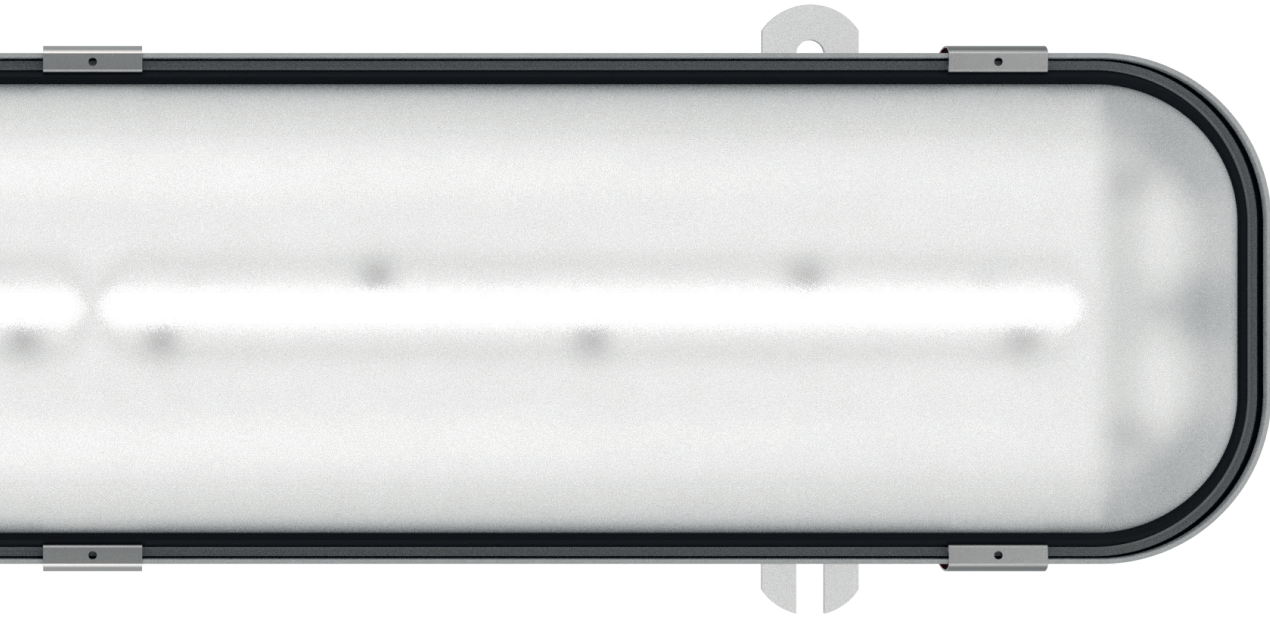
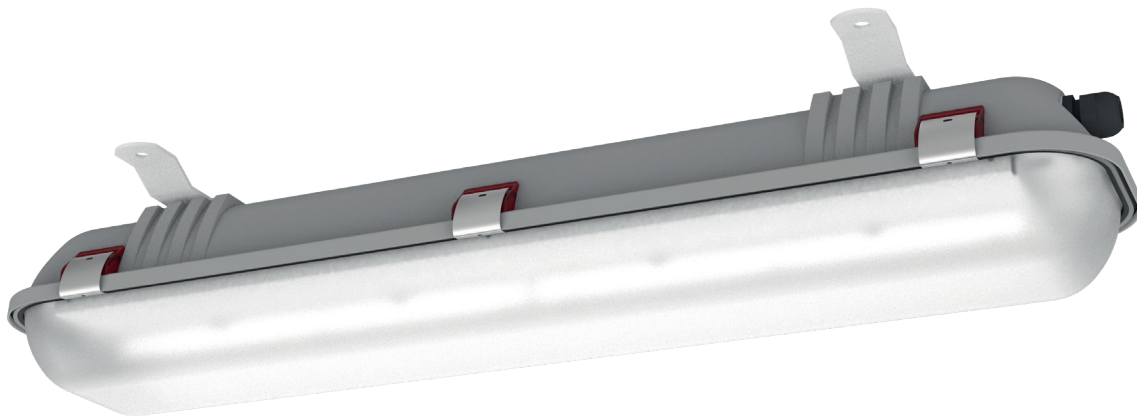


