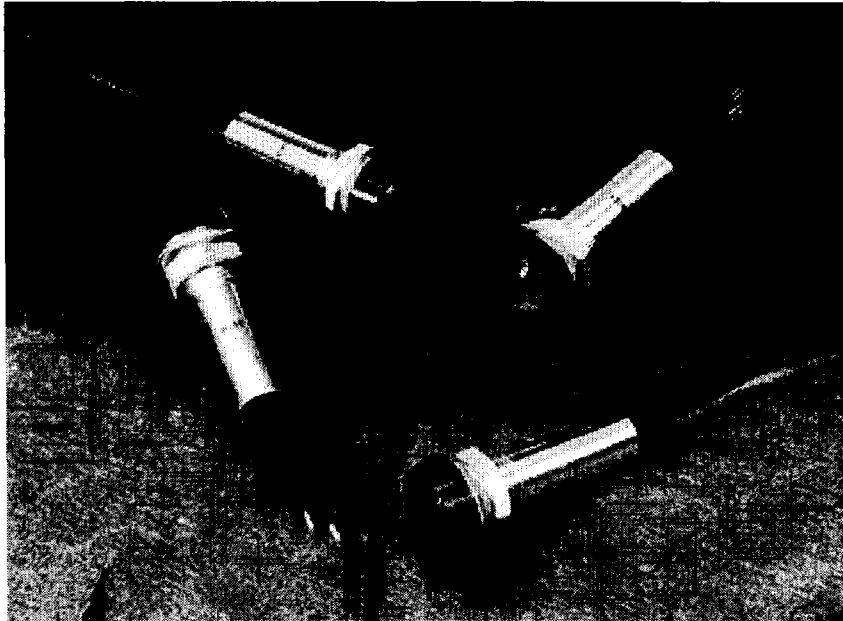


FEATURES

- flicker-free - replaces neon technology
- high brightness - 6-chip array
- sealed to IP 68
- high reliability, long MTBF
- full range of colours including superbright AlGaAs Red

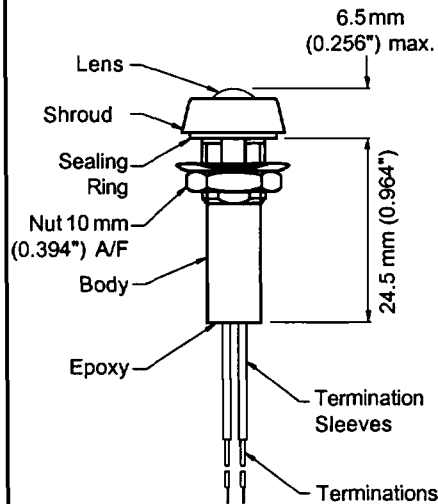


APPLICATIONS

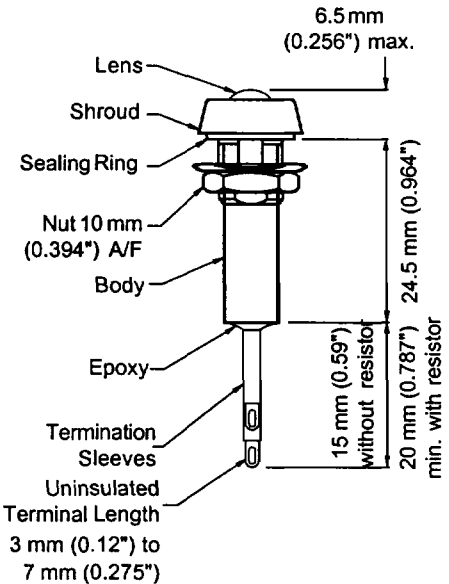
- mains indicators
- maritime
- instrumentation

OPTIONS

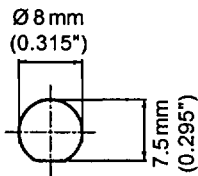
- tag terminations
- special electrostatic screen



STR/LH/8/-



STR/LH/8/-Ref1



MOUNTING HOLE DETAILS

TERMINATIONS COLOUR CODE	
VOLTAGE	LEAD COLOURS
110	Blue/black
240	Black/black



MAINS POWERED LED INDICATOR LAMPS

OPTICAL CHARACTERISTICS

	LUMINOUS INTENSITY (mcd)		PEAK WAVELENGTH (nm)
	110 V VERSIONS	240 V VERSIONS	
AL (AlGaAs Red)	20	9	660
Red	10	5	635
Amber	6	3	610
Yellow	6	3	585
Green	20	9	565

ELECTRICAL CHARACTERISTICS

	STR/LH/8/110	STR/LH/8/240
Current Consumption mA (typ)	5	2
Supply Voltage (Va.c.) ^{*1} - Sinusoidal	110 ± 15%	240 ^{+5%} _{-20%}
Supply Frequency (Hz)	50 - 60	50 - 60

^{*1} Unlike neons, LED arrays operate below 50% supply voltage without flicker. Reduction in light output is proportional to fall in supply voltage.

ENVIRONMENTAL

Operating temperature range : STR/LH/8/110 : -40°C to 85°C
 : STR/LH/8/240 : -40°C to 70°C
 Storage temperature range : -40°C to 85°C (all types)
 Sealing : BS 2011 Pt. 2.1 Qa at 30 psi (equivalent to 20 m sea water). BS 5490 IP 68

MOUNTING DETAILS

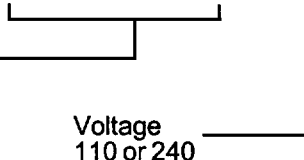
Chassis thickness : 3.2 mm (0.126") max.
 Recommended mounting torque: 1 Nm (0.74 lbf ft)

MATERIALS

Body and nut : Aluminium alloy
 Shroud : Aluminium alloy - black anodised
 Washer : Beryllium copper alloy, tin plated
 Sealing ring : PTFE
 Lens : Glass (clear)
 Terminations : Type 44 stranded insulated wire
 Type 44M 9976-24-0. Standard length 200 mm (7.87")

ORDERING INFORMATION

STR/LH/8/240/FL50

Generic range  Ref 1 : Tag Terminations
 FL50 : 500 mm (19.7")
 FL30 : 300 mm (11.8")
 - 200 mm (7.87") leads supplied if not otherwise specified

Please specify type number and colour when ordering.

We also have capabilities to manufacture competitive custom products where quantities warrant. For further information please contact Technical Sales.

COMPANY APPROVALS

BS EN ISO 9001:1994 and QAS/34/61 REG No. FM 01759
 CECC Approval No. M/0022, BS 9000 Approval No. 1048/M

European and International Patents

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