

SloanLED Spectrum RGBW Module

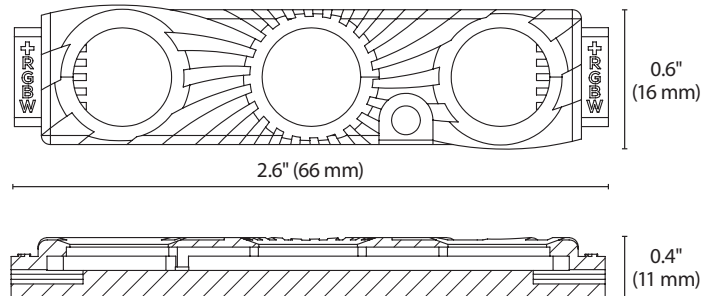
RGBW LED channel letter lighting solution

Specifications

Part number	701269-RGBW3M1-MB
Dimensions L x W x H	2.6" x 0.6" x 0.4" (66 mm x 16 mm x 11 mm)
LEDs per module	3
Modules per ft/m	1.5 / 4.9
Optimal can depth	4-8" (102-200 mm)
Operating temperature	-40° C to +60° C
Protection class	IP65
Max. power per module	0.92 W
Color temperature (CCT)	White (6500 K)
Nominal wavelength	Red..... 622 nm Green..... 526 nm Blue..... 469 nm
Efficacy	Red..... 43 lm/W Green..... 113 lm/W Blue..... 26 lm/W White..... 113 lm/W RGBW All (White) 73 lm/W
Fastening	Peel-n-stick and mechanical
Packaging	40.0 ft / 12.2 m (60 modules) per bag, 5 bags per carton
Lumens per channel	Red..... 10 Green..... 26 Blue..... 6 White..... 26 RGBW (Total)..... 68



Dimensions



Power Supply Capacity

	Maximum feet (meters) / modules
12 VDC Power supply*	RGBW (1.5/ft, 4.9/m)
20 W Power supply	12.6 ft (3.9 m) / 19 mods
60 W Power supply	40.0 ft (12.2 m) / 60 mods
2 x 60 W Power supply	2 x 40.0 ft (12.2 m) / 60 mods

* Configured for Class 2 Output.



Density Guidelines

Can Depth	Modules per foot	Max. stroke coverage per row		Inches on center dark vinyl	Inches on center perforated vinyl
		Single row	Multiple rows		
4"	1.8	9"	6" on center	Testing Required	Testing Required
5"		12"	8" on center		
6"					

Notes:

- It is recommended that you first test LED density in sample letter/cabinet to evaluate brightness, uniformity and color
- Should you have questions or require assistance in testing, please contact your SloanLED customer service representative
- For multiple rows, start 3" (76 mm) from return
- Products can be used in can depths deeper or shallower than listed above, but testing is recommended
- Acrylic material used for all testing was 0.1875" (5 mm) thickness sign grade 7328 acrylic for White LEDs

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