ZONE 1,21&2,22

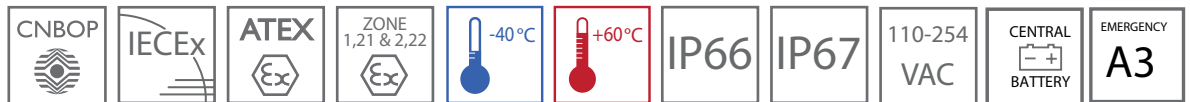


EXF250LED





KDB 15ATEX0049X
IECEX KDB 20.0003X



EX MARKING:

Ex II 2G Ex eb mb op is IIC T5 Gb
II 2D Ex tb op is IIIC T55°C Db or T70°C Db

EXEMPLARY APPLICATIONS



REFINERIES



OFFSHORE



CHEMICAL
PLANTS



CHEMICAL
WAREHOUSES



PASSAGeways
IN EX ZONES

Explosionproof light fitting with **LED modules** for suspended coffered ceilings or to be mounted on the ceiling surface. Designed to work in the zone **1.21 & 2.22** of the explosion hazard of gases, vapors and mists of flammable liquids with air, as well as of flammable dusts and fibers. The housing is made of powder coated steel or stainless steel.

Optional version with autonomous **A3** power source or **ZB** central battery.









Distributed by BOXCO AB, +46 8 580 210 10
info@boxco.se - www.boxco.se







FEATURES





MECHANICAL PARAMETERS

	housing	glass fibre reinforced polyester (GRP)
	diffuser	polymethyl methacrylate (PMMA) or UV stabilised polycarbonate
	ingress protection	IP66, IP67
	protection class	I
	mounting	on the surface or with connections
	accessories	mounting accessories

ELECTRICAL PARAMETERS

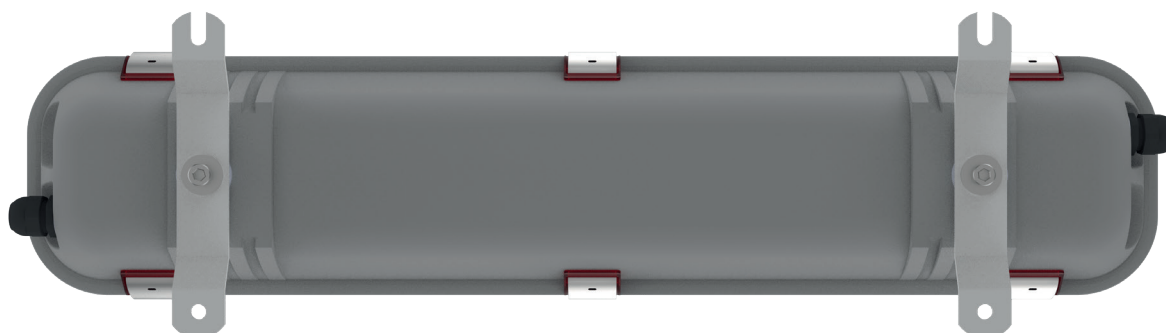
2,5 mm ²		connection terminals
110-254 VAC (50-60Hz), 220-250 VDC		input voltage
intrinsically safe LED modules		light source
>0,97		power factor
Ø20 or Ø25		cable inlets
2 kV		overvoltage protection

WORK PARAMETERS

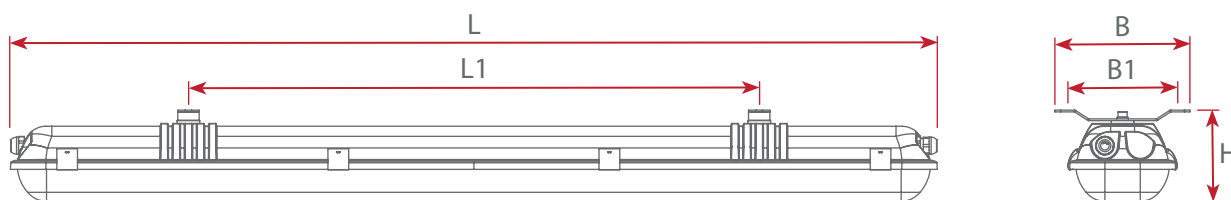
	ambient temperature	-40°C to +60°C <i>check: types comparison</i>
	lifetime	>70.000h L ₈₀ B ₁₀

PHOTOMETRICAL PARAMETERS

>80		CRI
6500K 4000K - option		colour temperature



DIMENSIONS



TYPES	L [mm]	L1 [mm]	B [mm]	B1 [mm]	H [mm]
EXF250LED-0600	700	450	190	160	129
EXF250LED-1200	1300	800	190	160	129

