

ENDURANCE SERIES



24V

Premium LED Signage Modules

allegiant stadium

The background of the advertisement is a night-time photograph of the Allegiant Stadium. The stadium's curved facade is illuminated with bright white LED light strips. The name "allegiant stadium" is visible on the facade, with a small orange flame-like logo above the word "allegiant". Two white LED signage modules are overlaid on the right side of the image. Each module is rectangular and features four circular LED chips arranged vertically. They have red and white wires extending from the top and bottom. The modules are shown at an angle, highlighting their slim profile.

**GEN
LED**

AGILIGHT[®]
Innovative Signage Lighting

ENDURANCE SERIES

24V

Premium Signage Lighting Solutions

For more than 20 years, AgiLight has engineered, designed and manufactured premium LED modules that redefined what is possible in signage lighting. And we've done it again.

Introducing 24V PRO Endurance modules from AgiLight, which let you pick the optic beam angles you want, select your lumen output and CCT and enjoy efficacy of up to 192 lumens per Watt — all with a new type of warranty that guarantees your signs will look fantastic throughout their expected lifetime!



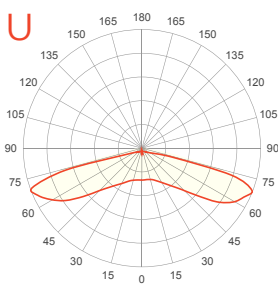
VOLTAGE

The Endurance Series features **24V PRO** models.

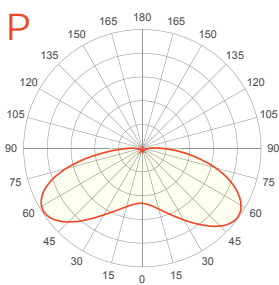
OPTICS

Select custom beam angles that match your precise application.

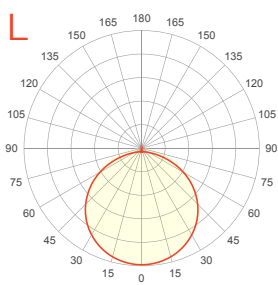
2-LENS OPTICS



- > Small, medium to large channel letters and sign cabinets

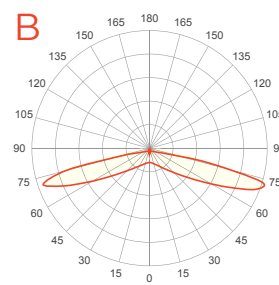


- > Small to medium channel letters & logos
- > Thin font channel letters (serifs, Times Roman)
- > Increased surface brightness due to a more direct illumination



- > Day/Night acrylic and perforated materials
- > Channel letters & logos with illuminated returns
- > Deep channel letters and cabinet signs requiring forward light distribution
- > Cabinets with push through faces

4-LENS OPTICS



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

LUMEN OUTPUT

2-LENS MODELS

- > 35, 70, 100 or 150 lumens per module

4-LENS MODELS

- > 200 or 300 lumens per module

CCT / COLOR

2-LENS MODELS

- > 3000K, 4000K, 5000K, 6500K, 7100K
- > Red, Green, Blue, Yellow (U optic)

4-LENS MODELS

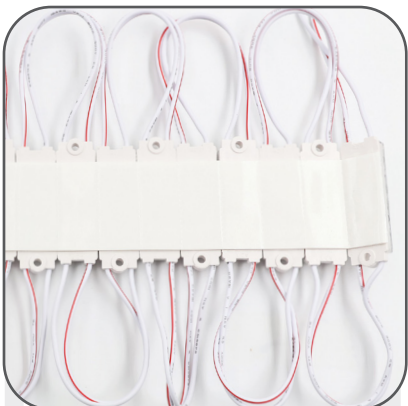
- > 3000K, 4000K, 5000K, 6500K, 7100K



10 YEAR
L80 WARRANTY

UP TO
192
lm/W

CC



Breakthrough Warranty

We don't just promise that our modules will light after 10 years. On top of our 10-year parts and labor warranty, we offer a **10-year L80 brightness warranty** that is unmatched in the industry. Through 60,000 hours*, PRO Endurance modules suffer minimal color shift and light degradation, which means your signs will still look fantastic.

