

LED Transit Colorlight Signal Modules

5.5 inch (140 mm) - 120V AC

70 Series



Project Name _____

Date _____ Type _____

Notes _____



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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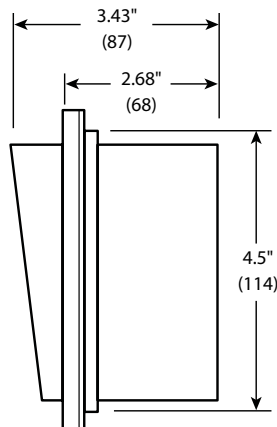
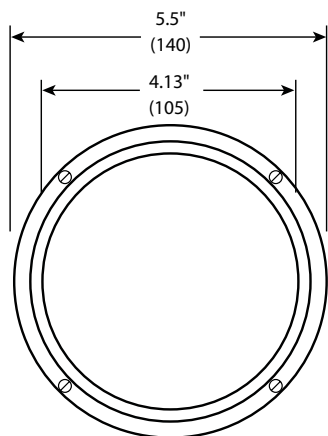
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Mechanical Outline

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	LED Count	Nominal Watts
Mid-Range - Visibility to 1650 ft (500 m)			
● TR3-RSFB301A-70	Red	36	4.0
● TR3-YSFB301A-70	Yellow	36	3.4
● TR3-GSFB301A-70	Green	36	3.6
○ TR3-WCFB301A-70	White	36	4.0
Model Number	Aspect Color	LED Count	Nominal Watts
Long-Range - Visibility to 3300 ft (1000 m)			
● TR3-RCFB501A-70	Red	88	6.0
● TR3-YCFB501A-70	Yellow	88	7.0
● TR3-GCFB501A-70	Green	88	7.9
● TR3-BCFB501A-70	Blue	TBD	TBD
○ TR3-WCFB501A-70	White	88	7.4

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