

PRO LYTE 4

Great for channel letters, box signs and accent lighting, PRO Lyte 4 features quad-LED modules in a 24 VDC true IC constant current design that maintains brilliant light across each string. With an IP67 rating and a seven-year warranty, PRO Lyte 4 allows speedy installation with a convenient continuous release liner for the mounting tape. Spaced at 12.01 in. (305 mm), PRO Lyte 4 generates up to 170 lm/W in sign-bright 6500K. Available in five CCTs (3000K, 4000K, 5000K, 6500K, 7100K).

Applications:

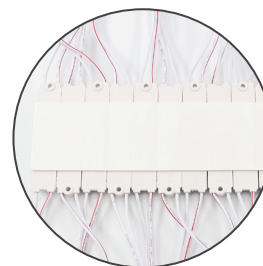
- Channel letters
- Box and cabinet signs
- Accent and cove lighting



IP67



CONTINUOUS RELEASE LINER
REDUCES INSTALLATION TIME BY 30%



24 VDC



7-YEAR LIMITED WARRANTY



ONeWhite[®]
COLOR CONSISTENCY



VERSALENZ[®]
ADVANCED OPTICS



CONSTANT CURRENT



UV RESISTANT



50,000 HRS
L70 LIFETIME

ORDERING GUIDE

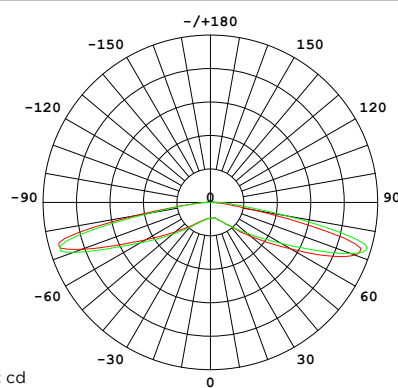
Part Number	CCTs ¹	Module Spacing (in. / mm)	Wattage (W)	Input Current (mA)	Number of Modules		Nominal Light Output (lm)			
					Per Foot	Per Meter	Per Watt	Per Module	Per Foot	Per Meter
LS-PL4-71K-B305-A	7100K	12.01 / 305	1.44	60	1	3.28	170	245	245	803
LS-PL4-65K-B305-A	6500K	12.01 / 305	1.44	60	1	3.28	170	245	245	803
LS-PL4-50K-B305-A	5000K	12.01 / 305	1.44	60	1	3.28	170	245	245	803
LS-PL4-40K-B305-A	4000K	12.01 / 305	1.44	60	1	3.28	170	245	245	803
LS-PL4-30K-B305-A	3000K	12.01 / 305	1.44	60	1	3.28	160	230	230	754

1. Custom CCTs available by request

PRODUCT RATINGS

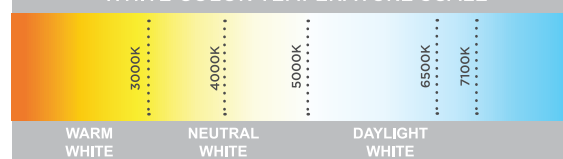
Input Voltage	24 VDC
IC Design	Constant Current
Lumen Drop	< 3%
Ingress Protection	IP67
Beam Angle	176
MacAdam ellipse	3-step binning
Max. # of Modules Per Continuous String	70 modules
Molding Material	ABS
Operating Temperature	-13 — 140 °F (-25 — 60 °C)
Lifetime (L70 reported)	50,000 hours
Warranty	7-year limited warranty
Dimensions (L x W x H)	3.18 x 0.76 x 0.42 in. (80.7 x 19.3 x 10.7 mm)

LUMINOUS INTENSITY DISTRIBUTION



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

WHITE COLOR TEMPERATURE SCALE



Data sheet subject to change without notice.

MODULE DIMENSIONS

Part Number	Length (in./mm)	Width (in./mm)	Height (in./mm)
LS-PL4-XXK-B305-A	3.18/80.7	0.76/19.3	0.42/10.7

POWER SUPPLY LOADING

Power Supply	Total # of Modules	Total # of Feet	Total # of Meters
60 W	37	21.25	6.48
100 W	64	64	19.512

LAYOUT GUIDE*

Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
3	12	12	10	12
4	14	12	12	12
5	18	12	14	12
6	24	12	18	12
8	34	12	22	12

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
75	300	305	250	305
100	350	305	300	305
125	450	305	350	305
150	600	305	450	305
200	850	305	550	305

*Module spacing is defined by 7328 white sign face material

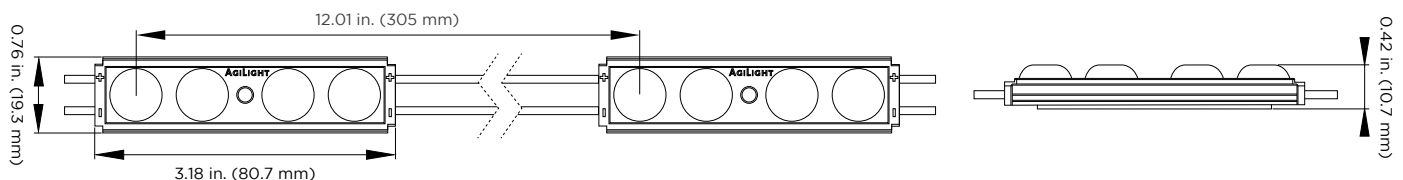
SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-PL4-XXK-B305-A	Modules	70	420	840

Carton Dimensions			Carton Weight	Box Dimensions			Box Weight
L	W	H	19.8 kg (43.65 lbs)	L	W	H	9.2 kg (20.28 lbs)
20.47	14.57	10.24		13.78	9.84	9.06	
520	370	260		350	250	230	

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

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