

STExB2RT1 Rotating Halogen Beacon

The STExB2RT1 is an explosion proof rotating Halogen beacon. The robust IP66 corrosion proof 316L stainless steel enclosure ensures the STExB2RT1 is suitable for all Zone 1, 2, 21 & 22 hazardous location signalling applications.

The STExB2RT1 beacons produce a high output rotating signal required for effective signalling in environments with elevated levels of ambient light. The field replaceable colour filter enhances the visibility of the beacon and is constructed from UV stable PC.

The stainless steel enclosure features a threaded flame path, four cable entries and a large termination area – all of which significantly reduce installation time.

Features

- Robust corrosion proof 316L stainless steel enclosure
- Ingress protection IP66
- 316 Stainless Steel guard included as standard
- Field replaceable UV stable lens colour filter
- 316 Stainless steel stopping plugs included
- 4 x M20 cable entries
- Stainless steel fasteners
- Duplicate cable terminations
(in & out for daisychain installations)

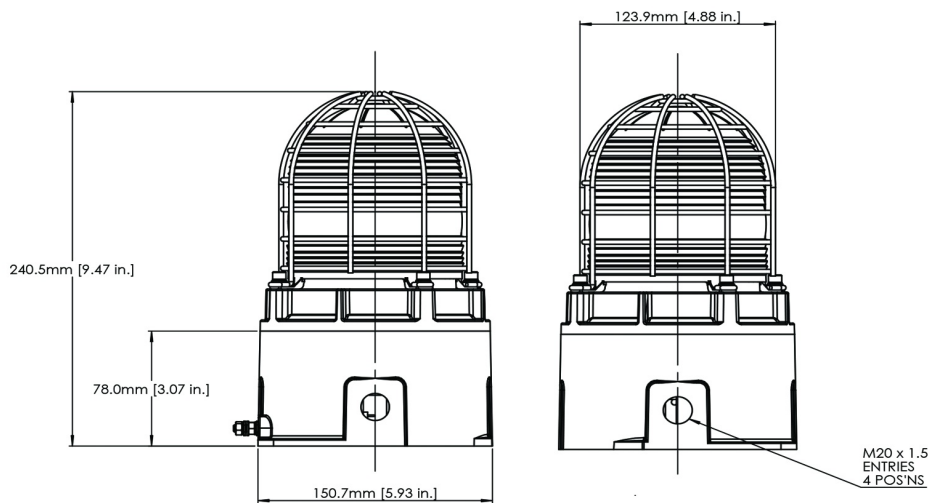
Approvals

- IECEx ULD 16.0017X
IEC 60079-0 : 2011
IEC 60079-1 : 2014
IEC 60079-31 : 2013
- ATEX DEMKO 16 ATEX 1466X
EN 60079-0 : 2012 + A11 : 2013
EN 60079-1 : 2014
EN 60079-31 : 2014
- TR-CU Ex EAC certificate: RU C-GB.AA71.B.00109

Coding

- Ex db IIC T5 Gb Ta. -50° to +40°C
- Ex db IIC T4 Gb Ta. -50° to +70°C
- Ex tb IIIC T125°C Db Ta. -50° to +70°C





Specification

Energy:	20W (DC voltages) 25W (AC voltages)
Source:	Halogen Lamp G6,35/GY6,35
Rotation speed:	180RPM (+/-30RPM)
Eff. Intensity cd:	633 cd
Lens colours:	Amber, Blue, Clear, Green, Magenta, Red & Yellow
Voltages DC:	12V dc; 24V dc
Voltages AC:	115V ac; 230V ac
Ingress protection:	EN60529: IP66
Drive life:	>5,000 hrs
Duty cycle:	100%
Enclosure matl:	316L Stainless Steel
Enclosure finish:	Chromated & powder coated
Colour:	RAL3000 Red
Cable entries:	4 x M20 ISO (3 x stopping plugs included as standard) Adaptors to M25, 1/2" & 3/4" NPT can be specified
Terminals:	0.5 - 2.5mm ² (20-14 AWG)
Enclosure volume:	<2 litres
Line monitoring:	Blocking diode included EOL Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor or diode (DC versions) can be fitted
Grounding stud:	M5
Temperature range:	-50° to +70°C (-58°F to +158°F)
Relative humidity:	95% - Additional tropicalisation is recommended for applications where both high relative humidity and high ambient temperatures exist
Weight:	6.0kg/13.23lbs
*All candela data is representative of performance with clear lens at optimum voltage.	
Example part code: STExB2RT1AC230 [e][m][s][v][x]/[y] STExB2RT1AC230AS2A1R/R STExB2RT1 25W Halogen Rotating Beacon, 230V ac, 4 x M20 entries, Stainless Steel stopping plugs, A4 316 SS dome guard, IECEx & ATEX approved, Red enclosure, Red lens	

Part Codes

Version:	Part code: _____	
Product type:	STExB2	
Type:	RT1	Halogen Rotating Beacon
Voltage:	DC012	12V dc
	DC024	24V dc
	AC115	115-120Vac
	AC230	230V ac
Cable Entry Type: [e]	A	4 x M20x1.5mm
	B	2 x 1/2" NPT - adaptors
	C	2 x 3/4" NPT - adaptors
	D	2 x M25x1.5mm - adaptors
	E	1 x 1/2" NPT - adaptor
	F	1 x 3/4" NPT - adaptor
	G	1 x M25x1.5mm - adaptor
	H	3 x 1/2" NPT - adaptors
	I	3 x 3/4" NPT - adaptors
	J	3 x M25x1.5mm - adaptors
Adaptor/Stopping plug material: [m]	B	Brass
	N	Nickel Plated
	S	Stainless Steel (standard)
Guard material & tag: [s]	1	A2 304 Stainless Steel
	2	A4 316 Stainless Steel (default)
	3	A2 304 St/St with Equip. Tag
	4	A4 316 St/St with Equip. Tag
Product version: [v]A1	IECEx & ATEX Group II 2G/D Zone 1, 2, 21 & 22	
Enclosure colour: [x]	R	Red
	S	Special (contact E2S)
Lens colour: [y]	A	Amber
	B	Blue
	C	Clear
	G	Green
	M	Magenta
	R	Red
	Y	Yellow
Accessories:	SP65-0001-A2	Pole Mount Bracket Kit 2" St/St A2 (304)
	SP65-0001-A4	Pole Mount Bracket Kit 2" St/St A4 (316)
	SP65-0003-A2	Sunshade - St/St A2 (304)
	SP65-0003-A4	Sunshade - St/St A4 (316)

Current Consumption

Version:	Voltage:	Current:
12V dc	12V dc	1.73A
24V dc	24V dc	970mA
115V ac	115-120V ac	216mA
230V ac	50Hz/60Hz	111mA

E2S Warning Signals sales@e2s.com www.e2s.com

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