

TITAN LED Ex

Explosion-proof Led-based luminaires



Description

TITAN LED EX is intended for usage in hazardous areas of all classes of indoor and outdoor installations of oil, gas and petrochemical industry according to explosion protection marking.

Installation

Mounting using M6.

Design

Coper-free aluminium alloy housing. The Led-module, driver and spring connector for power supply are mounted inside the housing. Mounting straps, fasteners are made of stainless steel. Led-module is separated and makes "m" type explosion-proof enclosure (encapsulation). Spring connector is making "e" type explosion-proof enclosure (increased safety). For through wiring modification housing is attached to a junction box with a mounting strap making "e" type explosion-proof enclosure (increased safety).

Optical part

Transparent or opal diffuser is made of impact-resistant polycarbonate. Led source: SMD.

EX Mark

1 Ex e mb II T6 Gb X/Ex tb IIIC Ta 80° Db X

Characteristics

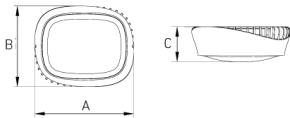
Zones: gas explosion protection – 1, 2; dust explosion protection – 21, 22. Terminal (base version): 3x1,5~2,5 mm² (L+N+PE). Terminal (through wiring modification): 4x1,5~4 mm² (L+N+PE). Earthing: internal and external (through wiring modification) , M4 (base version) and M5 (through wiring modification). CRI: 80. Color temperature: 5000 K.

Usage

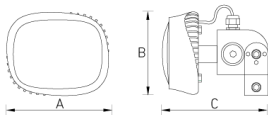
Oil and Gas



TITAN LED Ex



TITAN LED Ex JB



Models list

Title	Luminous flux	Power Capability	lm/W	Length	Width	Weight	Article no.
TITAN 12 LED Ex 5000K	1150 lm	12 W	96	155 mm	130 mm	0.660 kg	1670000250
TITAN 16 LED OPL Ex 5000K	1350 lm	15 W	90	155 mm	130 mm	0.660 kg	1670000170
TITAN 12 LED OPL Ex 5000K	1100 lm	12 W	92	155 mm	130 mm	0.660 kg	1670000160
TITAN 8 LED Ex 5000K	850 lm	9 W	94	155 mm	130 mm	0.660 kg	1670000240
TITAN 16 LED Ex 5000K	1400 lm	15 W	93	155 mm	130 mm	0.660 kg	1670000260
TITAN 8 LED OPL Ex 5000K	750 lm	9 W	83	155 mm	130 mm	0.660 kg	1670000150