

LED Transit Colorlight Signal Modules

5.5 inch (140 mm) - 120V AC
-70 Series

Project Name _____

Date _____ Type _____

Notes _____



TR3 Transit

OUTSTANDING RELIABILITY

- Self-contained design provides protection against moisture and dust
- Backed by a 48 month limited warranty
- Over 210,000 wayside signals sold worldwide

EXCELLENT APPEARANCE & VISIBILITY

- Robust LED system design enables high luminous intensity over long product life
- Easy to install and align
- Customizable front lens using Lens Kits¹

MEETS RIGOROUS CERTIFICATION & TESTING STANDARDS

- Meets AREMA standards
- All lamps undergo comprehensive testing in the manufacturing plant

TR3 LED Transit Colorlight Signal Modules

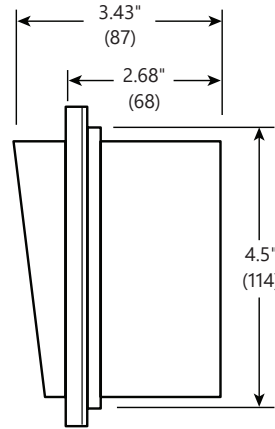
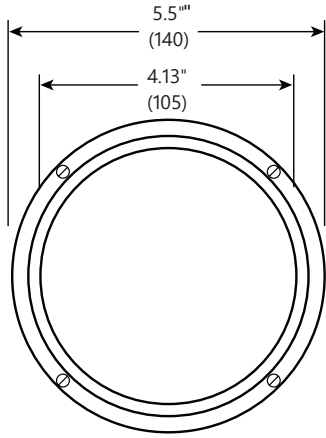
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Mechanical Outline Dimensions in inches (mm)



Design Compliance

Characteristic	Compliance
Mechanical Vibration & Shock	AREMA 11.5.1.D.4/D.5. Class B
Water/Dust Ingress Protection (in typical Rail Housing)	EN 60529 IP55 (EN 60529 IP65)
Dielectric Strength	AREMA 11.5.1.D4
Electrical Surge Protection	EN61000-4-5, Class 3
Electromagnetic Compatibility (EMC)	EN55011 FCC Part 15, Subpart B

Operating Specifications

Parameter	Rating
Operating Temperature Range	-40 to 70°C (-40 to 158°F)
Nominal Operating Voltage	120V AC
Operating Voltage Range	85 - 135V AC
Voltage Turn-Off	45V AC (50/60 Hz)
Turn-On/Turn-Off Time	< 200 ms

Product Information

Model Number	Aspect Color	Nominal Watts	Number of LEDs
Mid-Range			
● TR3-RSFB301A-70	Red	4.0	36
● TR3-YSFB301A-70	Yellow	3.4	36
● TR3-GSFB301A-70	Green	3.6	36
○ TR3-WCFB301A-70	White	4.0	36
Long Range			
● TR3-RCFB501A-70	Red	6.0	88
● TR3-YCFB501A-70	Yellow	7.0	88
● TR3-GCFB501A-70	Green	7.9	88
● TR3-BCFB501A-70	Blue	TBD	TBD
○ TR3-WCFB501A-70	White	7.4	88

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