

PRO ENDURANCE 4

PRO Endurance 4 modules from AgiLight are versatile premium 24V modules that can be customized for CCT and lumen output. PRO Endurance 4 modules feature efficacy of up to 180 lm/W. They come with a 10-year parts and labor warranty and a 10-year L80 brightness warranty that is unmatched in the industry.



IP68



24 VDC



10-YEAR LIMITED WARRANTY



ONEWhite[®]
COLOR CONSISTENCY



VERSALENZ[®]
ADVANCED OPTICS



CAPZUL[®]
WATERPROOF



CONSTANT CURRENT



UV RESISTANT

ORDERING GUIDE - 3000K* | 4000K* | 5000K | 6500K | 7100K

Data below based on 6500K modules

Part Number**	Optic	Module Spacing (in./mm)	Wattage per Module (W)	Number of Modules		Nominal Light Output (lm)			
				Per Foot	Per Meter	Per Watt	Per Module	Per Foot	Per Meter
LS-PE4-XXK-200-B300-A	B	12 / 300	1.11	1	3.3	180	200	203	667
LS-PE4-XXK-300-B405-A	B	16 / 405	1.76	0.8	2.5	170	300	226	741

* Limited stock

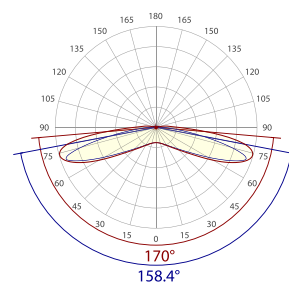
** In part numbers, 'XX' represents the CCT. Replace 'XX' with '30' for 3000K, '40' for 4000K, '50' for 5000K, '65' for 6500K, or '71' for 7100K.

PRODUCT RATINGS

Input Voltage	24 VDC
IC Design	Constant Current
Lumen Drop	< 3%
Max. # of Modules Per Continuous String	69 modules (LS-PE4-XXK-200-B300-A) 46 modules (LS-PE4-XXK-300-B405-A)
Ingress Protection	IP68
MacAdam ellipse	3-step binning
Operating Temperature	-13 — 140 °F (-25 — 60 °C)
Lifetime (L80 reported)	TM-21 reported: L80 > 54,000 hours TM-21 calculated (extrapolated): L80 ≈ 86,000 hours
Warranty	10-year limited warranty
Dimensions (L x W x H)	3.15 x 0.6 x 0.48 in. (80 x 15 x 12 mm)

OPTICS

B (ultra-wide angle)



- > Medium to large channel letters
- > Large cabinet & pylon signs
- > Shallow applications requiring high brightness, still works down to 3 in. (75 mm) depths

POWER SUPPLY LOADING

Module Type (B optic)	Per 30 W Power Supply			Per 60 W Power Supply			Per 100 W Power Supply			Per 300 W Power Supply (3x 100 W)		
	Max. # of Modules	Max. # of Feet	Max. # of Meters	Max. # of Modules	Max. # of Feet	Max. # of Meters	Max. # of Modules	Max. # of Feet	Max. # of Meters	Max. # of Modules	Max. # of Feet	Max. # of Meters
LS-PE4-XXK- 200 -B300-A	24	22.6	6.9	48	46.3	14.1	81*	79.7	24.3	243* (3x 81)	239 (3x 79.67)	72.9 (3x 24.3)
LS-PE4-XXK- 300 -B405-A	15	20	6.1	30	39.7	12.1	51*	67.6	20.6	153* (3x 51)	203 (3x 67.67)	61.8 (3x 20.6)

* For optimum performance maximum number of **200 lm** modules on a single continuous string is 69.
For optimum performance maximum number of **300 lm** modules on a single continuous string is 46.

Data sheet subject to change without notice.

REV.01DEC2025

LAYOUT GUIDE*

B optic | 200 lm/module | 300 mm spacing

LS-PE4-XXK-200-B300-A				
Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
6	12	12	10	12
7	18	12	14	12
8	26	12	20	12
9	34	12	26	12

B optic | 200 lm/module | 300 mm spacing

LS-PE4-XXK-200-B300-A				
Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
150	300	300	250	300
175	450	300	350	300
200	650	300	500	300
225	850	300	650	300

B optic | 300 lm/module | 405 mm spacing

LS-PE4-XXK-300-B405-A				
Channel Depth (in.)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
8	26	16	20	16
9	34	16	26	16

B optic | 300 lm/module | 405 mm spacing

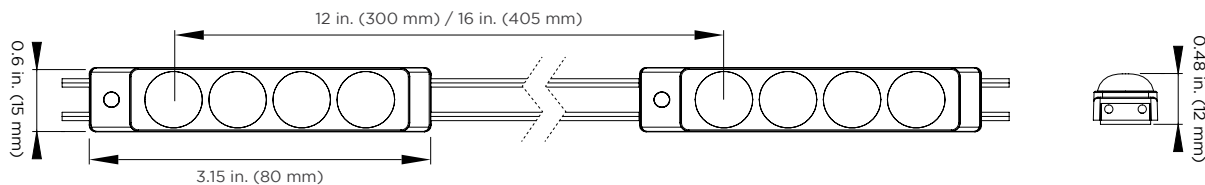
LS-PE4-XXK-300-B405-A				
Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
200	650	405	500	405
225	850	405	650	405

* Layout guidance is based on 0.2 in. (5 mm) thick 7328 acrylic with 23% translucency, designed to achieve optimal uniformity.

SHIPPING INFORMATION

Part Number	Packaging Quantity		Carton Dimensions			Carton Weight
	Per Bag	Per Carton	L	W	H	
LS-PE4-xxK-200-B300-A	100	800	20.47 in. / 520 mm	14.57 in. / 370 mm	10.24 in. / 260 mm	39.57 lbs / 17.95 kg
LS-PE4-xxK-300-B405-A	100	600	20.47 in. / 520 mm	14.57 in. / 370 mm	10.24 in. / 260 mm	34.17 lbs / 15.5 kg

DIMENSION DRAWING



1. UL ONLY - These products are only suitable for connection to a UL rated Class 2 power source rated 24 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.

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