-step binning
Molding Material	ABS
Operating Temperature	-13 — 140 °F (-25 — 60 °C)
Lifetime (L70 reported)	50,000 hours
Warranty	7-year limited warranty
Dimensions (L x W x H)	1.97 x 0.63 x 0.45 in. (50.1 x 16 x 11.38 mm)

LUMINOUS INTENSITY DISTRIBUTION



Unit: cd
 — C0/180, 173.7
 — C90/270, 178.9
 Average Beam Angle (50%): 176.3°



MODULE DIMENSIONS

Part Number	Length (in./mm)	Width (in./mm)	Height (in./mm)
LS-PL2-XXX-B180-A	1.97/50.1	0.63/16	0.45/11.38

POWER SUPPLY LOADING

Power Supply	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters
60 W	100	75	43.69	13.320
100 W	100	127	75.03	22.806

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
2	8	7.09	8	7.09
3	12	7.09	10	7.09
4	16	7.09	12	7.09
5	22	7.09	16	7.09

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
50	200	180	200	180
75	300	180	250	180
100	400	180	300	180
125	550	180	400	180

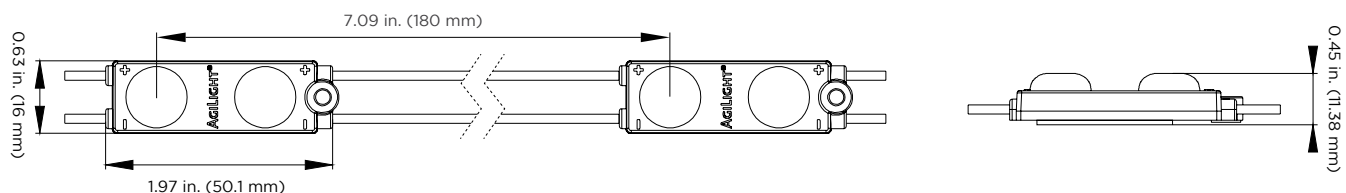
*Module spacing is defined by 7328 white sign face material

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-PL2-XXX-B180-A	Modules	100	700	1400

Carton Dimensions			Carton Weight	Box Dimensions			Box Weight
L	W	H	17.6 kg (38.8 lbs)	L	W	H	8.8 kg (19.4 lbs)
20.47	14.57	10.24		13.78	9.87	9.06	
520	370	260		350	250	230	

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 and damp locations. Not suitable for wet or submersed applications.

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