

GTx™ City (CALTRANS) LED Signal Modules

8 and 12 inch
Incandescent look (120V)



Robust Features

- Optimal thermal management for longer life.
- Provides performance under extreme field temperature conditions.

Innovative Design

- Low profile module permits efficient installation into existing traffic housings.
- Power consumption levels allow compatibility with most controllers.
- Mask compatible to fit your unique signaling needs.*

Outstanding Performance

- High-brightness central light source and custom optical lensing distribute light uniformly and efficiently.
- Rigorously tested for long life design and low maintenance costs.
- Excellent color uniformity.

Meets Rigorous Certification & Testing Standards

- CEC Listed
- Listed on CALTRANS QPL.

* Sold separately. Refer to masks datasheet TRAF208.



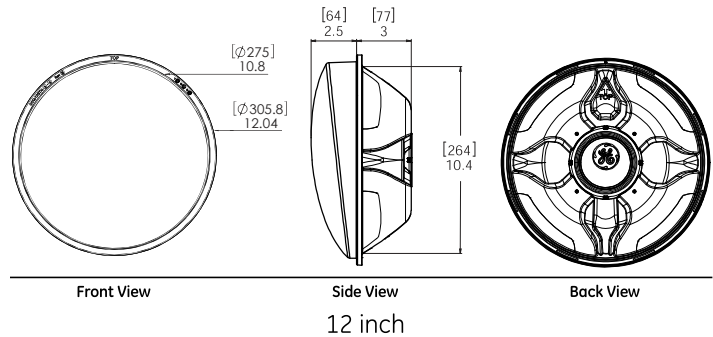
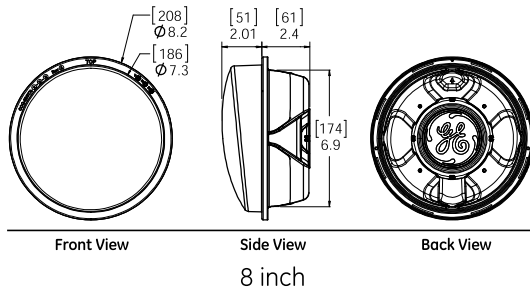
The Greatest Signals Stand the Test of Time.™

GTx™ City (CALTRANS) LED Signal Modules

- 8 and 12 inch

Mechanical Outline

Dimensions in inches [mm]



Design Compliance

Test type	Compliance
Moisture Resistance	Blown Wind Rain MIL-STD-810F method 506.4
Mechanical Vibration	MIL-STD-883 Method 2007
Electronic Noise	FCC Title 47 Sub. B Sec 15 ¹
Transient Voltage Protection	Sec. 2.1.6 NEMA TS2-2003, 300V, 2500W Sec. 2.1.6 NEMA TS2-2003, 600V, 10μF Sec. 2.1.8 NEMA TS2-2003, 1kV, 2Ω
Wiring	NFPA 70, National Electric Code
Transient Suppression	Sec. 8.2 IEC 61000-4-5 & Sec. 6.1.2 ANSI/IEEE C62.41.2 - 2002, 3kV, 2 Ω Sec. 8.0 IEC 61000-4-12 & Sec. 6.1.1 ANSI/IEEE C62.41.2 - 2002, 6kV, 30 Ω

Operating Specifications

Parameter	Rating
Operating Temperature Range	-40 to +74°C (-40 to +165°F)
Operating Voltage Range	80 to 135 V (60Hz AC)
Power Factor (PF)	> 90%
Total Harmonic Distortion (THD)	< 20%
Minimum Voltage Turn-Off (VTO)	35 V
Turn-On / Turn-Off Time	< 90 ms
Lens & Shell Material	UV Stabilized Polycarbonate
Wiring	40in, 20 AWG, Color Coded with Strain Relief

Product Information

Model Number	Front Shell	Size (in)	AC Voltage Nominal	Power (W) Nominal	Wavelength (nm) nominal	Maintained Intensity (Cd) Minimum ²
DR4-RTFB-VLA-032	Tinted	8	120V - 60Hz	6.7	625	157
DR4-RCFB-VLA-032	Clear	8	120V - 60Hz	10.8	588	314
DR4-YZFB-VLA-032	Tinted	8	120V - 60Hz	7.9	589	314
DR4-YTFB-VLA-032	Tinted	8	120V - 60Hz	7.3	501	314
DR4-YCFB-VLA-032	Clear	8	120V - 60Hz	7.3	501	314
DR4-GTFB-VLA-032	Tinted	8	120V - 60Hz	7.3	501	314
DR4-GCFB-VLA-032	Clear	8	120V - 60Hz	7.3	501	314
DR6-RTFB-VLA-032	Tinted	12	120V - 60Hz	6.7	625	399
DR6-RCFB-VLA-032	Clear	12	120V - 60Hz	10.9	588	798
DR6-YZFB-VLA-032	Tinted	12	120V - 60Hz	9.9	589	798
DR6-YTFB-VLA-032	Tinted	12	120V - 60Hz	11	501	798
DR6-YCFB-VLA-032	Clear	12	120V - 60Hz	11	501	798
DR6-GTFB-VLA-032	Tinted	12	120V - 60Hz	11	501	798
DR6-GCFB-VLA-032	Clear	12	120V - 60Hz	11	501	798

Standard product equipped with universal connectors (insulated spade-quick disconnect).

All colors available in tinted or clear lens.

¹ Class A

² Measured at vertical angle of 2.5° and at horizontal angle of ±2.5°

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