

LED Traffic Signal 12V Modules

8 and 12 inch



Features, Benefits and Values

- Chromaticity in accordance to ITE VTCSH-STD Part 2, July 1998¹
- All products shipped with installed gasket
- High efficiency & long life LED light source
- Failure of single LED results in loss of light from only that LED
- Moisture and dust resistant
- Regulated power supply
- UV stabilized shell
- Direct retrofit design

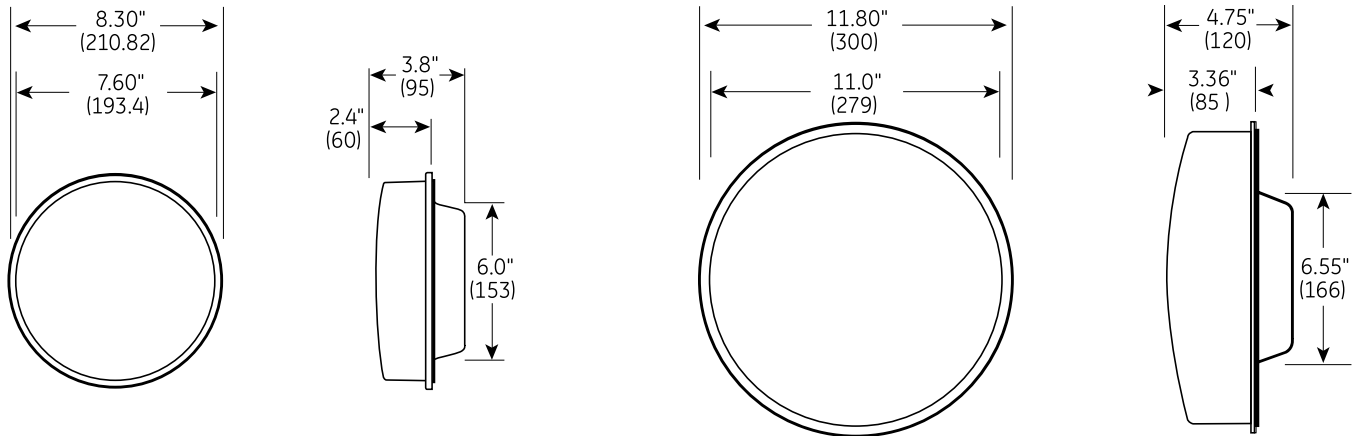


imagination at work

LED Traffic Signal 12V Modules

- 8 and 12 inch

Mechanical Outline Dimensions in inches. (mm) indicates metric equivalent



Design Compliance

Test Type	Compliance
Luminous Intensity	ITE VTCSH-STD Part 2, July 1998
Chromaticity	ITE VTCSH-STD Part 2, July 1998 ¹
Moisture Resistance	NEMA STD 250 Type 4 - 1991
Mechanical Vibration	MIL-STD-833 Method 2007
Electronic Noise	FCC Title 47 Sub. B Sec 15 ²
Transient Voltage Protection	ITE VTCSH-STD Part 2, July 1998

Operating Specifications

Parameter	Rating
Operating Temperature Range*	-40°C (-40°F) to +74°C (165°F)
Operating Voltage Range	6.5V - 15V
Power Factor (PF)	>90%
Total Harmonic Distortion (THD)	<20%
Lens & Shell Material	UV Stabilized Polycarbonate
Wiring	16 AWG, Color Coded with Strain Relief 48 in long minimum

¹ Measured at T_o = 25°C for Yellow

² Class A

Product Information

Model Number	Size (in)	AC or DC Voltage Nominal	Power (W) Nominal	Wavelength (nm) Dominant	Maintained Intensity Minimum ³	# of High Brightness LEDs
DR4-RTFB-23B	8	12V - 60Hz	10.0	626	133	88
DR4-YTFB-23B	8	12V - 60Hz	10.0	588	267 ⁴	88
DR4-GCFB-23B	8	12V - 60Hz	8.0	500	267	60
DR6-RTFB-23B	12	12V - 60Hz	13.5	626	339	132
DR6-YTFB-23B	12	12V - 60Hz	19.0	588	678 ⁴	196
DR6-GCFB-23B	12	12V - 60Hz	12.0	500	678	132

³ Measured at ± 2.5°H - 2.5°V

⁴ Actual intensity less than ITE VTCSH-STD Part 2, July 1998 Specification

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