

MINIMINEX



I M2 Ex d I Mb



Use:

Explosion-proof light fitting for the illumination of mine spaces with a danger of methane and coal dust explosion.

CE	230V 50Hz		IP65	ATEX 2014/34/EU
LED	EVG 	EVG DIMM 	3F	Ta -20°C ÷ +40°C
Carton (mm/pcs): 300 x 260 x 290 / 1				



Technical description:

The body and flange of the light fitting are grey iron castings finished with RAL 1005 powder paint. The optical cover is made of tempered glass. A steel suspension with an eye is fixed to the top part of the body. There are two cable outlets on the light fitting sides. There is an LED module built inside the light fitting and it is comprised of a board fitted with LEDs and a power supply. The contact surface between the flange and the body of the light fitting makes up the cylindrical joint of the explosion-proof cap "d". The light fitting is designed as a through light fitting, for three-phase connection (five-core cable). When the light fitting is used as a terminal light fitting, the free cable outlet is blinded with a plug. The max. cross-section of the connecting conductors is 4 mm².

Installation:

With a steel suspension with an eye ø18 mm.

Versions:

The light fittings are made in a version with an electronic adjustable ballast (EVG DIMM) which enables the adjusting of the luminous flux and thus the light fitting power inlet to 50%. Light fittings are provided with a self-resetting thermal fuse and a surge guard up to 4 kV.

To order:

Spanner 4-99.6212 (for tightening cable outlets).

MINIMINEX, type 591 40 01

Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
25 / 2600	104	120	4500	80	14

