ZONE 21&2,22





EXL2I0LED





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lighting





EX MARKING:



CERTIFICATES:

ATEX: EN-60658-2-22: HYGIENIC: KDB 15ATEX0049X CNBOP No. 3549/2019 Polish NIH

EXEMPLARY APPLICATIONS



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, ZB central battery or with DALI ballast DA.



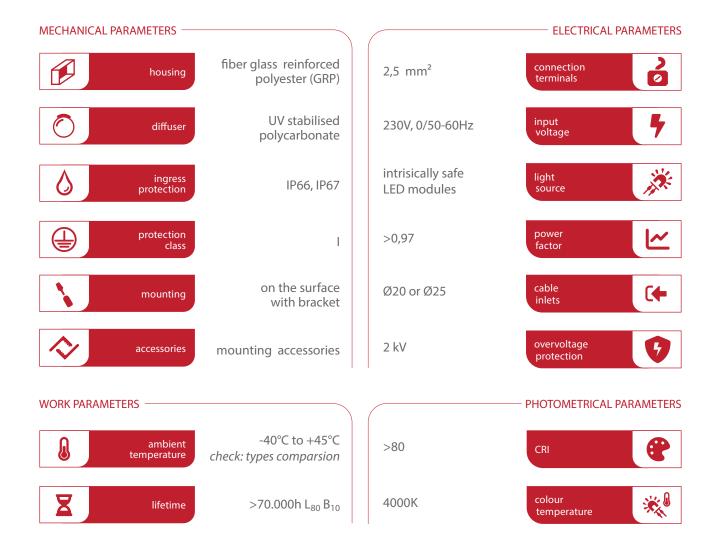


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- FEATURES



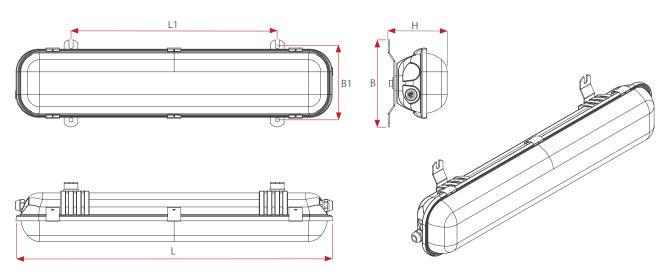






EXPLOSIONPROOF LIGHT FITTINGS

DIMENSIONS -



TYPE	L [mm]	L1 [mm]	B [mm]	B1 [mm]	H [mm]
EXL210LED-0600	700	450	190	160	129
EXL210LED-1200	1300	800	190	160	129
EXL210LED-1500	1600	1000	190	160	129

TYPES COMPARSION -

TYPE OF THE LIGHT FITTING	LUMINOUS FLUX [lm]	POWER CONSUMPTION [W]	EFFICIENCY [lm/W]	AMB. TEMP. [°C]
EXL210LED-0600-E2	2750	16,2	170	-40 ÷ +45
EXL210LED-0600-E4	5486	31,5	174	-40 ÷ +45
EXL210LED-1200-E4	6450	38	170	-40 ÷ +45
EXL210LED-1200-E8	10925	62,2	176	-40 ÷ +45
EXL210LED-1500-E6	8207	46,9	175	-40 ÷ +45



Luminous flux tolerance +/- 10% Power tolerance +/- 10%

The parameters given in the following data sheet has been determined for the temperature Ta=25°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 possibilitty of work above 0°C.

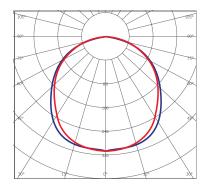
MEAN EMERGENCY MODE LUMINOUS FLUX

TYPE OF THE FITTING	VERSION A3 [lm]	VERSION ZB [lm]
EXL210LED-0600-E2	836	1375
EXL210LED-0600-E4	812	2735
EXL210LED-1200-E4	796	3225
EXL210LED-1200-E8	808	5470
EXL210LED-1500-E6	780	4103



Central battery: Version with a driver for central battery.

