



SLOANLED PRISM

Product description:

SloanLED Prism is the complete solution for channel letter and sign box illumination. The combination of optical physics and decades of sign industry knowledge, these lens-based modules are clearly on the spectrum of brilliance.

Product data:

Manufacturer -	SloanLED
Product name -	SloanLED Prism
Dimensions L x W x H - Whites -	70 mm x 19 mm x 11 mm (2.75 in x 0.75 in x 0.44 in)
Colours -	70 mm x 19 mm x 13 mm (2.75 in x 0.75 in x 0.50 in)
LEDs per module	3

Key features:

- Available in white (7100k, 6500k, 5700k, 5000k, 4000 & 3000k), red, orange, yellow, green & blue
- Brightest in its class
- Versatile mounting options
- Optimal for applications 75-200mm (3-8") deep
- Innovative peel-n-stick, perforated, one-piece release tape liner reduces installation time by up to 30%
- Ideal lense shape for channel letters

Protection class -	IP66 & IP68*
Binning -	MacAdam Ellipse 3-step
Life rating -	> 60,000 hours
Fastening -	Peel-n-stick and mechanical
Warranty -	10 years product & labour
Operating temperature -	-40° C to +70° C

* Prism IP68 test parameters are 1.3 m submersion for 30 minutes. Do not mount in submerged application or where module will be directly exposed to prolonged flowing or dripping water.

Whites:

Model	Modules per meter/foot	Color temperature	Part number	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Power capacity per SloanLED 60 W 12 VDC power supply	Packaging of 5 trays per carton
SloanLED Prism	3.3/m (1/ft)	6500 K	701269-6WSJ2-MB	75-200 mm (3-8")	1.12 W	124	111 lm/W	48 modules (14.6 m / 48.0 ft)	14.6 m / 48.0 ft (48 modules) per tray
	4.9/m (1.5/ft)	7100 K	701269-7WSJ1-MB					48 modules (9.8 m / 32.0 ft)	9.8 m / 32.0 ft (48 modules) per tray
		6500 K	701269-6WSJ1-MB						
		5700 K	701269-5WSJ1-MB						
		5000 K	701269-4WSJ1-MB						
		4000 K	701269-3WSJ1-MB						
	3000 K	701269-3WSJ1-MB							
6.6/m (2/ft)	6500 K	701269-6WSJ3-MB	48 modules (7.3 m / 24.0 ft)	7.3 m / 24.0 ft (48 modules) per tray					



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Colours:

Part number	Color	Nominal wavelength	Modules per meter/foot	Optimal can depth	Power per module	Lumens per module (nominal)	Efficacy	Power capacity per SloanLED 60 W 12 VDC power supply	Packaging of 5 trays per carton
701269-RDSJ3-MB	Red	628	6.6/m (2/ft)	75-200 mm (3-8")	0.72 W	24	33.5 lm/W	75 modules (11.4 m / 37.5 ft)	7.3 m / 24 ft (48 modules) per tray
701269-RDSJ1-MB									
701269-ORSJ1-MB	Orange	606	4.9/m (1.5/ft)						
701269-YLSJ1-MB	Yellow	589							
701269-GRSJ1-MB	Green	527							
701269-BLSJ1-MB	Blue	471							

Power Supply Capacity:

12 VDC Power supply*	SloanLED Prism 6500 K	SloanLED Prism, 7100 K, 6500 K, 5700 K, 5000 K, 4000 K, 3000 K	Red, Orange, Yellow, Green, Blue	Red
Modules per meter/foot	3.3 / 1	4.9 / 1.5	4.9 / 1.5	6.6 / 2
20 W Power supply	4.9 m (16 ft) / 16 mods	3.3 m (10 ft) / 16 mods	5.1 m (16.7 ft) / 25 mods	3.8 m (12.5 ft) / 25 mods
25 W Power supply	6.1 m (20 ft) / 20 mods	4 m (13.3 ft) / 20 mods	6.3 m (20.7 ft) / 31 mods	4.7 m (15.5 ft) / 31 mods
30 W Power supply (EU/ROW ONLY)	7.3 m (24 ft) / 24 mods	4.9 m (16.0 ft) / 24 mods	7.7 m (25.3 ft) / 38 mods	5.8 m (19.0 ft) / 38 mods
60 W Power supply	14.6 m (48 ft) / 48 mods	9.8 m (32 ft) / 48 mods	15.2 m (50 ft) / 75 mods	11.4 m (37.5 ft) / 75 mods
2 x 60 W Power supply	2 x 14.6 m (48 ft) / 48 mods	2 x 9.8 m (32 ft) / 48 mods	2 x 15.2 m (50 ft) / 75 mods	2 x 11.4 m (37.5 ft) / 75 mods
2 x 75 W Power supply (EU/ROW ONLY)	2 x 18.3 m (60.0 ft) / 60 mods	2 x 12.2 m (40.0 ft) / 60 mods	2 x 19.1 m (62.7 ft) / 94 mods	2 x 14.3 m (47.0 ft) / 94 mods
Watts per module	1.12	1.12	0.72	0.72

Density Guidelines:

Size	Module color	Can Depth	Modules per meter	Millimeters on center standard face	Millimeters on center dark vinyl	Millimeters on center perforated vinyl	Watts per module	Modules per M ² standard face	Modules per M ² dark vinyl
SloanLED Prism	White - 7100 K, 6500 K (4.9/m), 5700 K, 5000 K, 4000 K, 3000 K	75 mm	4.9	175	150	125	1.12	28.0	32.7
		100 mm		250	225	200		19.6	21.8
		125 mm		325	300	275		15.1	16.3
	White - 6500 K (3.3/m)	75 mm	3.3	175	150	125	1.12	28.0	32.7
		100 mm		250	225	200		13.2	14.7
		125 mm		325	300	275		10.2	11.0
	Red	75 mm	4.9	225	175	150	0.72	24.5	28.0
		100 mm		300	225	200		19.6	21.8
		125 mm		350	275	250		16.3	17.8
	Orange	75 mm	4.9	225	200	175	0.72	21.8	24.5
		100 mm		300	275	250		16.3	17.8
		125 mm		350	325	300		14.0	15.1
	Yellow	75 mm	4.9	200	175	150	0.72	24.5	28.0
		100 mm		300	275	250		16.3	17.8
		125 mm		350	325	300		14.0	15.1
	Green	75 mm	6.5	175	150	125	0.72	37.1	43.3
		100 mm	4.9	225	200	175		21.8	24.5
		125 mm		275	250	225		17.8	19.6
	Blue	75 mm	6.5	175	150	125	0.72	37.1	43.3
		100 mm	4.9	250	225	200		19.6	21.8
		125 mm		300	275	250		16.3	17.8

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