

Series Waterproof LED Light Module



IP67

IP-SF series waterproof LED light modules are an energy efficient, reliable and low cost lighting solution for outdoor illumination and applications where moisture and low/high ambient temperature is an issue.

Standard Features

- Three RAIKOH Super-Flux LEDs from Nichia per module with wide beam angle (100° in White and Warm White, 110° in Amber and 90° in all other colors)
- High luminous flux per module¹ (13-20 lm White, 5-7 lm Blue, 12-20 lm Green, 8-14 lm Amber and 9-10 lm Red)
- Very long life (50% of initial lumens at 60,000 hours)¹
- IP67 waterproof protection (sealed by epoxy resin)
- Extreme ambient temperature range: -40°C to +80°C (-40°F to +175°F)
- 30 pre-wired modules with 65mm (2.5") long jumper wires eliminate joints, save installation time and provide the ability to build curved illuminated lines
- Safe low voltage operation (12VDC)
- Very low power consumption (0.5W per White, Warm White, Blue, Green and Amber modules and 0.4W per Red modules)
- LED colors available in Red, Amber, Green, Blue and 5 color temperatures of white
- Vibration proof
- Pre-applied VHB tape for quick installation
- Two mounting flanges with pre-drilled holes for secure installation

Applications

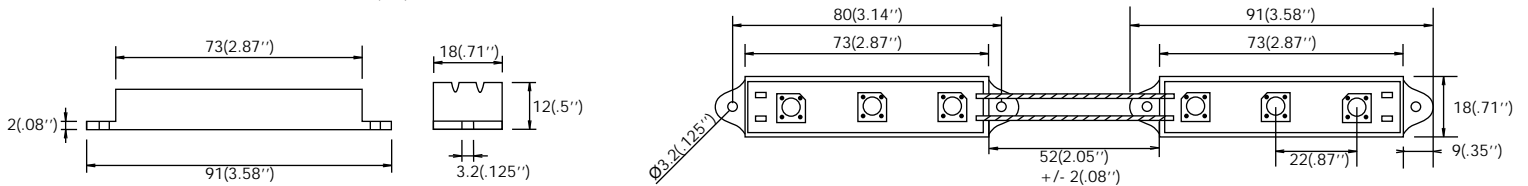
Light source for:

- Channel letters
- Curved outdoor applications
- Architectural facade lighting
- Bridges

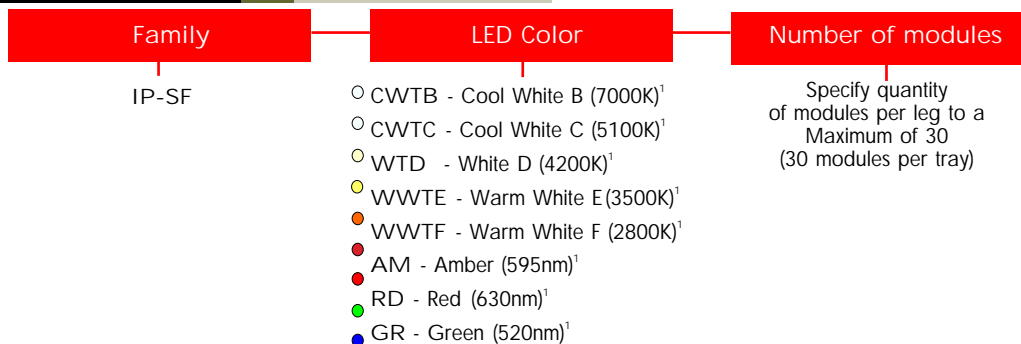


Mechanical Drawing

All sizes shown in mm(In)



Specification Logic



Notes: See Page 82

Last Up Dated (2007-12-03)



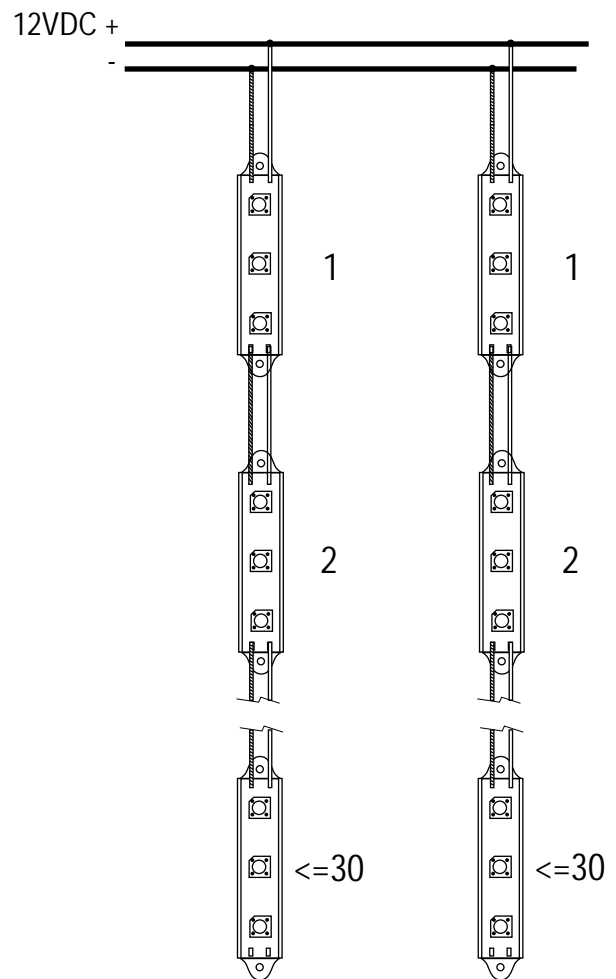
Standard Spacing Lengths

- 3 Modules = 343mm(13.5')
- 4 Modules = 470mm(18.5')
- 5 Modules = 590mm(23.25')
- 30 Modules = 3429mm(135')

Up to 30 modules in series (or Leg)
 Power consumption of 30 Modules
 is 15Watts

Contractor is responsible for their
 Voltage Drop Calculations to ensure
 that the IPSF modules are receiving
 the required 12Vdc for proper
 illumination

Wiring Diagram



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