



PRO SERIES - With VersaLenz<sup>®</sup> advanced optics, SignRayz PRO LED Modules feature batwing beam patterns that enable large light coverage areas per module and significantly reduce the number of modules per sign. These technologies allow for reduced installation cost to sign makers and end-users.

**Applications:**

- High brightness channel letters
- High brightness box signs
- Cabinet signs
- Accent lighting



12V DC



5 YEAR LIMITED WARRANTY



ONEWhite<sup>®</sup> COLOR CONSISTENCY



VERSALENZ<sup>®</sup> ADVANCED OPTICS



CAPZUL<sup>®</sup> WATERPROOF

**ORDERING GUIDE**

Part Number	White Color Temp.	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	292	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	264	792
LS-PRO260-41K-2G3B	4100K	168	2	6	132	264	792
LS-PRO260-30K-2G3B	3000K	168	2	6	132	264	792
LS-PRO260-27K-2G3B	2700K	168	2	6	122	244	732

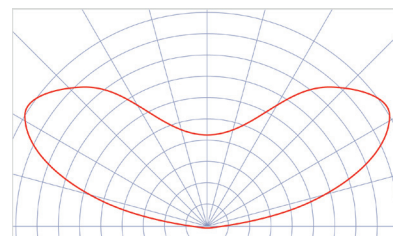
\* ± 10%

**PRODUCT RATINGS**

Luminous Efficacy	110.6 lm/W @ 6500K
Wattage per Module	1.32 W Nominal 1.39 W Maximum
Input Voltage	12 V DC
Input Current	0.110 A/ module
Power Supply Loading	44 modules per 60 W
Ingress Protection	IP68
Operating Temperature	-40° - +140° F (-40° - +60° C)
L70 Lifetime @ 60° C	50,000 Hours
Warranty	5 Year Limited Warranty

**LUMINOUS INTENSITY DISTRIBUTION**

G3 Beam Pattern



WHITE COLOR TEMPERATURE SCALE



CONSTANT CURRENT



UV RESISTANT



50,000 HRS L70 LIFETIME

**MODULE DIMENSIONS**

Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-PRO260-xxx-2G3B	3.34/84.8	0.80/20.3	0.47/12.0

REV: 29MAY2019  
Data sheet subject to change without notice.



**POWER SUPPLY LOADING**

**LED MODULE TO POWER SUPPLY WIRE SIZE**

Module Type	LS-PRO260-xxx-2G3B					Wire Size		Maximum Distance*	
	Power Supply (wired in Parallel Strings)	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters	Gauge (AWG)	Metric (mm <sup>2</sup> )	Feet	Meters
UL Class 2	12 W	8	8	4.0	1.3	26	0.13	3	0.9
	15 W	10	10	5.0	1.7	24	0.21	4	1.2
	35 W	24	24	12.0	4.0	22	0.33	7	2.1
	60W	44	44	22.0	7.3	20	0.52	11	3.4
	180W***	44	132	66	21.9	18	0.82	18	5.5
UL Class 1	100W	44	68	34.0	11.3	16	1.31	29	8.8
	150W	44	102	51.0	17.0	14	2.08	45	12.7
	180W	44	123	61.5	20.5	12	3.31	71	21.6
	220W	44	150	75.0	25.0	10	5.26	120	36.6

The number of modules in each of the parallel strings should not exceed the specified maximum.

\*\*\* 3 - 60 watt channels

**LAYOUT GUIDE\***

Channel Depth (in.)	Single Row		Multiple Rows		Channel Depth (mm)	Single Row		Multiple Rows	
	Max. Stroke	Module Spacing	Row Spacing	Module Spacing		Max. Stroke	Module Spacing	Row Spacing	Module Spacing
1.57**	3.5	3.33	2.375	3.33	40**	89	85	60	85
2	5	3.75	3.75	3.75	50	127	95	95	95
3	8	6	6	6	75	203	152	152	152
4	11	6.6	8.5	6.6	100	279	168	216	168
5	14	6.6	11	6.6	125	356	168	279	168
6	17	6.6	13.5	6.6	150	432	168	343	168
7	20	6.6	16	6.6	180	508	168	406	168
8	22	6.6	18.5	6.6	200	559	168	470	168

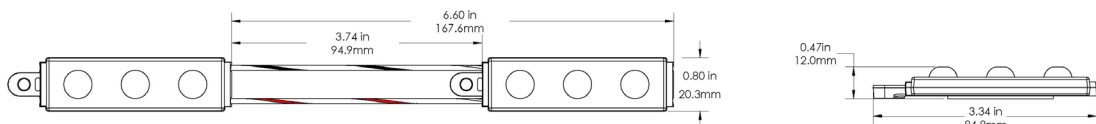
\*Module spacing is defined to achieve minimum 600 lux at sign face (7328 white)

\*\*Modules are staggered

**SHIPPING INFORMATION**

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

**DIMENSION DRAWING**



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.