

BExBGL1D ATEX EEx L.E.D Hazardous Area Beacon / Status Light



- BExBGL1D : EEx d IIC T4 (Tamb. -50 to +55°C)
EEx d IIC T5 (Tamb. -50 to +40°C)
- ATEX approved
- Suitable for Zone 1, 2, 21 & 22 Gas Groups IIC IIB & IIA
- Array of 32 High Output L.E.D's.
- Colours: Amber, Blue, Green and Red.
- Total of 9 operation modes:
4 rotating configurations
4 flashing configurations
Steady mode for indicator / status applications
- 3 stage beacon
Remotely selectable 2nd and 3rd stage modes
- Voltages : 24vdc (10-50vdc); 24vac; 115vac; 230vac
- Borosilicate glass dome with optically enhanced prismatic lens cover
- BExBGL1D : IP67
- Enclosure material : Marine grade LM6 Aluminium
- Chromated & powder coated finish - good resistance to humidity and salt spray environments.
- Stainless Steel guard.
- Colour available : Red (RAL3000)
- Operating temperature : -50 to +55°C (EExd IIC T4)
-50 to +40°C (EExd IIC T5)
- Storage temperature : -50 to +70°C
- Large range of certified end of line resistors.
- Weight : DC:2.45kg AC: 2.75kg
- KEMA Certificate number : 00ATEX2006 X



BExBGL1D

Flameproof & Dust ignition proof beacons
Zones 1, 2, 21 & 22

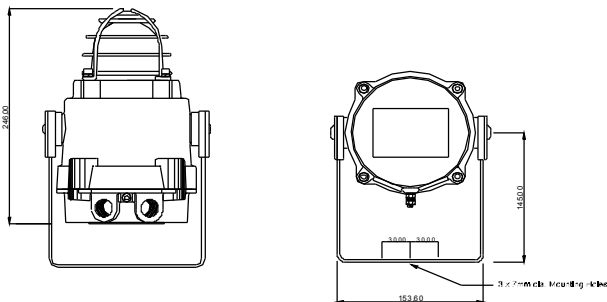
- II 2G/D EEx d IIC T4 T105°C
- II 2G/D EEx d IIC T5 T95°C

Installation Features.

- Very large termination area.
- Dual M20 ISO cable gland entries (supplied with one stopping plug).
- Ratchet adjustable stainless steel 'U' bracket for positive adjustment under harsh conditions.
- IN & OUT terminals
- Terminals accept 0.5 to 4.0mm² cables.
- Line monitoring : Min. 500 Ohm 2w, or 3k3 Ohm 0.5w resistor, or diode within EExd enclosure (dc versions)

Input voltages and current consumption for the BExBGL1D beacon:

Voltage :	24vdc	48vdc	115vac	230vac	24vac
			50/60Hz	50/60Hz	50/60Hz
Voltage range :	10-50vdc	10-50vdc	+/-10%	+/-10%	+/-10%
Current mA :	400mA	230mA	140mA	70mA	380mA



All dimensions are in millimetres.



Also available :

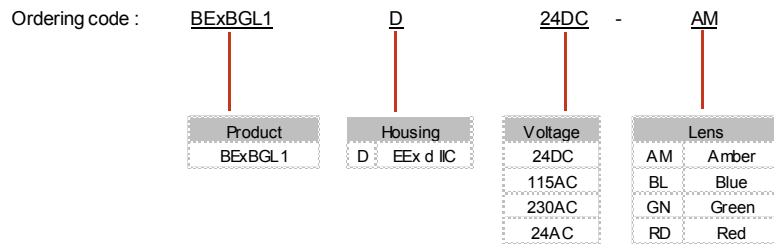
- BEx(D)S110 & 120 EEx d & EEx de sounder units.
- Programmable versions with 45 tones and 4 stages.
- BEx(D)A110 & A120 EEx d & EEx de Voice Annunciation units.
- BExBG EEx d & EEx de 10 & 15 Joule Xenon beacons
- BEx(D)L15 & 25 watt EEx d & EEx de loudspeakers.
- BEx(D)TS110 & BExTBG05 EEx d Telephone ringers and beacons.

Configuration modes:

Mode	Stage 1	Stage 2	Stage 3
1	All on	9	8
2	Rotating 3 LED on Fast	7	1
3	Rotating 6 LED on Fast	8	1
4	Rotating 3 LED on Slow	9	1
5	Rotating 6 LED on Slow	6	1
6	Double strike strobe 1Hz	9	1
7	Single strike strobe 2Hz	3	1
8	Double strike strobe 2Hz	3	1
9	Alternate side flash 1:1 2Hz	3	1



Multiple-unit configurations are available on stainless mounting plates.
Combine 2, 3 or 4 devices - alarm sounders, loudspeakers, beacons.
If required, units can be pre-wired to minimise installation time.



TSP2407-C