



PRO SERIES –With its small foot print, the Pro Mini 3L1 is a great fit for your narrow deeper channel letters.

**Applications:**

- Narrow channel starting at 3" deep
- Cove lighting



**ORDERING GUIDE**

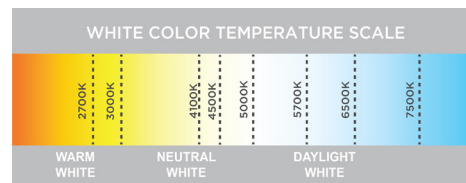
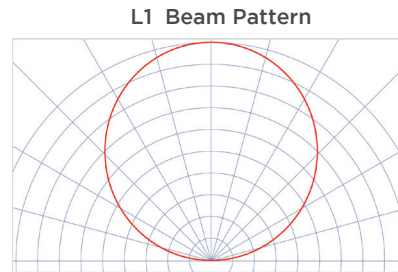
Part Number	White Color Temp.	Number of Modules		Nominal Light Output (lm)*		
		Per Foot	Per Meter	Per Module	Per Foot	Per Meter
LS-PROMIN-ASW-3L1	7500K	3	9.84	30	90	295
LS-PROMIN-65K-3L1	6500K	3	9.84	30	90	295
LS-PROMIN-57K-3L1	5700K	3	9.84	30	90	295
LS-PROMIN-50K-3L1	5000K	3	9.84	30	90	295
LS-PROMIN-45K-3L1	4500K	3	9.84	26	78	256
LS-PROMIN-41K-3L1	4100K	3	9.84	26	78	256
LS-PROMIN-30K-3L1	3000K	3	9.84	26	78	256
LS-PROMIN-27K-3L1	2700K	3	9.84	26	78	256

\* ± 10%

**PRODUCT RATINGS**

Luminous Efficacy	89 lm/W @ 6500K
Wattage per Module	0.34 W Nominal 0.36 W Maximum
Input Voltage	12 V DC
Input Current	0.028 A/ module
Power Supply Loading	162 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-PROMIN-xxx-3L1	1.10/28.0	0.50/11.5	0.30/7.8

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



**POWER SUPPLY LOADING**

Model	# of Modules		# of Feet		# of Meters	
	12W	60W	12W	60W	12W	60W
LS-PROMIN-xxx-3L1	12W	60W	12W	60W	12W	60W
Single String (Loop)	30	120	10	40	3	12.2
Two Strings (Parallel)	15/String	81/String	5/String	27/String	1.5/String	8.2/String

**LAYOUT GUIDE\***

Channel Depth (in. / mm)	Single Row		Multiple Rows	
	Max. Stroke (in.)	Max. Stroke (mm)	Max. Stroke (in.)	Max. Stroke (mm)
3 / 75	--	--	--	--
4 / 100	6	152	4	102
5 / 125	7	178	5	127
6 / 150	8	203	6	152
8 / 200	8	203	8	203

\* Modules are spaced with wires at full stretch, unless noted otherwise.  
7328 White Acrylic was used for testing the face light uniformity; other face materials may vary the module and row spacing.  
\*\*Please consult with sales associate.  
\*\*\*Module spacing is defined to achieve minimum 600 lux at sign face (7328 white).

**LED MODULE TO POWER SUPPLY WIRE SIZE**

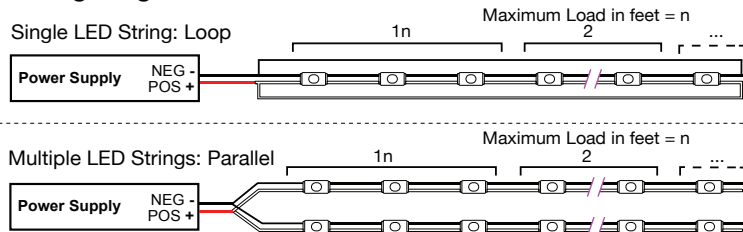
Wire Size		Maximum Distance*	
Gauge (AWG)	Metric (mm <sup>2</sup> )	Feet	Meters
26	0.13	3	0.9
24	0.21	4	1.2
22	0.33	7	2.1
20	0.52	11	3.4
18	0.82	18	5.5
16	1.31	29	8.8
14	2.08	45	13.7
12	3.31	71	21.6
10	5.26	120	36.6

**SHIPPING INFORMATION**

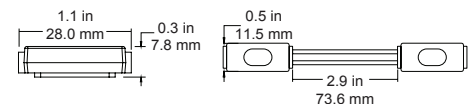
Module Type	Specs				Case Weight	Box Dimensions			Case Dimensions										
		Per Bag	Per Box	Per Case		W	D	H	W	D	H								
LS-PROMIN-xxx-3L1	Modules	60	300	1500	50 lbs 22.7 kg	9.6	18.3	3.5	19.7	18.7	10.6	inch							
	Feet	20	100	500									245	465	90	500	475	270	mm
	Meters	6.1	30.5	152.4															

**WIRING GUIDE & DIMENSION DRAWING**

**Wiring Diagram**



**LED Module Dimensions**



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.