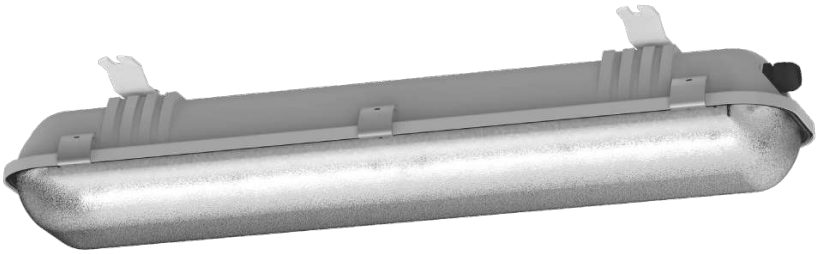
ProtecEx





3F | ATEX | ZONE 2,22 | IP66 | IP67 | EMERGENCY 3h

EX MARKING: II 3G Ex ec IIC T5 Gc
II 3D Ex tc IIIC T70°C Dc

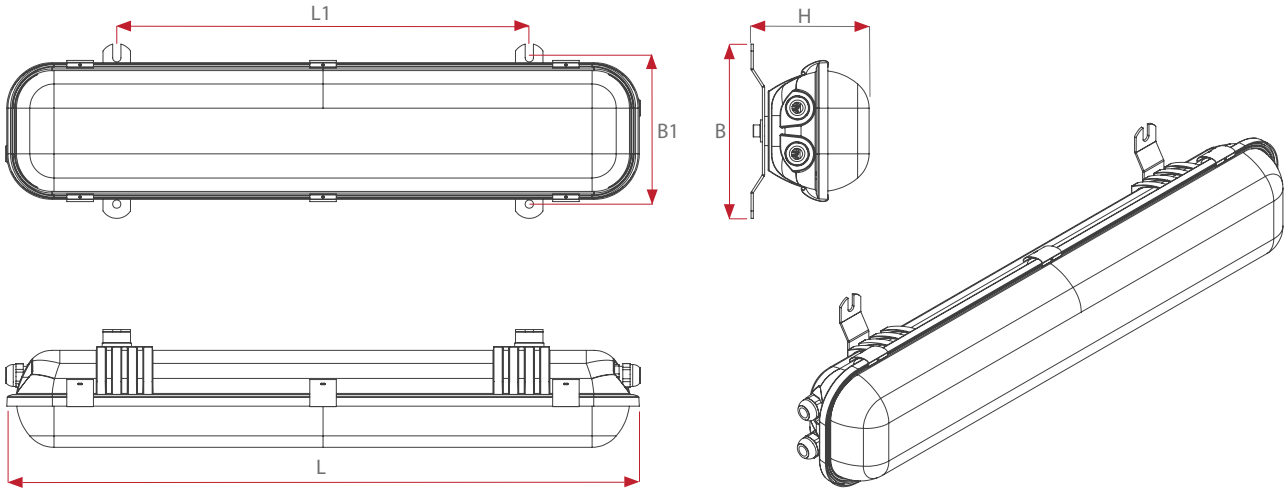
CERTIFICATES: OBAC 19ATEX0356X

Explosionproof light fitting with **LED modules** for suspended coffered ceilings or to be mounted on the ceiling surface. Designed to work in the zone **2.22** of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers.

Optional version with autonomous **A3** power source.

The luminaire is not intended for exposure to external weather conditions.

DIMENSIONS



TYPE	L [mm]	L1 [mm]	B [mm]	B1 [mm]	H [mm]	Weight [kg]
ProtecEx-S	700	450	190	160	129	~3,7
ProtecEx-M	1300	800	190	160	129	~5,4
ProtecEx-L	1600	1000	190	160	129	~6,2

TYPES COMPARSION

TYPE OF THE LIGHT FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMB. TEMP. [°C]
ProtecEx-S-1	2706	18,2	149	-25 ÷ +45
ProtecEx-S-2	3770	26,1	144	-25 ÷ +45
ProtecEx-M-1	5413	35,4	153	-25 ÷ +45
ProtecEx-M-2	7540	51,3	147	-25 ÷ +45
ProtecEx-L-1	6647	44,0	151	-25 ÷ +45
ProtecEx-L-2	9259	63,9	145	-25 ÷ +45

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FEATURES



MECHANICAL PARAMETERS

housing	fiber glass reinforced polyester (GRP)
diffuser	UV stabilised polycarbonate (PC)
ingress protection	IP66, IP67
protection class	I
mounting	on the surface with bracket
accessories	mounting accessories

ELECTRICAL PARAMETERS

2,5 mm²	connection terminals
220-240V, 0/50-60Hz	input voltage
intrisically safe LED modules	light source
>0,97	power factor
Ø20 *(wire 6-13mm)* Ø25 - *option (wire 9-17mm)*	cable inlets
L-N: 1kV L-PE: 2kV	overvoltage protection

WORK PARAMETERS

ambient temperature	-25°C to +45°C *check: types comparsion*
lifetime	>70.000h L_{80} B_{10}

PHOTOMETRICAL PARAMETERS

>80	CRI
4000K 5000K - *optionally* 6500K - *optionally*	colour temperature



As standard, the fixture is equipped with a 21 gland system (two glands on one side and one on the other side of the housing). This fixture can be used both as an end and a through (double-sided or single-sided).
The glands are equipped with sealing plugs and should be left in place if the glands are not used.

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