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► Model G-STR

Global Series Signaling Platform – Strobe

Non-metallic design for low maintenance and corrosion resistance

The Federal Signal patent pending G-Series Strobes feature a high-intensity xenon strobe tube operated at 21J. The housing is made from non-metallic materials designed to serve the demanding needs of offshore marine and land-based industrial applications, and can dramatically reduce the cost of long-term maintenance.

The flameproof “Ex d” versions come standard with two (2) M20 entries. The increased safety “Ex de” versions include a separate terminal chamber for quick field termination or pass-through wiring, and include three (3) M20 entries in a standard configuration.

The G-Series Strobe can be combined with all other G-Series audible and visual products in several custom configurations. Custom configurations can be ordered directly from the factory. Optional coupling kits, which allow limited field fixturing, are available.



FEATURES

- Seven available lens colors: Amber, Blue, Clear, Green, Magenta, Red and Yellow
- Available in 24VDC, 120VAC and 220-240VAC 50/60Hz
- 316 stainless steel adjustable mounting U-bracket (optional)
- 10,000 hour strobe tube
- Non-metallic corrosion-resistant design
- Dome guard included
- M20 entries standard
- IP66 enclosure
- Zone 1, 21 Rated, IECEx, ATEX, Ex d IIC and Ex de IIC
- Optional indicator rings are available in six colors: Black, Blue, Green, Magenta, Red and Yellow
- Field customizable legend plates available¹

MODEL	OPERATING VOLTAGE	NOMINAL OPERATING CURRENT	FLASH “ENERGY” (JOULE)	TEMPERATURE CODE AT 70°C	LAMP LIFE HOURS	ECP ²
G STR	24VDC	1.5 amps	21	T3	10,000	500
	120VAC 50/60Hz	0.45 amps	21	T3	10,000	500
	220-240VAC 50/60Hz	0.34 amps	21	T3	10,000	500

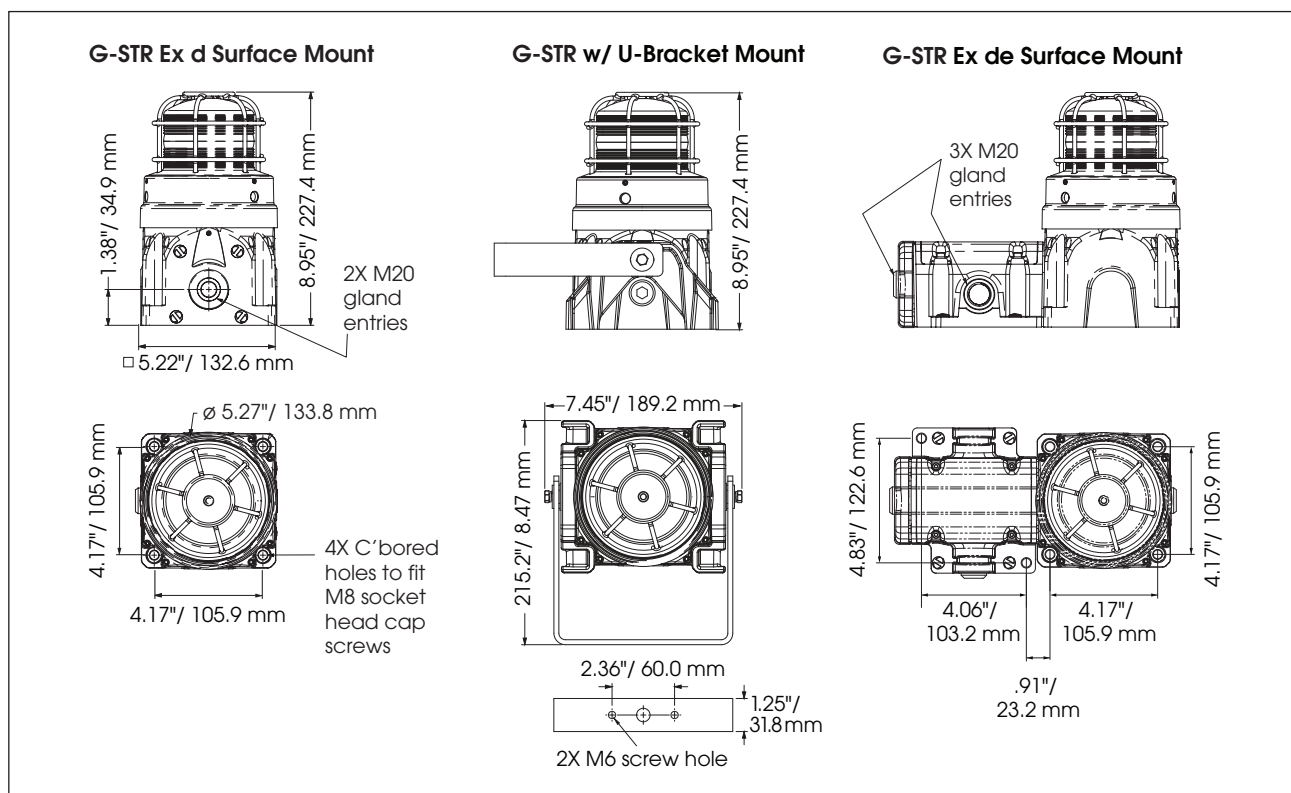
¹ Recommended labels: BRADY #B-855 Toughwash labels or ULINE #S-16643 weather resistant

