GTX®

City LED Signal Modules

200 and 300 mm

Central Light Source (24 VAC)

VLD-040 series

Project Name _____

Date _____ Type _____

Notes _____

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 signals are performance tested and traceable by serial numbers.
- EMC requirements acc. to EN50293 (as per EN12368 sect. 5.2)

* Sold separately.

The Greatest Signals Stand the Test of Time.™

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200 and 300 mm
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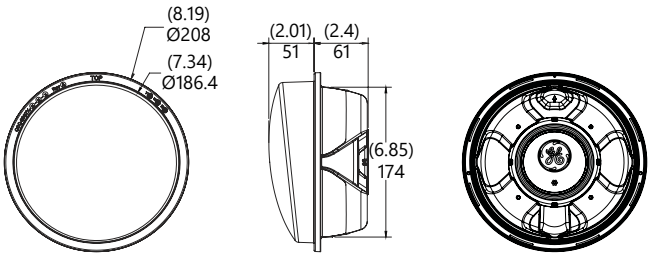
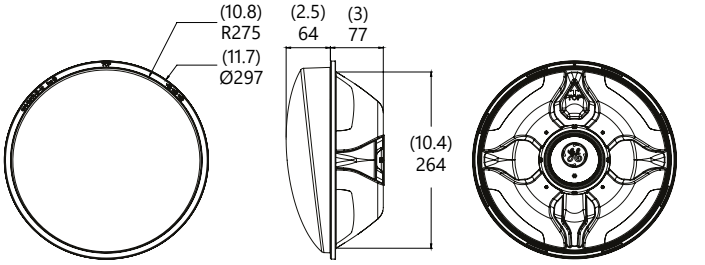
Mechanical Outline

Dimensions in mm (inches)



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	S[1]
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 at Full Brightness	24 VAC
Power factor (Pf)*	> 90%
Total Harmonic Distortion (THD)	< 20%
Minimum Voltage Turn-Off (VTO)	10 V
Turn-On/Turn-Off Time	< 75 ms
Front Shell Material	UV Stabilized Polycarbonate

Product Information

Model Number	Description	Front Shell	Size (mm)	Color	Minimum Light Intensity (Cd)	Maximum Light Intensity (Cd)	Nominal Power (W)*	Phantom Class[3]	Performance Levels Distribution[3]	Beam Type	Uniformity[3]	Weight kg (lbs)
93053653	DR4-RCFB-VLD-040	Black	200	Red	400	2000	10.5	5	B2/2	Type W & E	< 1:10	0.7 (1.5)
93053655	DR4-YCFB-VLD-040	Black	200	Yellow	400	2000	10.5	5	B2/2	Type W & E	< 1:10	0.7 (1.5)
93053652	DR4-GCFB-VLD-040	Black	200	Green	400	2000	11.0	5	B2/2	Type W & E	< 1:10	0.7 (1.5)
93053654	DR4-WCFB-VLD-040	Black	200	White	400	2000	10.5	5	B2/2	Type W & E	< 1:10	0.7 (1.5)
93053937	DR6-RCFB-VLD-040	Black	300	Red	400	2000	10.0	5	B2/2	Type W & E	< 1:10	1.1 (2.4)
93053939	DR6-YCFB-VLD-040	Black	300	Yellow	400	2000	10.5	5	B2/2	Type W & E	< 1:10	1.1 (2.4)
93053936	DR6-GCFB-VLD-040	Black	300	Green	400	2000	11.0	5	B2/2	Type W & E	< 1:10	1.1 (2.4)
93053938	DR6-WCFB-VLD-040	Black	300	White	400	2000	TBD	5	B2/2	Type W & E	< 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