



## Applications

- High brightness Channel Letters
- High brightness Box signs
- Cabinet signs
- Accent lighting



## Ordering Information

Part number	White Color Temperature	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm) *		
			per Foot	per Meter	per Module	per Foot	per Meter
LS-PRO260-ASW-2G3B	7500K	168	2	6	144	288	864
LS-PRO260-65K-2G3B	6500K	168	2	6	146	293	876
LS-PRO260-57K-2G3B	5700K	168	2	6	144	288	864
LS-PRO260-50K-2G3B	5000K	168	2	6	144	288	864
LS-PRO260-45K-2G3B	4500K	168	2	6	132	265	792
LS-PRO260-41K-2G3B	4100K	168	2	6	132	265	792
LS-PRO260-30K-2G3B	3000K	168	2	6	132	265	792
LS-PRO260-27K-2G3B	2700K	168	2	6	122	243	732

\* ±10%

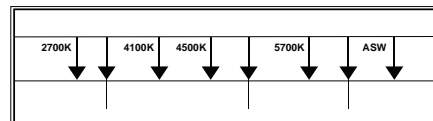
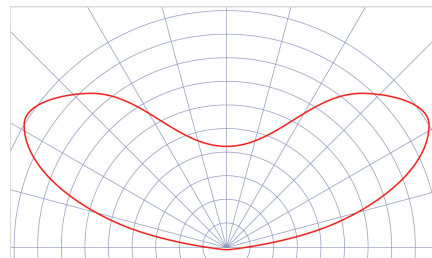


## Product Ratings

Luminous Efficacy	110.6 lm/W @ 6500K
Wattage per Module	1.32 W Nominal 1.36 W Maximum
Input Voltage	12 V DC
Input Current	0.110 A/ module
Power Supply Loading	44 modules per 60W
Ingress Protection	IP68
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
L70 Life time	50,000 hours
Warranty	5 Year limited

## Luminous Intensity Distribution

G3B Batwing Beam Pattern



## Shipping Information

Module Type	Packaging Quantity			Carton Weight	Box Dimensions			Carton Dimensions				
	per Bag	per Box	per Case		W	D	H	W	D	H		
LS-PRO260-xxx-2G3B	40	200	1000	Modules								
	20.0	100.0	500.0	Feet	45.4 lb	18.9	10.4	3.7	20.7	19.3	11.4	inch
	6.7	33.5	167.6	Meters	20.6 kg	480	265	95	525	490	290	mm

## Layout Guide\*

Channel Depth (inch)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
1.57**	3.5	3.33	2.375	3.33
2	5	3.75	3.75	3.75
3	8	6	6	6
4	11	6.6	8.5	6.6
5	14	6.6	11	6.6
6	17	6.6	13.5	6.6
7	20	6.6	16	6.6
8	22	6.6	18.5	6.6

Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing
40**	89	85	60	85
50	127	95	95	95
75	203	152	152	152
100	279	168	216	168
125	356	168	279	168
150	432	168	343	168
180	508	168	406	168
200	559	168	470	168

\* Module spacing is defined to achieve ~600 lux at sign face (7328 white)

\*\* Modules are staggered

## Power Supply Loading

Module Type	LS-PRO260-xxx-2G3B			
	Power Supply (wired in Parallel Strings)	Max. # of Modules per String	Total # of Modules	Total # of Feet
12 W	8	8	4.0	1.3
15 W	10	10	5.0	1.7
35 W	24	24	12.0	4.0
60 W	44	44	22.0	7.3
100 W	44	68	34.0	11.3
150 W	44	102	51.0	17.0
180 W	44	123	61.5	20.5
220 W	44	150	75.0	25.0

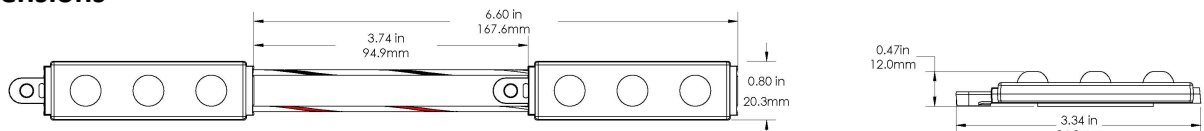
- Note: 1. 12W, 15W, 35W and 60W are UL rated Class 2 Power Output.  
 2. 100W, 150W, 180W, 220W are UL rated Class 1 Power Output.  
 3. The number of modules in each of the parallel strings should not exceed the specified maximum.

## LED Module to Power Supply Wire Size

Wire Size		Maximum Distance*	
Gauge (AWG)	Metric (mm <sup>2</sup> )	Feet	Meters
26	0.13	3	0.9
24	0.21	4	1.2
22	0.33	7	2.1
20	0.52	11	3.4
18	0.82	18	5.5
16	1.31	29	8.8
14	2.08	45	13.7
12	3.31	71	21.6
10	5.26	120	36.6

\* Distance from 60W power supply to 100% load.

## Dimensions



NOTES: WIRE IS 18 AWG / 0.82mm<sup>2</sup>  
 RED STRIPE (+), BLACK STRIPE (-)



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.