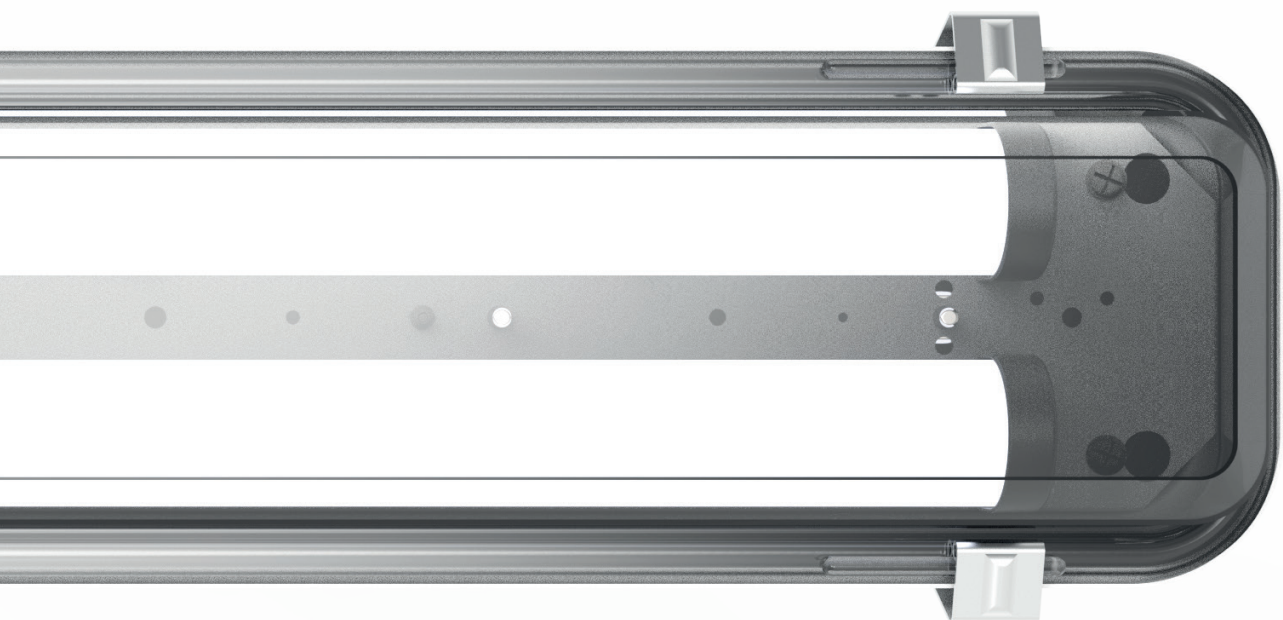


ZONE 21&2,22



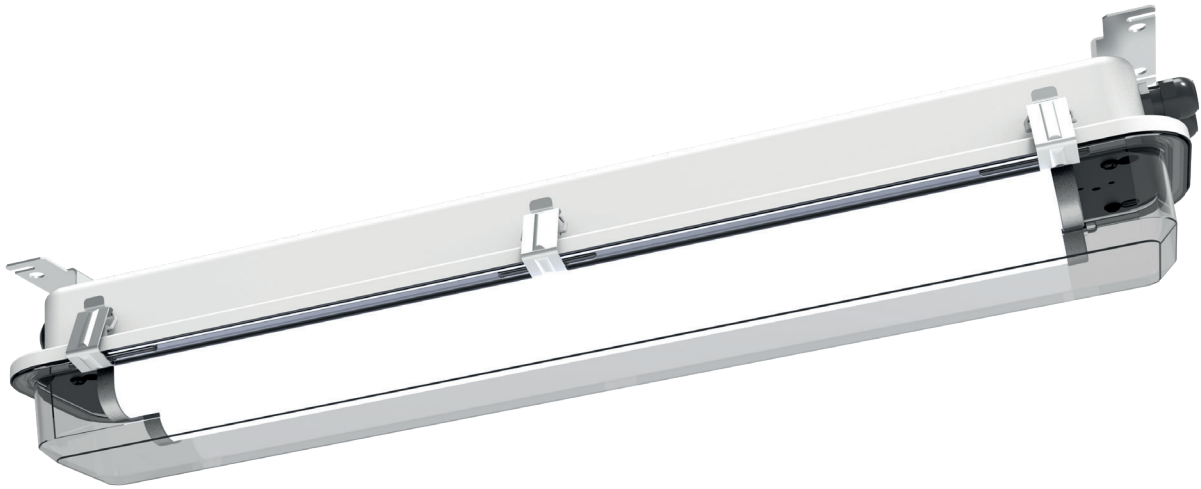
EXL3 IOLED



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KDB 15ATEX0049X
IECEX KDB 20.0003X



EX MARKING:

Ex II 3G Ex ec op is IIC T4 Gc
II 2D Ex tb op is IIIC 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 **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.

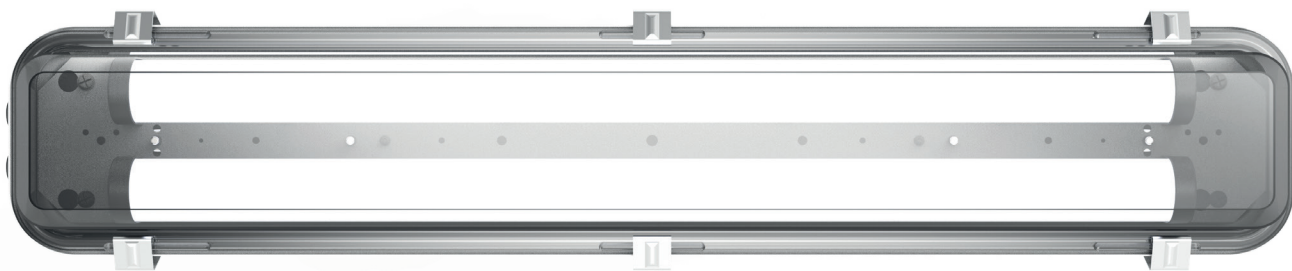


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FEATURES





MECHANICAL PARAMETERS

	housing	powder coated stainless steel
