



SIGNRAYZ[®] MINI



Modules shown in actual size

Features and Benefits

- Perfect for narrow and small channel letters.
- 120° beam angle
- 3 or 4 modules per foot
- Waterproof IP68 rating
- UL certified for use in wet, damp and dry locations
- Operating temperature range from -40°C to +60°C (-40°F to +140°F)
- Constant current driven LEDs
- No UV or IR emission
- Complies with FCC Title 47, Part 15, Subpart B for Class A digital devices
- 5-year limited warranty

Applications

- Narrow Channel Letters
- Cove Lighting
- Accent Lighting



Ordering Information

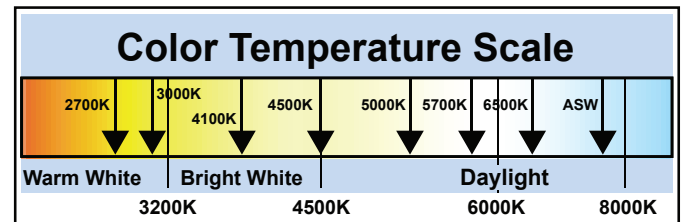
Ordering Code	LED Color/ CCT (K)	Number of Modules		Input Voltage (Volt)	Nominal Current (A/Module)	Max. Wattage per Module* (W)	Nominal Light Output (lm)*	
		per Foot	per Meter				per Foot	per Meter
LS-MINI-ASW-G1	AgiLight SignWhite	4	13.12	12	0.028	0.36	120	394
LS-MINI-65K-G1	White/6500K	4	13.12	12	0.028	0.36	120	394
LS-MINI-57K-G1	White/5700K	4	13.12	12	0.028	0.36	120	394
LS-MINI-50K-G1	White/5000K	4	13.12	12	0.028	0.36	120	394
LS-MINI-45K-G1	White/4500K	4	13.12	12	0.028	0.36	104	341
LS-MINI-41K-G1	White/4100K	4	13.12	12	0.028	0.36	104	341
LS-MINI-30K-G1	White/3000K	4	13.12	12	0.028	0.36	104	341
LS-MINI-27K-G1	White/2700K	4	13.12	12	0.028	0.36	104	341
LS-3MIN-ASW-G1	AgiLight SignWhite	3	9.84	12	0.028	0.36	90	295
LS-3MIN-65K-G1	White/6500K	3	9.84	12	0.028	0.36	90	295
LS-3MIN-57K-G1	White/5700K	3	9.84	12	0.028	0.36	90	295
LS-3MIN-50K-G1	White/5000K	3	9.84	12	0.028	0.36	90	295
LS-3MIN-45K-G1	White/4500K	3	9.84	12	0.028	0.36	78	256
LS-3MIN-41K-G1	White/4100K	3	9.84	12	0.028	0.36	78	256
LS-3MIN-30K-G1	White/3000K	3	9.84	12	0.028	0.36	78	256
LS-3MIN-27K-G1	White/2700K	3	9.84	12	0.028	0.36	78	256

*Nominal 0.336W

*±10%

Ordering Guide

LED Sign	Model	Color Temperature	Beam Angle
LS	-MINI	-65K	-G1
		6500K	G1: 120°



Shipping Information

Model	STANDARD							METRIC														
	SKU (ft)	Tray Quantity SKUs (ft)	Box Quantity SKUs (ft)	Case Quantity SKUs (ft)	Case Weight (lb)	Box Dimensions (in)			Case Dimensions (in)			SKU (m)	Tray Quantity SKUs (m)	Box Quantity SKUs (m)	Case Quantity SKUs (m)	Case Weight (kg)	Box Dimensions (mm)			Case Dimensions (mm)		
						W	D	H	W	D	H						W	D	H	W	D	H
LS-MINI-XXX-G1	1	25	100	500	32	20.3	17.3	2.8	20.7	17.8	14.4	0.3	7.6	30.5	152.4	14.5	515.6	439.4	71.1	525.8	452.1	365.8
LS-3MIN-XXX-G1	1	25	100	500	32	20.3	17.3	2.8	20.7	17.8	14.4	0.3	7.6	30.5	152.4	14.5	515.6	439.4	71.1	525.8	452.1	365.8

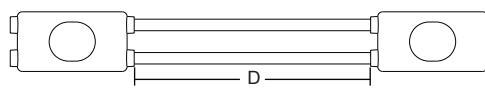
Module Size

Model	STANDARD (in)			METRIC (mm)		
	Length	Width	Height	Length	Width	Height
LS-MINI-XXX-GX	1.03	0.50	0.28	26.16	12.70	7.11
LS-3MIN-XXX-GX	1.03	0.50	0.28	26.16	12.70	7.11



