



PRO SERIES – With VersaLens[®] 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.



12V DC



5 YEAR LIMITED WARRANTY



ONEWhite[®]
COLOR CONSISTENCY



VERSALENZ[®]
ADVANCED OPTICS



CAPZUL[®]
WATERPROOF



CONSTANT CURRENT



UV RESISTANT



50,000 HRS
L70 LIFETIME

Applications:

- Wide stroke channel letters
- Box signs from shallow to deep
- Cloud signs from small to large
- Cabinet signs
- Accent lighting

ORDERING GUIDE

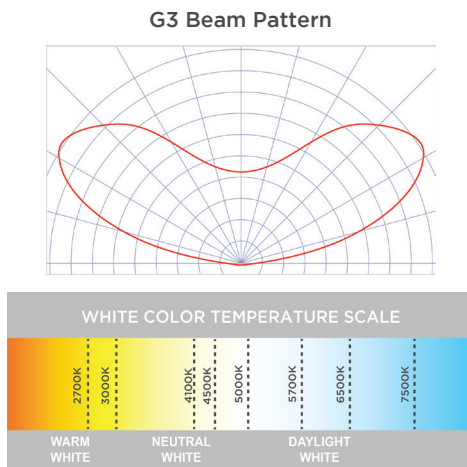
Part Number	White Color Temp.	Module Spacing (mm)	Number of Modules		Nominal Light Output (lm)*		
			Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-PRO260-ASW-1G3B	7500K	250	1.22	4	144	176	576
LS-PRO260-65K-1G3B	6500K	250	1.22	4	146	178	584
LS-PRO260-57K-1G3B	5700K	250	1.22	4	144	176	576
LS-PRO260-50K-1G3B	5000K	250	1.22	4	144	176	576
LS-PRO260-45K-1G3B	4500K	250	1.22	4	132	161	528
LS-PRO260-41K-1G3B	4100K	250	1.22	4	132	161	528
LS-PRO260-30K-1G3B	3000K	250	1.22	4	132	161	528
LS-PRO260-27K-1G3B	2700K	250	1.22	4	122	149	488

* ± 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



MODULE DIMENSIONS

Part Number	Length (in/mm)	Width (in/mm)	Height (in/mm)
LS-PRO260-xxx-1G3B	3.34/84.8	0.80/20.3	0.47/12.0

REV: 30MAY2019
Data sheet subject to change without notice.



POWER SUPPLY LOADING

LED MODULE TO POWER SUPPLY WIRE SIZE

Module Type	LS-PRO260-xxx-1G3B				
	Power Supply (wired in Parallel Strings)	Max. # of Modules Per String	Total # of Modules	Total # of Feet	Total # of Meters
UL CLASS 2	12 W	8	8	6.6	2.0
	15 W	10	10	8.2	2.5
	35 W	24	24	19.7	6.0
	60W	44	44	36.1	11.0
	180W***	44	132	168.3	33
UL CLASS 1	100W	44	68	55.7	17.0
	150W	44	102	83.6	25.5
	180W	44	123	108.3	30.8
	220W	44	150	123.0	37.5

Wire Size	Maximum Distance*		
	Gauge (AWG)	Metric (mm ²)	Feet
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

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	
	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	8	8.5	8
5	14	9.84	11	9.84
6	17	9.84	13.5	9.84
7	20	9.84	16	9.84
8	20	9.84	16	9.84

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	203	216	203
125	356	250	279	250
150	432	250	343	250
180	508	250	406	250
200	508	250	406	250

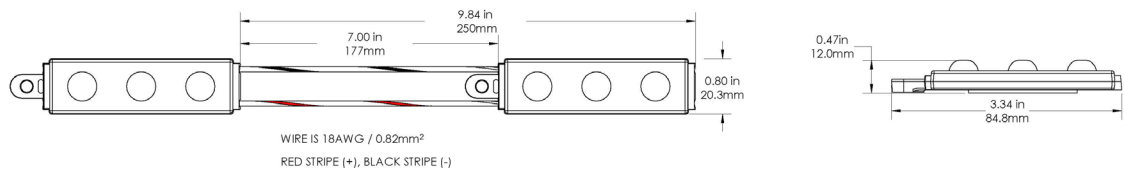
*Module spacing is defined to achieve minimum 600 lux at sign face (7328 white)
**Modules are staggered

SHIPPING INFORMATION

Module Type	Specs	Packaging Quantity		
		Per Bag	Per Box	Per Carton
LS-PRO260-xxx-1G3B	Modules	40	200	1000
	Feet	32.8	164.0	820.2
	Meters	10.0	50.0	250.0

Specs	Box Dimensions			Carton Dimensions		
	W	D	H	W	D	H
inch	18.9	10.4	3.7	20.7	19.3	11.4
mm	480	265	95	525	490	290

DIMENSION DRAWING



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.