² ECP (Effective Candlepower) is the intensity that would appear to an observer if the light were burning steadily; measured with clear lens.



Pending UL, cUL, GOST, EAC and INMETRO certifications.

Global Series Signaling Platform – Strobe (G-STR)



SPECIFICATIONS

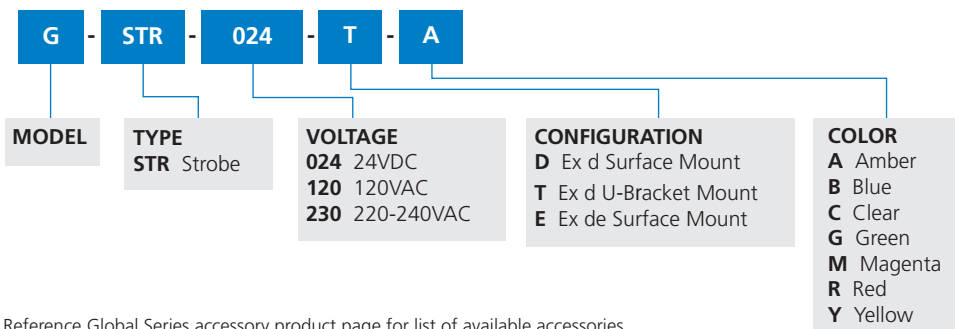
Lamp Life:	10,000 Hour
Light Source:	Xenon Strobe
Operating Temperature Range:	-58°F to 158°F
	-50°C to 70°C
Certification Marking:	
II 2GD Ex d IIC Gb, Ex tb IP66.	T3 @ 70°C; T3 @ 70°C
II 2GD Ex de IIC Gb, Ex tb IP66.	T3 @ 70°C; T3 @ 70°C
	ATEX: Baseefa15ATEX0154X
	IECEX: IECEX BAS 15.0103X
Guard and External Fasteners:	316 stainless steel
Terminals:	Ex d: 6 way block (3 in, 3 out)
	Ex de: 2x3 position quad pole terminal block
Cable Entries:	Ex d: 2 entries - M20 x 1.5
	Ex de: 3 entries - M20 x 1.5

Net Product Weight		
Ex d Surface Mount:	7.17 lbs.	3.25 kg
Ex d U-Bracket Mount:	9.15 lbs.	4.15 kg
Ex de Surface Mount:	9.99 lbs.	4.53 kg

REPLACEMENT PARTS

Description	Part Number
Strobe Internal Sub-assembly kit (Includes PCBAs, bracket, LED light head and mounting screw)	
120VAC Strobe Lens Kit	K859501402-120
230VAC Strobe Lens Kit	K859501402-230
24VDC Strobe Lens Kit	K859501402-024
e-Box Endcap with M20 Opening	K859500805-02
e-Box Cover Assembly	K859501414
(Includes two terminal blocks, mounting plate and retention hardware)	

H O W T O O R D E R



Reference Global Series accessory product page for list of available accessories.