TYPES COMPARISON

VERSION HIGH OUTPUT (HO) +45°C

TYPE OF THE LIGHTING	LUMINOUS FLUX [lm]	POWER SUPPLY [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXF250LED-0600-F1	1869	21,2	87	45
EXF250LED-0600-F2	3816	38,6	100	45
EXF250LED-1200-F2	4104	38,6	104	45
EXF250LED-1200-F4	7753	78,1	100	45

VERSION HIGH TEMPERATURE (HT) +55°C

TYPE OF THE LIGHTING	LUMINOUS FLUX [lm]	POWER SUPPLY [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXF250LED-1200-G4	4840	47,0	106	55

VERSION HIGH TEMPERATURE (HT) +60°C

TYPE OF THE LIGHTING	LUMINOUS FLUX [lm]	POWER SUPPLY [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXF250LED-0600-G2	2566	25,3	102	60
EXF250LED-1200-G2	2468	25,3	98	60



Luminous flux tolerance +/- 10%

Power tolerance +/- 10%

The parameters given in the following data sheet has been determined for the temperature $T_a=25^{\circ}\text{C}$.

Luminous flux, light intensity distribution and efficiency has been tested on the basis of the standards EN ISO 17025:2005, norm series EN13032 and LM-79.

The actual data and General Warranty Conditions are available on our website www.atmlighting.pl

OPTIONAL VERSIONS



Emergency power module:

Version with 3h emergency power module. The possibility of work above 0°C .

MEAN EMERGENCY MODE LUMINOUS FLUX

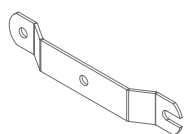
TYPE OF THE FITTING	VERSION A3 [lm]
EXF250LED-0600-F1	88
EXF250LED-0600-F2	179
EXF250LED-0600-G2	121
EXF250LED-1200-F2	193
EXF250LED-1200-F4	193
EXF250LED-1200-G2	116
EXF250LED-1200-G4	227



Central battery:

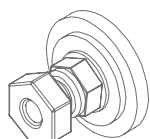
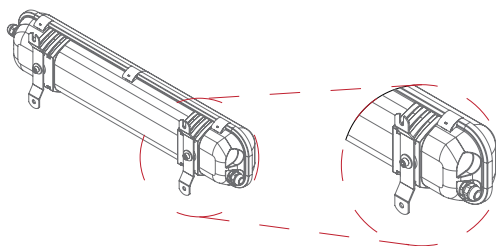
Version with a driver for central battery.

MOUNTINGS



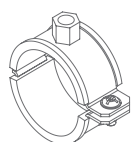
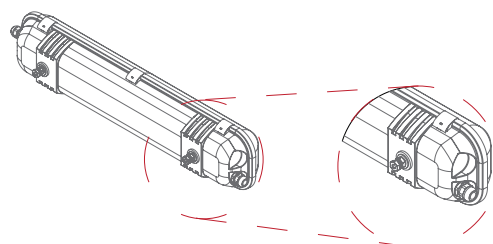
AMO1

standard mounting bracket made of 1.5mm thick steel, mounting hole spacing 190mm



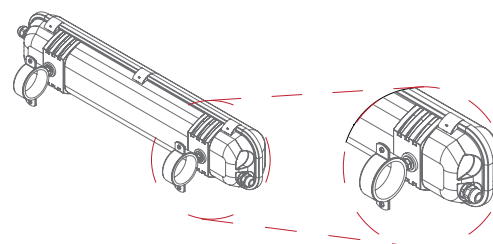
BK

standard bolt kit made to install the light fitting on the thin surfaces or the cable trays



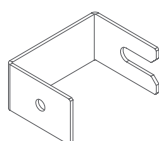
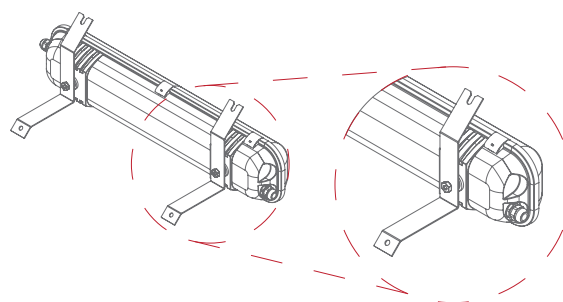
AMO3

stainless steel hoop for pipe of diameter 60-63mm (Other sizes as option)



AMO4

bracket for installation at 45°



AMO5

68mm distance bracket

