... for explosion hazard environment group II, category 3 (zone 2, 22).

USE

The light fitting is suitable for the environment with a danger of explosion of gases, dust and combustible fumes. The light fittings meet the requirements European Community Directive No.2014/34/EC.

The light fitting is certified for the environment:
Ɛx II 3G Ex nA IIC T6 Gc
Ɛx II 3D Ex tc IIIC T85°C Dc

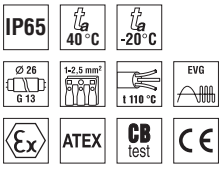
The basic requirements for safety and health protection are secured by the verification of conformity with the standards according to ČSN EN 60079-15, ČSN EN 60079-0 and ČSN EN 60079-31.

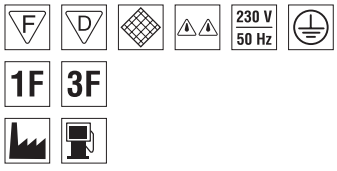
The light fitting is resistant to dust, moisture and spouting water. The body and the diffuser made of polycarbonate (PC) have the increased resistence against deformation and impact.

(It is necessary to consider exhalation in the air reducing the usability of the plastic at installations in an aggressive environment, see also page 205.)

ADVANTAGES

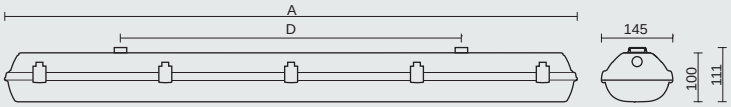
- Light fitting protection **IP65**
- Maximum ambient temperature **t_a = 40 °C**
- Diffuser: polycarbonate (PC) = high mechanical resistance
- Clips: stainless steel + polyamide
- Through-wiring of up to 10 wires at bodies
- Certification: **ATEX AR16ATEX024X**, CB

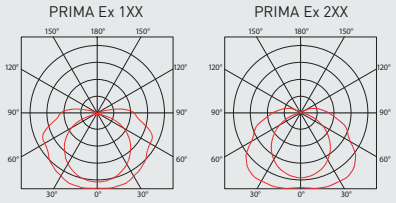




TECHNICAL DESCRIPTION

- Diffuser: transparent polycarbonate (PC), UV stable, impact-resistant
- Body: grey polycarbonate (PC), UV stable, impact-resistant
- Reflector: steel sheet, white colour (RAL 9003)
- Clips: stainless steel + polyamide + 15 % glass fibre
- Cable glands: screwed PG 13.5 ATEX
- Terminal block: screwless, three-pole incl. earthing tape & screw for a perfect connection (basic version)
- Distance part: polyamide + 10 % glass fibre, serves to suspend the reflector during assembly
- Installation: package contains stainless hooks and stainless brackets
- Electric equipment: electronic ballast T8, halogen-free wires with higher temperature resistance up to 110 °C, shake resistant lampholders
- Light fitting protection: IP65
- Maximum ambient temperature: t_a = 40 °C
- Minimum ambient temperature: t_a = -20 °C





Code	Type	Light sources [W]	Luminous flux [lm]*	Light fitting efficiency [%]	Net weight [kg]	A [mm]	D [mm]
	Diffuser made of transparent polycarbonate (PC) - electronic ballast - T8/G13						
39025	Ex 136 PCc E	1x36	3350*	81	2,5	1272	700
39035	Ex 158 PCc E	1x58	5200*	81	3,5	1572	940
39055	Ex 236 PCc E	2x36	6700*	72	2,6	1272	700
39065	Ex 258 PCc E	2x58	10400*	72	3,6	1572	940

* - total luminous flux of the light fitting with T8/840 sources at the temperature of 25 °C

Ex PCc E

Electronic ballast

Code	Type	1F	3F	M1h	M3h	3F M1h	3F M3h
39025	Ex 136 PCc E	39026	39085	x	x	x	x
39035	Ex 158 PCc E	39036	39095	x	x	x	x
39055	Ex 236 PCc E	39056	39086	x	x	x	x
39065	Ex 258 PCc E	39066	39096	x	x	x	x

Example of type marking: 39086 = Ex 236 PCc **3F** E

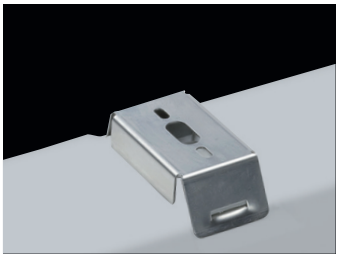
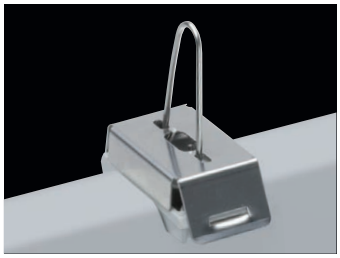
LEGEND

1F – 1 phase wiring cables for through-wiring
3F – 3 phase wiring cables for through-wiring
M1h – emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination
M3h – emergency back-up source with operating time of 3 hours (SA) for both permanent and emergency illumination

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) Suspension with the use of stainless hooks
c) Attachment with the use of side hangers to the wall

LIGHT FITTING DETAILED VIEW

Ex