

ES EXF250LED

Zone 1/21
Zone 2/22



II 2G Ex eb mb op is IIC T5 Gb
II 2D Ex tb op is IIIC T55°C-T70°C Db



Use:

Explosion-proof light fitting for the illumination of indoor and outdoor industrial spaces with the danger of gas, vapour and dust explosion.

CE	110-254 V AC	220-250 V DC	IP66 IP67	ATEX
LED	EMERGENCY 	A3	CRI: >80	Ta -40°C ÷ +60°C
Carton (mm/pcs): 740 x 210 x 195 / 1 1340 x 210 x 195 / 1				



Technical description:

The body is made of polyester strengthened with glass fibre (GRP). The diffuser is made of polymethyl methacrylate (PMMA) or UV stabilized polycarbonate. The optical cover is fixed by eight stainless steel clamps. The max. cross-section of the connecting conductors is 2,5mm².

Installation:

On the ceiling or on the wall with use of mounting brackets.

Versions:

A3 version of light fitting is equipped with internal power supply module capable of continuous work in emergency mode, for at least three hours, in case of mains failure. Standard light fittings are available with polyamide cable outlets M20x1,5, optionally with polyamide cable outlets M25x1,5 or metal cable glands M20x1,5 and M25x1,5.

To order:

Emergency version A3 or ZB.

Type	Power input [W]	Efficiency [lm/W]	Luminous flux [lm]	Ambient temperature	Dimensions [mm]
ES EXF250LED-0600-F1	21	87	1869	-40°C ÷ +45°C	700 x 190 x 129
ES EXF250LED-0600-F2	39	100	3816	-40°C ÷ +45°C	700 x 190 x 129
ES EXF250LED-1200-F2	39	104	4104	-40°C ÷ +45°C	1300 x 190 x 129
ES EXF250LED-1200-F4	78	100	7753	-40°C ÷ +45°C	1300 x 190 x 129
ES EXF250LED-1200-G4	47	105	4840	-40°C ÷ +55°C	1300 x 190 x 129
ES EXF250LED-0600-G2	25	102	2566	-40°C ÷ +60°C	700 x 190 x 129
ES EXF250LED-1200-G2	25	98	2468	-40°C ÷ +60°C	1300 x 190 x 129

*By adding letter „P“ behind type designation, light fittings will be provided with plastic cable glands.

*By adding letter „M“ behind type designation, light fittings will be provided with metal cable glands.

*By adding number 10 behind type designation, light fittings will be provided with one cable gland on one side of light fixture, with a cross wiring.

*By adding number 11 behind type designation, light fitting will be provided with two cable gland on both sides of light fixture, with a cross wiring.

*By adding number 20 behind type designation, light fittings will be provided with two cable glands on one side of light fixture, power supply cables can be bridged in connection terminal.

*By adding number 21 behind type designation, light fittings will be provided with three cable glands, two are on one side and one is the other side with a cross wiring.

*By adding number 22 behind type designation, light fittings will be provided with four cable glands, two on both sides of light fixture, with a cross wiring.

*E.g. ES EXF250LED-0600-F1-P21 – light fittings will be provided with plastic three cable glands, two are on one side and one is on the other side with a cross wiring.