

GTX™ City VLA Model LED Arrow Signals

12 inch
Incandescent look (120V)

Excellent Appearance & Visibility

- Efficient optical design allows omnidirectional arrow placement with maximum light output
- Excellent color uniformity creates an incandescent look for easy readability
- New or retrofit use

Outstanding Reliability & Robust Operation

- High efficiency and high-brightness LED light source
- Failed state impedance protection detects the loss of LED load
- Optimized thermal management for longer life
- Provides performance under extreme field temperature conditions

Meets Rigorous Certification & Testing Standards

- Intertek ETL Verified compliant
- DOE compliant
- CSA approved model available
- Using MIL-STD-810F and MIL-STD-883 for environmental robustness, passed reliability and qualification testing, including high temperature, high humidity cycling
- Compliant with ITE VTCSH LED Vehicle Arrow Traffic Signal Supplement dated July 1, 2007

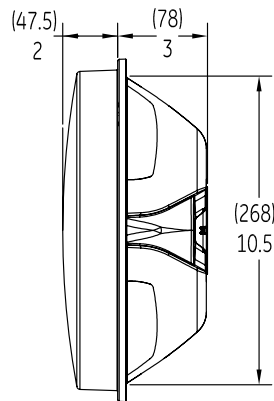
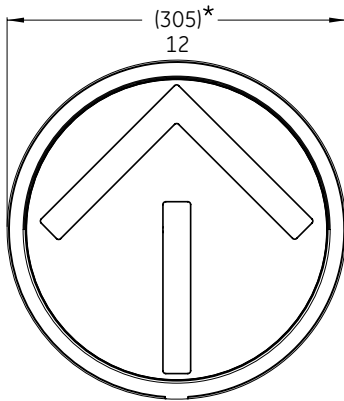


GTX™ City LED Arrow Signal Modules

- 12 inch module

Mechanical Outline

Dimensions in inches. (mm) indicates metric equivalent



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 %
Voltage Turn-Off (VTO)	35 V
Turn-On / Turn-Off Time	< 75msec
Lens & Shell Material	UV Stabilized Polycarbonate
Wiring	40in, 20 AWG, Color Coded with Strain Relief

* Operating Temperature Range per ITE 2005 section 3.3.2

Design Compliance

Test type	Compliance
Luminous Intensity	ITE VTCSH-LED Vehicle Arrow Traffic Signal Supplement, July 2007
Chromaticity	ITE VTCSH-LED Vehicle Arrow Traffic Signal Supplement, July 2007
Moisture Resistance	NEMA STD 250 Type 4 - 1991 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
Controller Compatibility	ITE VTCSH-LED Vehicle Arrow Traffic Signal Supplement, July 2007
Wiring	NFPA 70, National Electric Code
Transient Suppression	Sec. 8.2 IEC 1000-4-5 & Sec. 6.1.2 ANSI/IEEE C62.41.2 - 2002, 3KV, 2Ω Sec. 8.0 IEC 1000-4-12 & Sec. 6.1.1 ANSI/IEEE C62.41.2 - 2002, 6KV, 30Ω

Product Information

Model Number	Size (in)	AC Voltage Nominal	Power* (W) Nominal	Wavelength* (nm) Dominant	Maintained Intensity (Cd) Minimum
DR6-RTAAN-VLA	12	120V - 60Hz	6.5	625	58
DR6-RCAAN-VLA	12	120V - 60Hz	6.5	625	58
DR6-YTAAAN-VLA	12	120V - 60Hz	6.5	589	146
DR6-YCAAN-VLA	12	120V - 60Hz	6.5	589	146
DR6-GTAAAN-VLA	12	120V - 60Hz	6.5	500	76
DR6-GCAAN-VLA	12	120V - 60Hz	6.5	500	76

Distributed by:

All lamps available in tinted or clear lens.

¹ Class A

* Data shown is target specification undergoing validation testing



www.currentbyge.com

All trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. Current, powered by GE is a business of the General Electric Company.
© 2016 GE.

TRAF309 (Rev 05/27/16)