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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

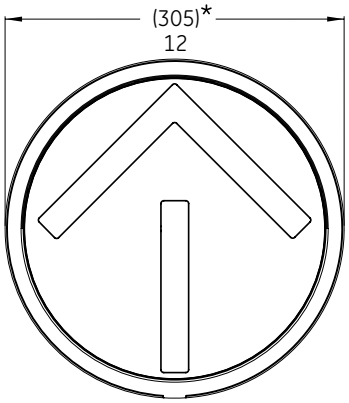
The Greatest Signals Stand the Test of Time.™

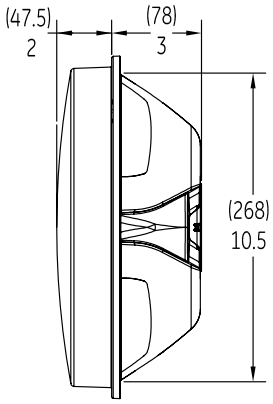
GTX™ City LED Arrow Signal Modules

- 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-YTAAN-VLA	12	120V – 60Hz	6.5	589	146
DR6-YCAAN-VLA	12	120V – 60Hz	6.5	589	146
DR6-GTAAN-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

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