	diffuser	UV stabilised polycarbonate
	ingress protection	IP66, IP67
	protection class	I
	mounting	on the surface with connections
	accessories	mounting accessories

ELECTRICAL PARAMETERS

2,5 mm ²		connection terminals
230V, 0/50-60Hz		input voltage
intrinsically safe LED modules		light source
>0,97		power factor
Ø20 or Ø25		cable inlets
2 kV		overvoltage protection

WORK PARAMETERS

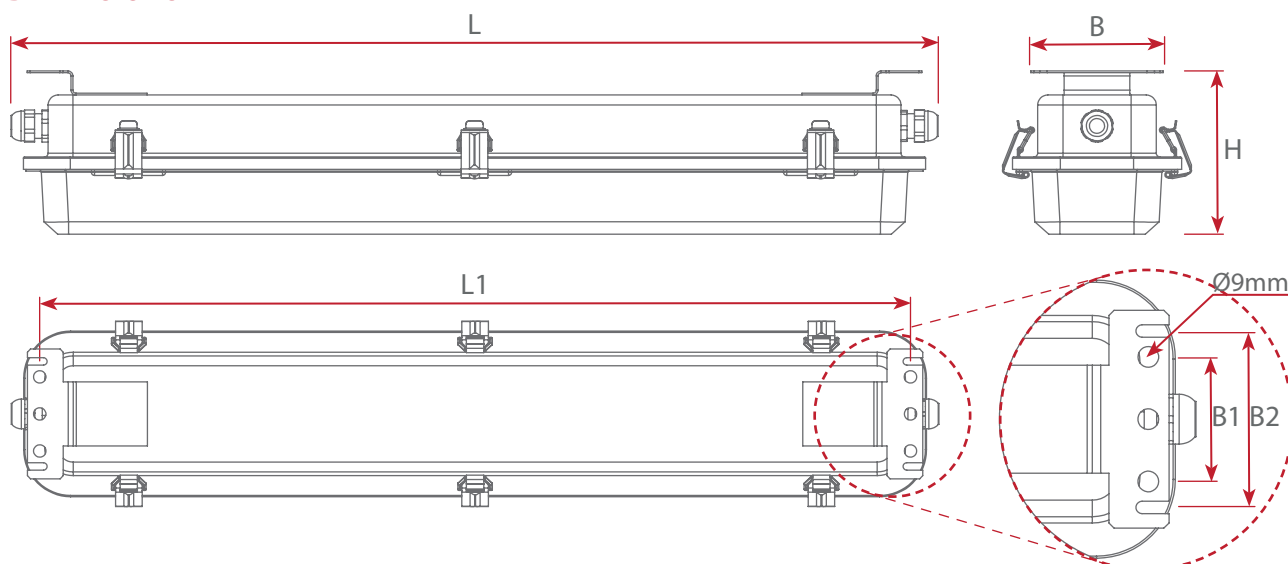
	ambient temperature	-40°C to +50°C <i>check: types comparsion</i>
	lifetime	>70.000h L ₈₀ B ₁₀

