

GTX™ LED Signal Modules

200 and 300 mm Central Light Source (230V)

15 years of experience
& over 6,000,000 units
sold worldwide



Outstanding Performance

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

Maximum Flexibility

- New micro-controlled power supply is packed with advanced functionality that can be unlocked and customized to fit your specific needs.
- Low profile module permits efficient installation into existing traffic housings.
- Offers multiple step and gradual dimming configurations for ultimate customization.
- Easy-to-install internal mask compatible to fit your unique signaling needs.**
- Optional: Smart Pulsar Board. Stimulates 35W filament bulb with <14W power consumption, for direct retrofit applications on filament bulb controllers.
Available in 200mm tinted modules.

Meets Rigorous Certification & Testing Standards

- Compliant with EN12368:2006 & HD 638 & EN 50556
- IP65 Ingress Protection Rating.
- Designed and tested through GE's rigorous Six Sigma process.
- 100% of GE signals are performance tested and traceable by serial numbers.

* Available for tinted lenses and most clear (black) lenses.

** Sold separately. Refer to masks datasheet TRAF208.

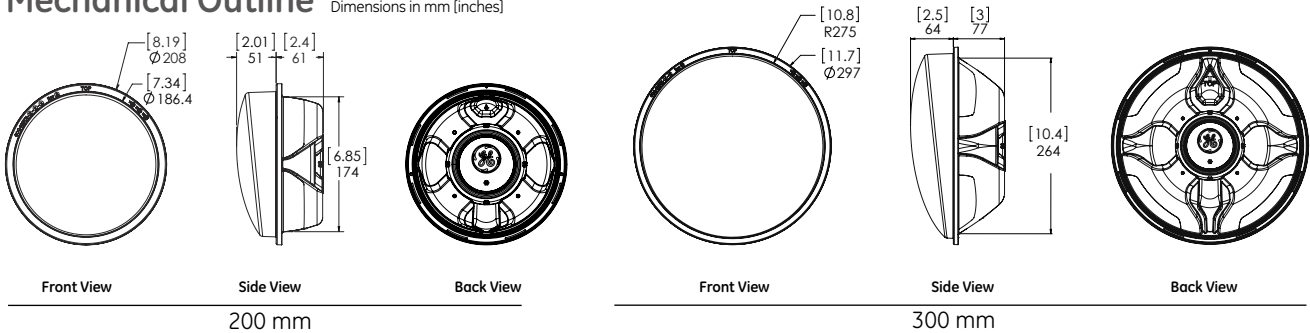


GTX™ LED Signal Modules

- 200 and 300 mm

Mechanical Outline

Dimensions in mm [inches]



Design Compliance⁴

Test Type	Rating
Impact Resistance	IR3
Environmental Class	A, B & C
Ingress Protection	IP65 ¹
Signal with Symbol	S1
EMC	Class B
Vibration	Class AJ2
Solar Radiation	Sa

Operating Specifications

Parameter	Rating
Operating Temperature Range ²	-40°C to +60°C
Pulsed Operating Voltage Range (dim mode)	196V-265V (95V-178V)
Operating Voltage Range (dim mode ³)	170V-265V (95V-160V)
Power factor (Pf)	> 90%
Total Harmonic Distortion (THD)	< 20%
Minimum Voltage Turn-Off (VTO)	80V
Turn-On / Turn Off Time	< 50 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 ⁴	Performance Levels Distribution ⁴	Luminous Intensity	Uniformity ⁴	Weight kg (lbs)
DR4-RTFB-71C	Tinted	200	Red	400	800	8.9	5	A2/1	Type W & M	1:10	0.7 (1.5)
DR4-RCFB-71C	Clear	200	Red	400	800	8.9	5		Type W & M	1:10	0.7 (1.5)
DR4-YTFB-71C	Tinted	200	Yellow	400	800	7.8	5	A2/2	Type W & M	1:10	0.7 (1.5)
DR4-YCFB-71C	Clear	200	Yellow	400	800	7.8	4		Type W & M	1:10	0.7 (1.5)
DR4-GTFB-71C	Tinted	200	Green	400	800	9.4	5	B2/1	Type W & M	1:10	0.7 (1.5)
DR4-GCFB-71C	Clear	200	Green	400	800	9.4	3		Type W & M	1:10	0.7 (1.5)
DR6-RTFB-71C	Tinted	300	Red	400	800	9.6	5	B2/2	Type N	1:15	1.1 (2.4)
DR6-RCFB-71C	Clear	300	Red	400	800	9.6	5		Type N	1:15	1.1 (2.4)
DR6-YTFB-71C	Tinted	300	Yellow	400	800	7.8	5	A3/1	Type N	1:15	1.1 (2.4)
DR6-YCFB-71C	Clear	300	Yellow	400	800	7.8	5		Type N	1:15	1.1 (2.4)
DR6-GTFB-71C	Tinted	300	Green	400	800	8.1	5	A3/2	Type N	1:15	1.1 (2.4)
DR6-GCFB-71C	Clear	300	Green	400	800	8.1	5		Type N	1:15	1.1 (2.4)
DR6-GTFB-71C	Tinted	300	Green	400	800	8.1	5	B3/1	Type N	1:15	1.1 (2.4)
DR6-GCFB-71C	Clear	300	Green	400	800	8.1	5		Type N	1:15	1.1 (2.4)
DR2 Series		100		For details, refer to DR2 datasheet TRAF123				B3/2	Type N	1:15	1.1 (2.4)

Options

Smart Pulsed board

DR4-RTFB-71C-016	Tinted	200	Red	400	800	14	5	A 2/1, A 3/1	Type N, W, M	> 1:10	0.7 (1.5)
DR4-YTFB-71C-016	Tinted	200	Yellow	400	800	14	5		B 2/2, B 3/1	Type N, W, M	> 1:10
DR4-GTFB-71C-016	Tinted	200	Green	400	800	14	5	Type N, W, M		> 1:10	0.7 (1.5)

¹ Can be increased as an option, contact your GE representative for more information.

² For a higher temperature range, please contact your GE representative.

³ 20% night time dimming. Factory customizable. Contact your GE representative for details

⁴ As defined in EN 12368:2006.

Mask Information



Refer to GTX masks datasheet TRAF208.



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