

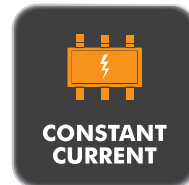
ONEwhite®
Global Color Consistency



Capzul®
Waterproof Encapsulation



VersaLenz®
Advanced Optics



CONSTANT CURRENT



UV RESISTANT



50,000 HRS
L70 LIFETIME

Ordering Information

Part Number	White Color Temperature	Number of Modules per Meter	Nominal Light Output (lm)*	
			per Module	per Meter
LS-PRO260-ASW-2B1	AgiLight SignWhite	6	130	780
LS-PRO260-65K-2B1	6500K	6	130	780
LS-PRO260-57K-2B1	5700K	6	130	780
LS-PRO260-50K-2B1	5000K	6	130	780
LS-PRO260-45K-2B1	4500K	6	110	660
LS-PRO260-41K-2B1	4100K	6	110	660
LS-PRO260-30K-2B1	3000K	6	110	660
LS-PRO260-27K-2B1	2700K	6	110	660

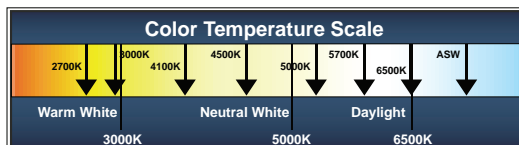
*±10%

Product Ratings

Luminous Efficacy	98 lm/ W
Max. Wattage per Module	1.36 W (1.32 W Nom.)
Input Current	0.110 A/module
Power Supply	44 modules per 60W power supply max.
Ingress Protection	IP68
Operating Temperature	-40°C to +60°C (-40°F to +140°F)
L70 Lifetime	50,000 hours
Warranty	5 Year limited

Applications

- Box signs with return depth of 100 – 200mm
- Channel letters with large stroke width
- Cover lighting
- Accent lighting

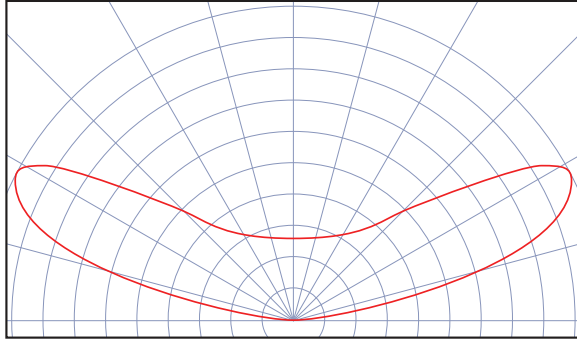


Part Number Guide

LED Sign	Module Type	Color Temperature	# of Modules per foot (305mm)	Beam Pattern
LS	-PRO260	-65K	-2	B1

Luminous Intensity Distribution

B1 Batwing Beam Pattern



Population Density Guide¹

Channel Depth (mm)	Max. Single Stroke (mm)	Max. Multiple Row (mm)
75	225	200
100	300 ^{2,3}	300 ^{2,3}
125	400	375
150	450	450
180	525	525
200	600	500

WH72 white Acrylic was used to test the face light uniformity; other face materials may vary the module and row spacing for the same face light uniformity and brightness.

1. Modules are spaced with wires at full stretch, unless noted otherwise.
2. Modules' center to center spacing is 120 mm.
3. Modules' center to center spacing is 150 mm.
4. Module spacing is defined to achieve at least 250 cd/m² at the sign face (WH72 white acrylic).

Power Supply Load Chart

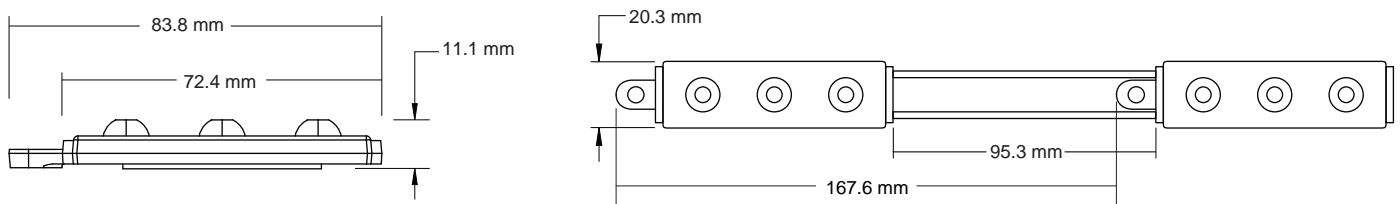
LED Module type	LS-PRO260-xxx-2B1		
Power Supply (Wired in parallel strings)	Maximum # of Modules per String	Total # of Modules	Total # of Meters
15 W	10	10	1.7
35W	24	24	4.0
60W	44	44	7.3
100W	44	68	11.3
180W	44	123	20.5

LED Module to Power Supply Wire Size

Wire Size		Maximum Distance*
Gauge (AWG)	Metric (mm ²)	Meters
26	0.13	0.9
24	0.21	1.2
22	0.33	2.1
20	0.52	3.4
18	0.82	5.5
16	1.31	8.8
14	2.08	13.7
12	3.31	21.6
10	5.26	36.6

* Distance from power supply to first module of the LED chain at full load.

LED Module Dimensions



Shipping Information

Model	Bag Quantity	Box Quantity	Case Quantity	Case Weight	Box Dimensions			Case Dimensions		
					W	D	H	W	D	H
LS-PRO260-xxx-2B1	40 Modules 6.7 (m)	200 Modules 33.3 (m)	1000 Modules 166.7 (m)	22.7 (kg)	525mm	300mm	130mm	685mm	537mm	315mm



CAUTIONS

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.