

12  
VDC

10|5  
YEAR  
WARRANTY

# We Brighten Your Brands



## SloanLED Spectrum RGBW Module

RGBW LED channel letter  
lighting solution

# Total

# FREEDOM

to create, design, and inspire.

The most  
**powerful** RGBW LED  
lighting solution  
across the spectrum.



SloanLED proudly offers the brightest and most efficient option in its class with **SloanLED Spectrum RGBW Modules**. Using RGBW technology, Spectrum RGBW Modules deliver the power and reliability you've come to expect from SloanLED while achieving the widest color gamut and the brightest whites not possible with basic RGB modules offered by most competitors.

- RGBW technology for bright, white illumination and the widest gamut of colors
- Ideal for channel letters 102-200 mm (4-8") deep
- Excellent thermal management for greater safety and reliability
- Compatible with all four-channel PWM wired, wireless, and DMX control systems for total control and unique lighting effects
- Industry-leading 10-year product, 5-year labor warranty
- Covered by a licensing agreement which protects both the installer and end-user from Signify (Philips Lighting) royalty fees associated with patented RGB technology, so you can have confidence for the road ahead, knowing your investment in signage is well-protected



## What is RGBW?

RGBW LED modules contain red, green, blue, and white LED chips which can be used at different brightness levels to create a full spectrum of color for creative lighting effects.



For more information on our Channel Letter collection of products, visit [SloanLED.com](http://SloanLED.com).



# There's no substitute for quality.

Low-priced LED sign lighting products use low-power LEDs driven at maximum power. Maximizing the potential brightness of their products at the expense of longevity; overdriving the LEDs for instant gratification while sacrificing sustainability and endurance.

In the long term, the reliability and efficacy of these products suffer as more of the electrical energy is turned into heat rather than light. SloanLED employs only the highest caliber components in order to offer a superior product with the longest lifespan.

## Confidence down the line.

While many LED manufacturers use third-party, short-term ingress protection tests to produce an IP rating for their products, our lighting solutions are designed and tested to resist water ingress throughout the life of the product. Rather than simply publishing IP ratings for our products, SloanLED goes one step further with in-house rain and salt fog tests (based on a US military standard) to ensure parts perform well, both short and long term.

## Brightening the bottom line.

SloanLED has been a key manufacturer and supplier to the sign industry for over 20 years. Our high-efficiency, long lasting solutions don't just light your signs; they represent significant energy cost reductions, maintenance cost savings, easy installation, and faster ROI.

*Compatible with all four-channel PWM wired, wireless, and DMX control systems for total control and unique lighting effects*



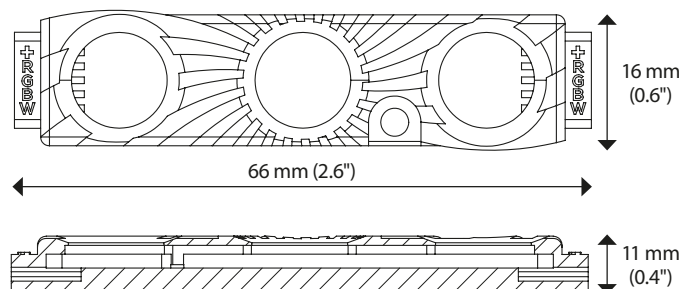
# SloanLED Spectrum RGBW Module



## Specifications

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

## Dimensions



## Power Supply Capacity

12 VDC Power supply*	Maximum meters (feet) / modules
	RGBW (4.9/m, 1.5/ft)
20 W Power supply	3.9 m (12.6 ft) / 19 mods
25 W Power supply (EU/ROW ONLY)	4.9 m (16.0 ft) / 24 mods
30 W Power supply (EU/ROW ONLY)	5.9 m (19.3 ft) / 29 mods
60 W Power supply	12.2 m (40.0 ft) / 60 mods
2 x 60 W Power supply	2 x 12.2 m (40.0 ft) / 60 mods
2 x 75 W Power supply (EU/ROW ONLY)	2 x 14.8 m (48.7 ft) / 73 mods

\* Configured for Class 2 Output.

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Specifications subject to  
change without notice.

