GTX®

CITY LED Signal Modules

200 and 300 mm
Central Light Source (230 V)
VLC-045 series

Project Name _____
Date _____ Type _____
Notes _____

Current's 14th generation LED signal, building on 15 years of experience & over 6,000,000 units sold worldwide

OUTSTANDING PERFORMANCE

- Up to 80% energy savings vs. 50 W incandescent bulb.
- Central light source for a uniform looking signal.
- Operates from -40°C to +60°C.
- Phantom Class 5.

MAXIMUM FLEXIBILITY

- Low profile module permits efficient installation into existing traffic housings.
- Easy-to-install. Internal mask compatible to fit your unique signaling needs.*

MEETS RIGOROUS CERTIFICATION & TESTING STANDARDS

- Compliant with following sections of EN12368:2006:
  - 5.1 Environmental Requirements
  - 6 Optical Requirements
  - 8 Optical Test Methods
  - 9 Tolerances
  - 10 Marking, Labelling and Product Information
  - 11 Evaluation Conformity
- IP65 Ingress Protection acc. to EN60598 (as per EN12368).
- Designed and tested through Current's rigorous Six Sigma process.
- 100% of Current's signals are performance tested and traceable by serial numbers.
- EMC requirements acc. to EN50293 (as per EN12368 sect. 5.2)

* Sold separately. Refer to masks datasheet TRAF208.

The Greatest Signals Stand the Test of Time.™

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LED Signal Modules
200 and 300 mm

Project Name _____

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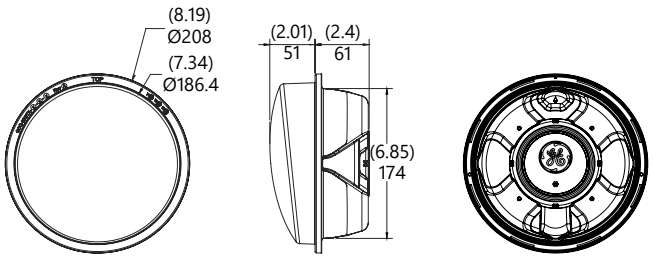
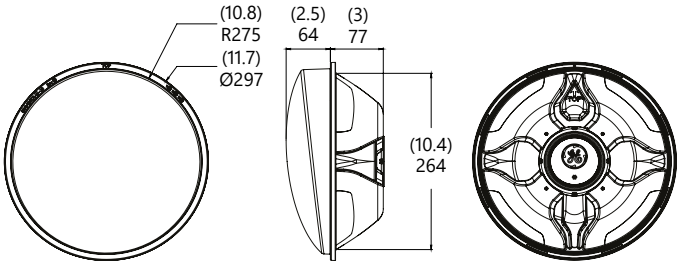
Mechanical Outline

Dimensions in mm (in)



Front View | Side View | Back View

200 mm



Front View | Side View | Back View

300 mm

Design Compliance

Test type	Compliance
Impact Resistance	IR3 acc. to EN 60598-1
Environmental Class	A, B & C
Ingress Protection	IP65[1] acc. to EN 60598
Signal with Symbol	S1
EMC	Class B acc. to EN 50293
Solar Radiation	Sa
Protection Class	Safety Class II, acc. to EN 60598

Operating Specifications

Parameter	Rating
Operating Temperature Range[2]	-40°C to +60°C
Operating Voltage Range	196V-265V
Power factor (Pf)	> 90%
Total Harmonic Distortion (THD)	< 20%
Minimum Voltage Turn-Off (VTO)	95V
Turn-On/Turn-Off Time	< 100 ms
Front Shell Material	UV Stabilized Polycarbonate

Product Information

Model Number	Front Shell	Size (mm)	Color	Minimum Light Intensity (Cd)	Maximum Light Intensity (Cd)	Nominal Power (W)	Phantom Class	Performance Levels Distribution*	Luminous Intensity*	Uniformity*	Weight kg (lbs)
DR4-RTFB-VLC-045	Tinted	200	Red	400	2000	6.3	5	W B2/2, W B3/2,	Type W & M	< 1:10	0.7 (1.5)
DR4-RCFB-VLC-045	Black	200	Red	400	2000	8.0	5		Type W & M	< 1:10	0.7 (1.5)
DR4-YTFB-VLC-045	Tinted	200	Yellow	400	2000	7.6	5		Type W & M	< 1:10	0.7 (1.5)
DR4-YCFB-VLC-045	Black	200	Yellow	400	2000	7.6	5		Type W & M	< 1:10	0.7 (1.5)
DR4-GTFB-VLC-045	Tinted	200	Green	400	2000	7.5	5		Type W & M	< 1:10	0.7 (1.5)
DR4-GCFB-VLC-045	Black	200	Green	400	1000	7.5	5		Type W & M	< 1:10	0.7 (1.5)
DR6-RTFB-VLC-045	Tinted	300	Red	400	1000	7.7	5	M A3/1, N A3/1	Type W & N	< 1:10	1.1 (2.4)
DR6-RCFB-VLC-045	Black	300	Red	400	1000	7.7	5		Type W & N	< 1:10	1.1 (2.4)
DR6-YTFB-VLC-045	Tinted	300	Yellow	400	1000	5.9	5		Type W & N	< 1:10	1.1 (2.4)
DR6-YCFB-VLC-045	Black	300	Yellow	400	1000	7.6	5		Type W & N	< 1:10	1.1 (2.4)
DR6-GTFB-VLC-045	Tinted	300	Green	400	1000	7.1	5		Type W & N	< 1:10	1.1 (2.4)
DR6-GCFB-VLC-045	Black	300	Green	400	1000	7.5	5		Type W & N	< 1:10	1.1 (2.4)

[1] Values are subject to change without notice. Please contact your Current sales representative for most up to date information.
[2] For a higher temperature range, please contact your Current representative.
* According to EN 12368: 2006

Mask Information

Refer to GTx masks datasheet TRAF208.