PHOTOMETRY -





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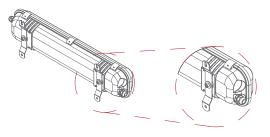
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MOUNTINGS



AMO1

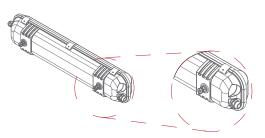
standard mounting bracket made of 1.5mm thick steel, mounting hole spacing 190mm





BK

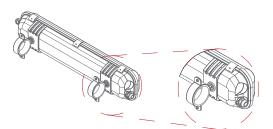
standard bolt kit made to install the light fitting on the thin surfaces or the cable trays





AMO3

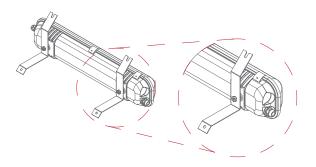
stainless steel hoop for pipe of diameter 60-63mm





AMO4

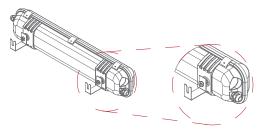
bracket for installation at 45°





AMO5

68mm distance bracket





CONFIGURATION -

EXL210LED-	Е		-34E	-	-		20	- GRP	- PC	-
0600		2	5	30	10	Μ	25			A3*
group explosionproof 1 2 0 0		4		33	11	Р				ZB
light fittings type 1 5 0				40	20*					ZBT*
type 210		6								
light source LED modules		8		44	21*					ZBC*
approximate length				50	22*					ZBD*
~ 600mm, 1200mm, 1500mm				55						ZBS*
LED module type				60						ZBR^*
LED module quantity				66						ZBH*
power supply 34E - 230V, 50÷60Hz				70						ZBM*
35E - 230V, 0/50÷60Hz				77						DA
wiring 30 - single 3-pole terminal \rightarrow 3				80						
33 - double 3-pole terminal \rightarrow 3 3 40 - single 4-pole terminal \rightarrow 4										
44 - double 4-pole terminal 50 - single 5-pole terminal 5				88						
55 - double 5-pole terminal \rightarrow 5 5 $\overline{5}$ $\overline{5}$										
66 - double 6-pole terminal <u>66</u> 70 - single 7-pole terminal <u>7</u>										
77 - double 7-pole terminal -> 7 7 - 80 - single 8-pole terminal -> 8										
88 - double 8-pole terminal ->8 8										
cable inlets - quantity										
10 - one cable inlet on the side of the housing11 - one cable inlet on the both sides of the housing		* *								
20 - two cable inlest on the one side of the housing 21 - two cable inlets on the one side and one on the a	nother				la M25 i la M25 i					
22 - two cable inlets on the both sides of the housing		*			la M25 i l					
cable inlets - material M - metal										
P - plastic										
cable inlets - size										
25 - Ø25										
housing material										
GRP - poliester wzmacniany włóknem szklanym (GRP)										
diffuser material PC - UV stabilised polycarbonate										
emergency versions	blaar		245 00000	upply (1	501/ 50	6011-1	Mod	in the tors	oraturo -l	0°C
A3 - version with 3h emergency power module available only with 34E power supply (250V, 50-60Hz). Works in the temperature above 0°C. ZB - version with driver for central battery - without switching module, required wiring 30 or 33.							JUVE U-C.			
ZBT - version with driver for central battery - with switching module TM-AM, required wiring 60 or 66, 80 or 88 (for DALI). ZBC - version with driver for central battery - with switching module V-CG-S 4-400W, required wiring 30 or 33.										
ZBD - version with driver for central battery - with switching module V-CG-SE 4-400W, required wiring 50 or 55. ZBS - version with driver for central battery - with switching module MSU 35, required wiring 50 or 55.										

ZBR - version with driver for central battery - with switching module MU05, required wiring 60 or 66. ZBH - version with driver for central battery - with switching module MAPS-01, required wiring 80 or 88. ZBM - version with driver for central battery - with switching module LMP-1, required wiring 50 or 55.

DA - version with DALI ballast, required wiring 50 or 55.

* - the fixture in the emergency modules A3/ZBT/ZBC/ZBD/ZBS/ZBR/ZBH/ZBM have been designed to work in EX zone 2,22 and have EX marking: II 3G Ex ec IIC T5 Gc, II 3D Ex tc IIICT60° Dc, the fixture with A3 emergency module has been designed to work in ambient temperature from 0°C up to +45°C.







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