

Ex de



Features

- Compact construction
- Versatile
- Light intensity up to 15 joule
- Protection degree IP 66 / 67
- Explosion protection class
 - II 2G Ex d e IIC T6 / T5 Gb
 - II 2D Ex tb IIIC IP66 T80°C / T95°C Db

Use on an oil platform

The sturdy housing conforms to protection degree IP 66 / 67 and can be installed both indoors and outdoors.



Introduction

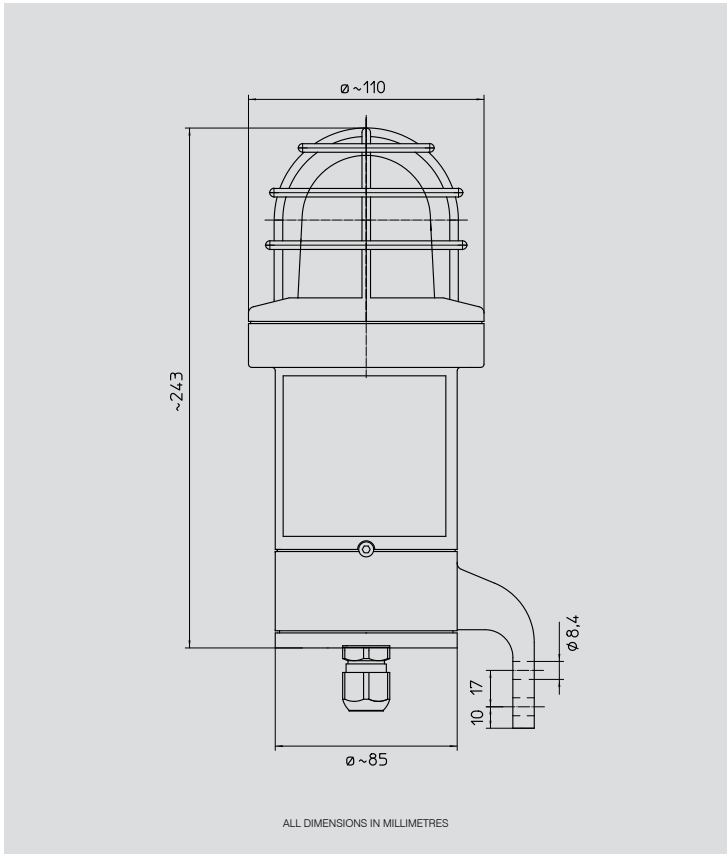
It is often necessary to use optical signals for warning, indicating and signalling purposes in areas with explosive atmospheres.

The ExII strobe light dSLB 20 offers these signalling possibilities and is designed for continuous operation, and is available with various rated voltages. The sturdy housing conforms to protection degree IP 66/67, suitable for both indoor and outdoor installation.

The ExII strobe light consists of a light grade aluminium alloy, flameproof housing and a lens manufactured from borosilicate glass

Certification and Specification

Type of protection:	II 2G Ex d e IIC T6/T5 Gb. II 2D Ex tb IIIC IP66 T95°C, T80°C Db.
Approval:	PTB 99 ATEX 1028. IECEx PTB 09. 0062.
Weight:	Approx 2 kg.
Housing:	Aluminium, surface lacquered or powder-coated.
Colour:	Yellow/Blue with borosilicate glass cap and protective cage of stainless steel.
Cap colours:	Transparent, red, amber, green, blue.
IP rating:	IP 66 / 67 acc. IEC 60529.
Protection class:	I.
Cable gland:	1x M20 x 1.5 and 1x blind plug M20 x 1.5 (15 joule version). 1x M20 x 1.5 on the side (5 joule version).
Connection terminals:	Power supply: Cross section – 2.5 mm ² single wire 1.5 mm ² fine wire Protective earth – Screw connection with wire protection clamp in connection enclosure max. 2.5 mm ² Equipotential – Screw connection with wire bonding conductor protection clamp out side, cross section max. 4 mm ² .
Operating conditions:	Indoors and outdoors.
Operating position:	Any.
Operating mode:	Continuous.
Flash energy:	5 joule / 15 joule.
Flash frequency:	Approx. 60/min. (1 Hz).
Average lifetime:	Approx. 5x 10 ⁶ flashes.
Temperature range:	
Operation:	-55°C to +40°C (T6). -55°C to +55°C (T5).



Ordering Information

The full article number is made up by appending the colour code for the coloured cap to the article number given here (--).
Transparent 01 | Red 02 | Amber 03 | Green 04 | Blue 05 | For example **F22496301** = Transparent ExII Strobe Light 24VDC 15J 1A.

Type	Name	Voltage	Flash energy	Current consumption	Article no.
dSLB 20	ExII Strobe Light	24 VDC (21–53 VDC)	15 Joule	1 A	F224 963 (–)
dSLB 20	ExII Strobe Light	80 VDC (72–132 VDC)	15 Joule	250 mA	F224 965 (–)
dSLB 20	ExII Strobe Light	115 VAC (103–127 VAC)	15 Joule	200 mA	F224 966 (–)
dSLB 20	ExII Strobe Light	230 VAC (207–253 VAC)	15 Joule	200 mA	F224 997 (–)
dSLB 20	ExII Strobe Light	12 VDC (10–14 VDC)	5 Joule	600 mA	F224 912 (–)
dSLB 20	ExII Strobe Light	24 VDC (21–53 VDC)	5 Joule	280 mA	F224 913 (–)
dSLB 20	ExII Strobe Light	80 VDC (72–132 VDC)	5 Joule	90 mA	F224 915 (–)
dSLB 20	ExII Strobe Light	115 VAC (103–127 VAC)	5 Joule	135 mA	F224 906 (–)
dSLB 20	ExII Strobe Light	230 VAC (207–253 VAC)	5 Joule	130 mA	F224 907 (–)