

# MINEX I LED

zone 1/21  
zone 2/22



I M2 Ex d I Mb  
II 2G Ex d IIB T6 Gb  
II 2D Ex tb IIIC T56°C Db



## Use:

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

CE	230V 50Hz		IP65	ATEX 2014/34/EU
	EVG 	Ta -20°C ÷ +40°C		
Carton (mm/pcs): 430 x 240 x 240 / 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 threaded joint of the explosion-proof cap "d". The light fitting is designed as a through light fitting, the terminal board allows two phase alternation (four-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 mm<sup>2</sup>.

## Installation:

With a steel suspension with an eye  $\varnothing$ 18 mm.

## Versions:

The light fittings are made in versions with electronic ballasts (EVG); the light fittings are equipped with self-resetting thermal fuses and surge guards.

## To order:

Shade 254.5021/01, holder 4-99.8103 for mounting on the ceiling, holder 338.2735 for mounting on the wall, spanner 3-99.6158/1, protective basket 2-99.7461.

## MINEX I LED, type 591 39 01

Power input [W] / Luminous flux [lm]	Luminous efficiency [lm/W]	Angle of beam [°]	Colour temperature [K]	CRI	Weight [kg]
24 / 1550	65	120	6000	70	18.5

