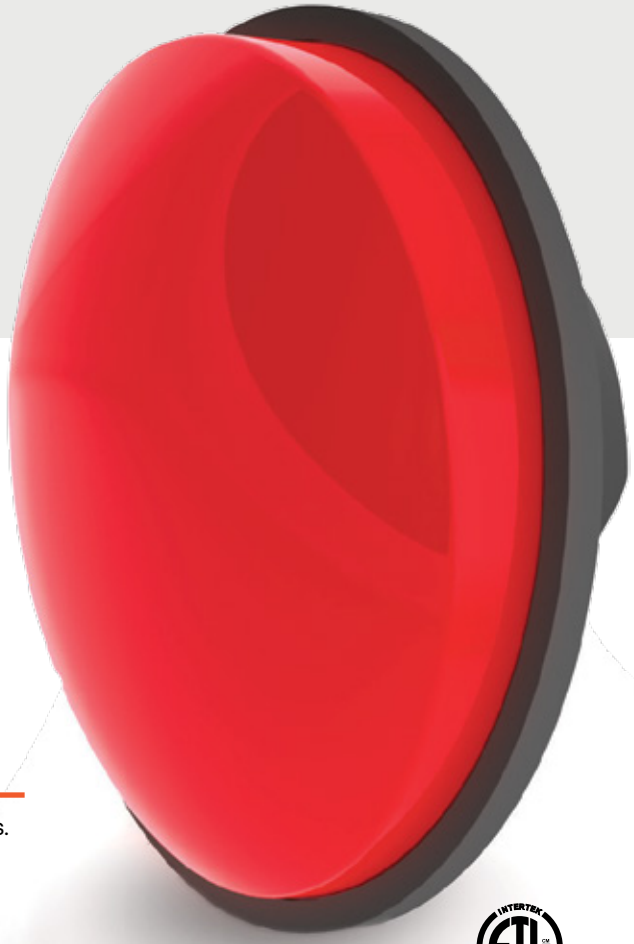
GTX®

VLA2 Model
LED Signal Modules

12 inch
Incandescent look (120V)

Project Name _____
Date _____ Type _____
Notes _____



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.

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

- Intertek ETL Verified compliant.
- Compliant with ITE VTCSH LED Circular Signal Supplement dated June 27th 2005.
- CSA approved.

The Greatest Signals Stand the Test of Time.™

GTX® City
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12 inch

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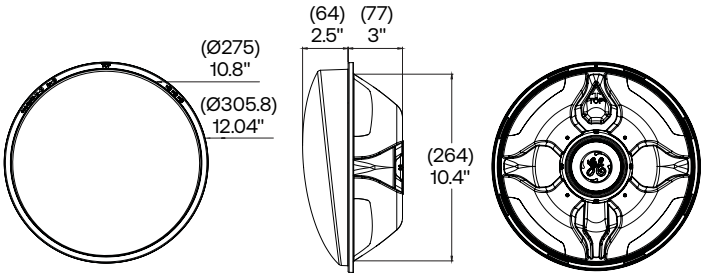
Mechanical Outline
Dimensions in inches (mm)



Front View | Side View | Back View

12 inch

Design Compliance

Test type	Compliance
Luminous Intensity	ITE VTCSH- LED Circular Signal Supplment-June 2005
Chromaticity	ITE VTCSH- LEDCircular-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[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
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
Immunity	Radiated electromagnetic field immunity - radio frequencies IEC 6100-4-3:2020 10 V/m (80 MHz-1 GHz) – Class A

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	< 75 ms
Lens & Shell Material	UV Stabilized Polycarbonate
Wiring	12 in lamp: 40 in, 18 AWG, Color Coded with Strain Relief

* Operating Temperature Range per ITE 2005, Section 3.3.2

Product Information

Model Number	Front Shell	Size (in)	AC Voltage Nominal	Power (W) Nominal	Wavelength (nm) Nominal	Maintained Inensity (Cd) Minimum[2]
DR6-RTFB-VLA2	Tinted	12	120V - 60Hz	8.5	625	365
DR6-RCFB-VLA2	Clear					
DR6-YTFB-VLA2	Tinted	12	120V - 60Hz	12	589	910
DR6-YCFB-VLA2	Clear					
DR6-GTFB-VLA2	Tinted	12	120V - 60Hz	7.5	501	475
DR6-GCFB-VLA2	Clear					

Distributed by:

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 0°.