PHOTOMETRICAL PARAMETERS

>80		CRI
4000K		colour temperature



DIMENSIONS



TYPE	L [mm]	L1 [mm]	B [mm]	B1 [mm]	B2 [mm]	H [mm]
EXL310LED-0600	730	704	150	60	85	134
EXL310LED-1200	1340	1314	150	60	85	134

TYPES COMPARISON

TYPE OF THE FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	MAX. AMB. TEMP. [°C]
EXL310LED-0600-E2	2611	17,4	150	50
EXL310LED-0600-E4	5051	33,4	151	50
EXL310LED-1200-E4	6105	40,4	151	50
EXL310LED-1200-E8	9872	65,7	150	50



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

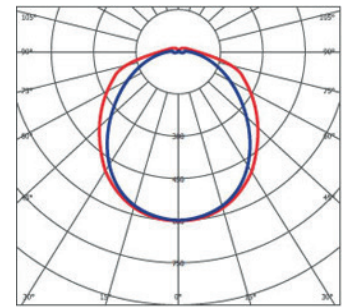
TYPE OF THE FITTING	VERSION A3 [lm]	VERSION ZB [lm]
EXL310LED-0600-E2	461	1305
EXL310LED-0600-E4	509	2525
EXL310LED-1200-E4	507	3052
EXL310LED-1200-E8	579	4936



Central battery:

Version with a driver for central battery.

PHOTOMETRY



CONFIGURATION

group	0 6 0 0	E	2	4	30	10	M	25	20	NIRO	PC	A3
explosionproof light fittings	1 2 0 0		4	5	33	11	P					ZB
type			8		50	20*						
type 310					55	21*						
source of light					70	22*						
LED modules					77							
approximate length												
~ 600mm, 1200mm												
LED module type												
LED modules quantity												
power supply												
34E - 230V, 50+60Hz												
35E - 230V, 0/50+60Hz												
wiring												
30 - single 3-pole terminal					→ 3							
33 - double 3-pole terminal					→ 3 3							
50 - single 5-pole terminal					→ 5							
55 - double 5-pole terminal					→ 5 5							
70 - single 7-pole terminal					→ 7							
77 - double 7-pole terminal					→ 7 7							
cable inlets - quantity												
10 - one cable inlet on the side of the housin					→ 1 0							
11 - one cable inlet on both sides of the housing					→ 1 1							
20 - two cable inlets on one side of the housing					→ 2 0							only for M25 and P25
21 - two cable inlets on one side and one on the another					→ 2 1							only for M25 and P25
22 - two cable inlets on both sides of the housing					→ 2 2							only for M25 and P25
cable inlets - material												
M - metal												
P - plastic												
cable inlets - size												
20 - Ø20												
25 - Ø25												
housing material												
NIRO - powder coated stainless steel												
diffuser material												
PC - UV stabilised polycarbonate												
emergency versions												
A3 - version with 3h emergency power module available only with 34E power supply (250V, 50-60Hz). Works in the temperature above 0°C.												
Configuration 11P20 is NOT available for the emergency version 0600...A3												
ZB - version with driver for central battery												
DA - version with DALI control system												

DOWNLOADS

