

LED Transit Colorlight Signal Modules

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

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 Transit



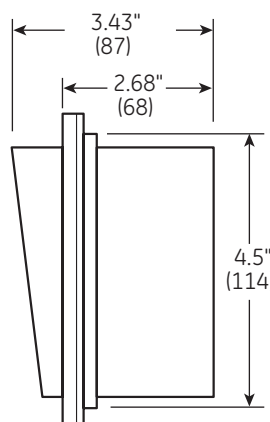
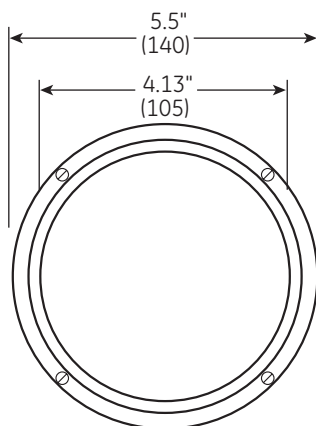
imagination at work

TR3 LED Transit Colorlight Signal Modules

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

Mechanical Outline

Dimensions in inches. (mm) indicates metric equivalent



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	EN50121-4
Electrical Surge Protection	EN61000-4-5, Class 3, AREMA 11.3.3
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	< 165 ms

Product Information

Model Number	Aspect Color	Nominal Watts	Number of LEDs
Mid-Range			
● TR3-RSFB301A-70	Red	4	36
○ TR3-WCFB301A-70	White	4	36
● TR3-GCFB301A-70 ²	Green	TBD	TBD
● TR3-YCFB301A-70 ²	Yellow	TBD	TBD
Long Range			
● TR3-RCFB501A-70	Red	6	88
● TR3-YCFB501A-70	Yellow	7	88
● TR3-GCFB501A-70 ²	Green	TBD	TBD
● TR3-BCFB501A-70 ²	Blue	TBD	TBD
○ TR3-WCFB501A-70 ²	White	TBD	TBD

Notes:

¹ Sold separately. Refer to datasheet RAIL144.

² Please contact your sales representative for date of availability

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