



Sign Lighting World, Inc.
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PH: 720-242-9000
Sales@SignLightingWorld.com

Product Specifications



S-3072-RGB



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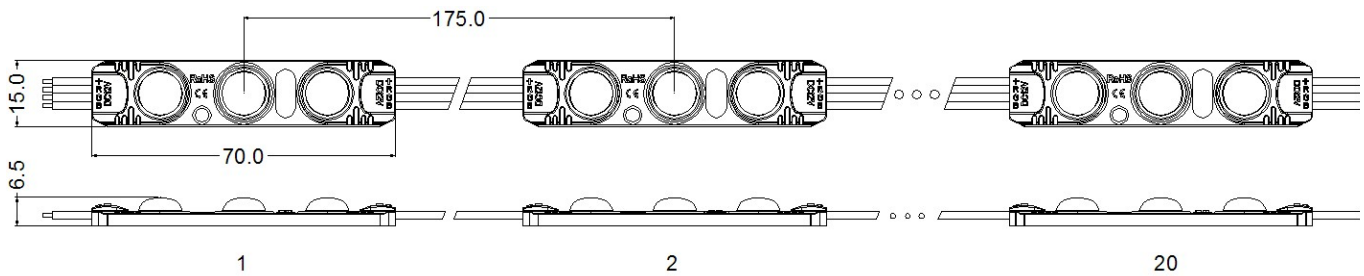
1. Features:

- ◇ Injection molded, IP67 Waterproof
- ◇ Aluminum plate for optimal heat dissipation
- ◇ Energy saving, Environment friendly
- ◇ Long life span

2. Applications:

- ◇ Commercial sign lighting
- ◇ Decorative lighting
- ◇ Logo lighting
- ◇ Accent Lighting
- ◇ Club lighting

3. Dimensions:



4. Environmental and Application Conditions:

Ambient temperature range	-25...+55°C
Storage temperature range	-40...+65°C
IP rating	IP67



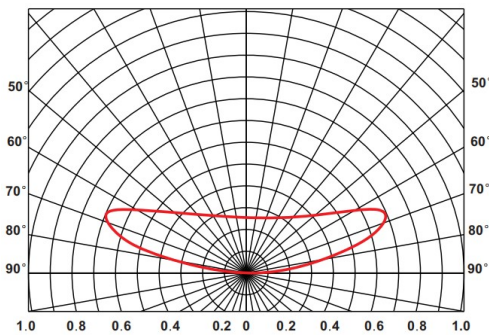
5. Electrical Parameters:

LED	5050 RGB
Supply voltage (rated)	12V DC
Supply Current (per module,rated)	Max 60 mA @ DC12V
Power (per module, rated)	Max 0.72 W @ DC12V

6. Optical Parameters:

Part No.	Color Range			Flux Range		Beam angle	
	Min. CCT or wavelength	Typ. CCT or wavelength	Max. CCT or wavelength	Min. Lumen	Typ. Lumen		
S-3072-RGB	R	620 nm	625 nm	630 nm	5	8	160°
	G	510 nm	515 nm	520 nm	10	15	
	B	460 nm	465 nm	470 nm	3	3.5	

7. Light Distribution Graph:



8. Notes:

- Maximum string length 20pcs.
- Depending on the type of materials used for channel letters or cabinets, the parameters may vary. More brightness may be obtained by reducing the distance between LED modules.
- Use caution if using screws to attach modules as modules may be damaged if stressed
- Ensure that the power supply used is of adequate power output to operate the full load of LED modules. Only qualified personnel should be allowed to perform installations.
- The design of the housing should be in accordance with the IP standards of the application.
- If power supply does not have surge protection built in, lightning/surge protection should be added.