

## GT<sup>x</sup><sup>TM</sup> LED Signal Modules

8 and 12 inch  
Incandescent look (120V)

GE's 14<sup>th</sup> generation of LED signal,  
leveraging 15 years of experience  
& over 6,000,000 units sold worldwide



### Outstanding Performance

- Consumes up to 15% less power than GE's previous signal generation.
- Intelligent controller measures usage and temperature.  
Will automatically adjust to compensate for light output degradation over time.\*
- Over-molded electrical connectors prevent water wicking through wires.

### Maximum Flexibility

- New micro-controlled power supply is packed with advanced functionality that can be unlocked and customized to fit your specific needs.
- Low profile module permits efficient installation into existing traffic housings.
- Power consumption levels allow compatibility with most controllers.
- Offers multiple dimming configurations for ultimate customization.\*\*
- Mask compatible to fit your unique signaling needs.\*\*\*

### Meets Rigorous Certification & Testing Standards

- Intertek ETL Verified compliant.
- Compliant with ITE VTC SH LED Circular Signal Supplement dated June 27<sup>th</sup> 2005.
- CSA approved.

\* Compensation levels vary depending on color.

\*\* Customer controller and load switch compatibility testing may be required.

Please contact your GE representative for details.

\*\*\* Sold separately. Refer to masks datasheet TRAF208.

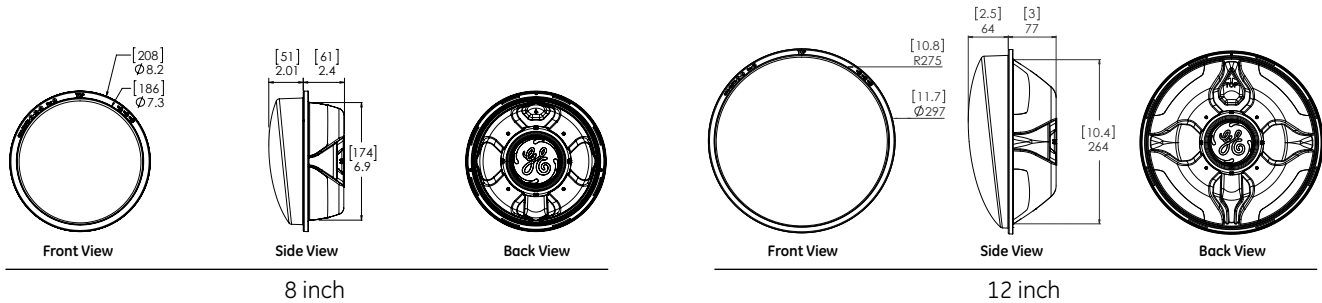


The Greatest Signals Stand the Test of Time.™

# GT<sup>x</sup>™ LED Signal Modules

- 8 and 12 inch

## Mechanical Outline Dimensions in inches [mm]



## Design Compliance

Test type	Compliance
Luminous Intensity	ITE VTCSH-LED Circular Signal Supplement -June 2005
Chromaticity	ITE VTCSH-LED Circular -June 2005
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 <sup>1</sup>
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
Controller Compatibility	ITE VTCSH-LED Circular Signal Supplement -June 2005
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	< 50 ms
Lens & Shell Material	UV Stabilized Polycarbonate
Wiring	40 in, 18 AWG, Color Coded with Strain Relief
Dimming Option <sup>2</sup>	As per Section 5.8 of ITE VTCSH - LED Circular Signal Supplement -June 2005

\* Operating Temperature Range per ITE 2005, Section 3.3.2

Distributed by:

## Product Information

Model Number	Front Shell	Size (in)	Nominal AC Voltage	Nominal Power <sup>3</sup> (W)	Nominal Wavelength (nm)	Minimum Maintained Intensity <sup>4</sup> (Cd)
DR4-RTFB-77A	Tinted	8	120V – 60Hz	7	626	165
DR4-RCFB-77A	Clear					
DR4-YTFB-77A	Tinted					
DR4-YCFB-77A	Clear					
DR4-GTFB-77A	Tinted	8	120V – 60Hz	6.5	503	215
DR4-GCFB-77A	Clear					
DR6-RTFB-77A	Tinted	12	120V – 60Hz	6.7	625	365
DR6-RCFB-77A	Clear					
DR6-YTFB-77A	Tinted					
DR6-YCFB-77A	Clear					
DR6-GTFB-77A	Tinted	12	120V – 60Hz	10.5	589	910
DR6-GCFB-77A	Clear					
DR6-GTFB-77A	Tinted	12	120V – 60Hz	9.1	502	475
DR6-GCFB-77A	Clear					

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

All lamps available in tinted or clear lens.

<sup>1</sup> Class A

<sup>2</sup> Customer controller and load switch compatibility testing may be required. Please contact you GE representative for details.

<sup>3</sup> Power consumption for DR6-RTFB-77A, DR6-RCFB-77A, DR6-YTFB-77A, DR6-YCFB-77A, DR4-RTFB-77A, DR4-RCFB-77A, DR4-GTFB-77A and DR4-GCFB-77A could slightly increase over time to ensure light degradation compensation.

<sup>4</sup> Measured at vertical angle of -2.5° and at horizontal angle of 0°.



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