Module Spacing

Model	Distance Between Modules	
	STANDARD (in)	METRIC (mm)
LS-MINI-XXX-GX	1.97	50.04
LS-3MIN-XXX-GX	2.97	75.44



Power Supply Load Chart

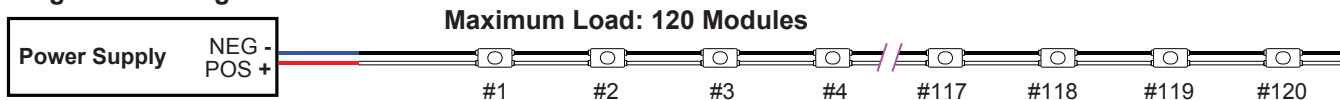
Model	STANDARD (ft)		METRIC (m)	
LS-MINI-XXX-GX	12W	60W	12W	60W
Single String	8	30	2.4	9.1
Multiple Strings	8	40	2.4	12.2
LS-3MIN-XXX-GX	12W	60W	12W	60W
Single String	11	40	3.4	12.2
Multiple Strings	11	55	3.4	16.8

Wire Gauge Chart

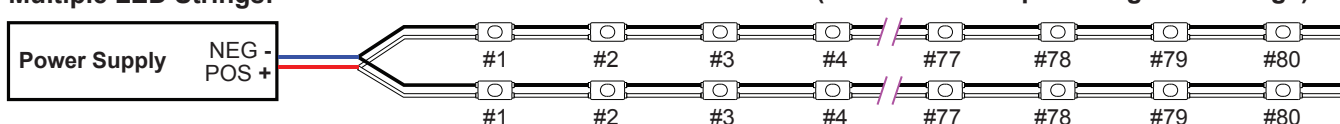
Wire Gauge (AWG)	MAXIMUM DISTANCE*	
	STANDARD (ft)	METRIC (m)
18	18	5.49
16	29	8.84
14	45	13.72
12	71	21.64
10	120	36.58

*Distance from power supply to load (at full capacity)

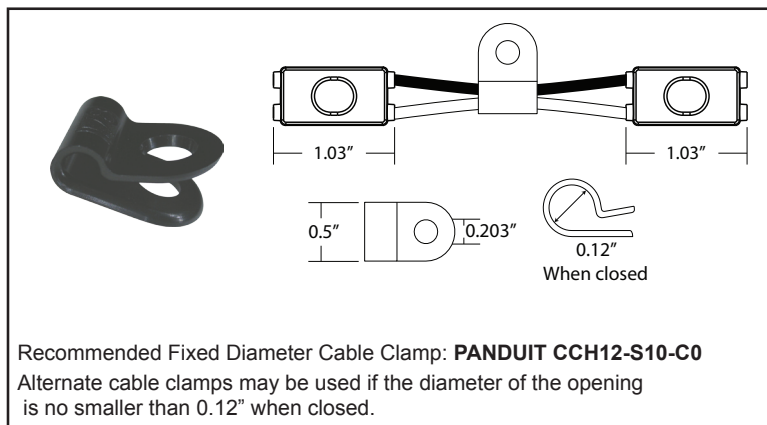
Single LED String:



Multiple LED Strings:



Mounting Clip



Population Density Guide

G1-120° Beam Angle - MINI	STANDARD (in)				
Channel Depth:	3	4	5	6	8
Max. Stroke	4	6	7	8	10
Multiple Row Spacing	3	4	5	6	8

G1-120° Beam Angle - 3MIN	STANDARD (in)				
Channel Depth:	3	4	5	6	8
Max. Stroke	*	6	7	8	8
Multiple Row Spacing	*	4	5	6	8

* Please contact a sales associate

G1-120° Beam Angle - MINI	METRIC (mm)				
Channel Depth:	80	100	125	150	200
Max. Stroke	102	152	178	203	254
Multiple Row Spacing	76	102	127	152	203

G1-120° Beam Angle - 3MIN	METRIC (mm)				
Channel Depth:	80	100	125	150	200
Max. Stroke	*	152	178	203	203
Multiple Row Spacing	*	102	127	152	203

* Please contact a sales associate

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CAUTIONS

- These products are only suitable for connection to a Class 2 power source rated 12 Volt DC or less.
- These products are intended for use only when connected to a power source that complies with Class 2 voltage and energy limited circuit.
- When these units are connected to a Class 2 circuit, they are not to draw a total wattage of greater than the secondary or output rating of the Class 2 supply.
- These products are suitable for use in dry, damp and wet locations. Not suitable for submersed applications.
- These products may be secured in place in the end product by any means available.