* Signage lighting on 16 hours a day for 10 years

Incredible Efficacy

Our upgraded premium modules feature superior heat management, low drive current and top-of-the-line Constant Current ICs that save energy for a significantly faster ROI (return on investment).

Constant Current IC Design

Endurance Series modules are engineered with a **CONSTANT CURRENT IC DESIGN** that maintains lumen output across an entire string — **NO LUMEN DROP!**

MASSIVE Time Savings

We've added our popular, time-saving **CONTINUOUS RELEASE LINER** to the complete Endurance range. Cut installation times by **UP TO 40%**. Don't peel single modules – just grab an end and go! With one simple motion, PRO Endurance modules are ready to install.



SPECIFICATIONS

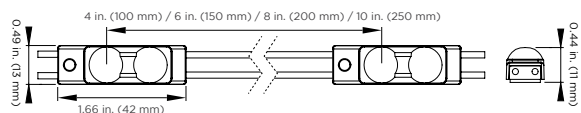
Static White data based on 6500K modules

24 V Product	Part Number*	Optic	Module Spacing (in./mm)	Wattage per Module (W)	Number of Modules Per Foot	Number of Modules Per Meter	Lumens (lm) Per Watt	Lumens (lm) Per Module	Max # of Modules per 100W PS
PRO Endurance 2	LS-PE2-XXK-35-U100-A	U	4 / 100	0.19	3.05	10	185	35	474
PRO Endurance 2	LS-PE2-XXK-70-U150-A	U	6 / 150	0.39	2.03	6.67	180	70	225
PRO Endurance 2	LS-PE2-XXK-100-U200-A	U	8 / 200	0.56	1.52	5	180	100	158
PRO Endurance 2	LS-PE2-XXK-150-U250-A	U	10 / 250	0.86	1.22	4	175	150	103
PRO Endurance 2	LS-PE2-XXK-35-P100-A	P	4 / 100	0.19	3.05	10	180	35	474
PRO Endurance 2	LS-PE2-XXK-70-P150-A	P	6 / 150	0.40	2.03	6.67	175	70	225
PRO Endurance 2	LS-PE2-XXK-100-P200-A	P	8 / 200	0.57	1.52	5	175	100	158
PRO Endurance 2	LS-PE2-XXK-150-P250-A	P	10 / 250	0.87	1.22	4	172	150	103
PRO Endurance 2	LS-PE2-XXK-35-L100-A	L	4 / 100	0.18	3.05	10	192	35	474
PRO Endurance 2	LS-PE2-XXK-70-L150-A	L	6 / 150	0.38	2.03	6.67	185	70	225
PRO Endurance 2	LS-PE2-XXK-100-L200-A	L	8 / 200	0.54	1.52	5	185	100	158
PRO Endurance 2	LS-PE2-XXK-150-L250-A	L	10 / 250	0.83	1.22	4	180	150	103
PRO Endurance 2 Color (Red)	LS-PE2-RED-U200-A	U	8 / 200	0.7	1.5	5	50	35	145
PRO Endurance 2 Color (Green)	LS-PE2-GRN-U200-A	U	8 / 200	0.45	1.5	5	133	60	209
PRO Endurance 2 Color (Blue)	LS-PE2-BLU-U200-A	U	8 / 200	0.83	1.5	5	24	20	113
PRO Endurance 2 Color (Yellow)	LS-PE2-YLW-U200-A	U	8 / 200	0.85	1.5	5	15	13	104
PRO Endurance 4	LS-PE4-XXK-200-B300-A	B	12 / 300	1.11	1	3.3	180	200	81
PRO Endurance 4	LS-PE4-XXK-300-B405-A	B	16 / 405	1.76	0.8	2.5	170	300	51

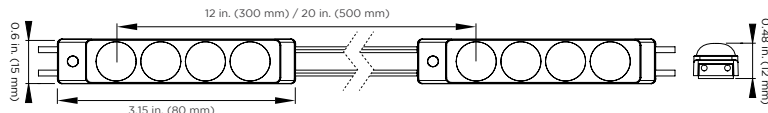
* In part numbers, 'XX' represents the CCT. Replace 'XX' with '30' for 3000K, '40' for 4000K, '50' for 5000K, '65' for 6500K, or '71' for 7100K. Limited stock for 3000K and 4000K.

DIMENSIONS

PRO ENDURANCE 2



PRO ENDURANCE 4



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