

ES EXF400LED

Use:

Explosion-proof luminaire for illuminating areas where gases, vapours, dusts and fibres are explosive.

Zone 1/21
Zone 2/22



II 2G Ex eb mb op is IIC T5 Gb
II 2D Ex tb op is IIIC T85°C Db



CE	110-254 V AC 50-60 Hz	220-250 V DC 0 Hz	IP67 IP66	CRI: >80 >70.000H L80B10
LED	4000K 6500K (optional)		ATEX	Ta - 40°C ÷ +55°C
Carton (mm/ks):			740 x 210 x 195 / 1 1340 x 210 x 195 / 1	



Technical description:

The housing is made of aluminum and the diffuser is made of polycarbonate or tempered glass. Bracket made of stainless steel. Maximum wire cross-section 2,5mm².

Installation:

On the ceiling or on the wall with use of mounting brackets, see below.

Power supply 220-240V, 0/50-60Hz (35E)

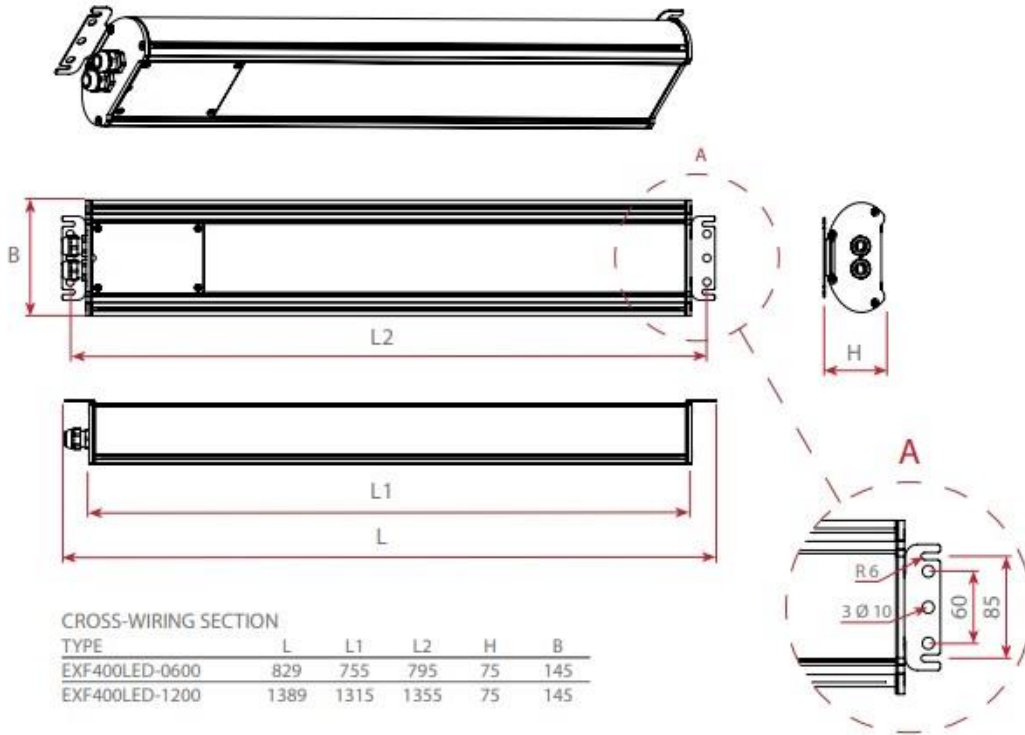
Type	Power input [W]	Luminous efficiency [lm/W]	Luminous flux [lm]	Ambient temperature
ES EXF400LED-0600-FB1-1	16	129	2022	-40°C to + 55°C
ES EXF400LED-0600-FB1-2	19	131	2427	-40°C to + 55°C
ES EXF400LED-0600-FB1-3	21	133	2831	-40°C to + 55°C
ES EXF400LED-0600-FB2-1	30	130	3827	-40°C to + 55°C
ES EXF400LED-0600-FB2-2	35	132	4593	-40°C to + 55°C
ES EXF400LED-0600-FB2-3	41	132	5358	-40°C to + 55°C
ES EXF400LED-1200-FB2-1	30	136	4036	-40°C to + 55°C
ES EXF400LED-1200-FB2-2	35	138	4844	-40°C to + 55°C
ES EXF400LED-1200-FB2-3	41	139	5651	-40°C to + 55°C
ES EXF400LED-1200-FB4-1	58	133	7625	-40°C to + 55°C
ES EXF400LED-1200-FB4-2	68	135	9150	-40°C to + 55°C
ES EXF400LED-1200-FB4-3	80	134	10675	-40°C to + 55°C

Power supply 110-254V, 50-60Hz; 220-250V, 0Hz (25E)

Type	Power input [W]	Luminous efficiency [lm/W]	Luminous flux [lm]	Ambient temperature
ES EXF400LED-0600-FB1	25	120	2993	-40°C to + 55°C
ES EXF400LED-0600-FB2	45	126	5664	-40°C to + 55°C
ES EXF400LED-1200-FB2	45	133	5974	-40°C to + 55°C
ES EXF400LED-1200-FB4	90	126	11285	-40°C to + 55°C

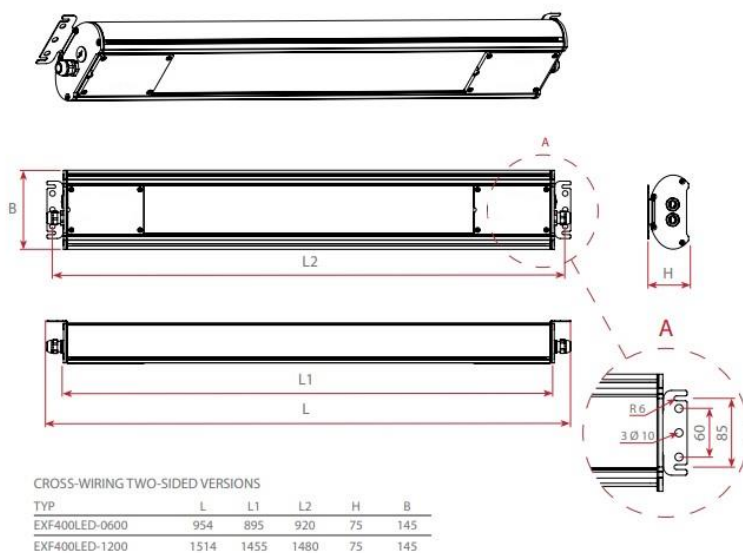
Dimensions: cross-wiring section

Type	L	L1	L2	H	B
ES EXF400LED-0600	829	755	795	75	145
ES EXF400LED-1200	1389	1315	1355	75	145

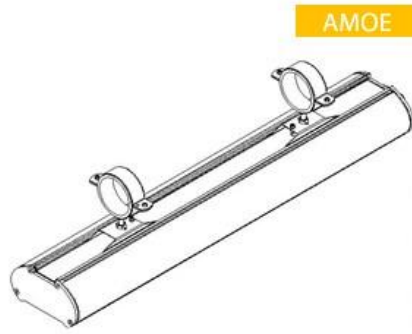


Dimensions: cross-wiring two-sided version

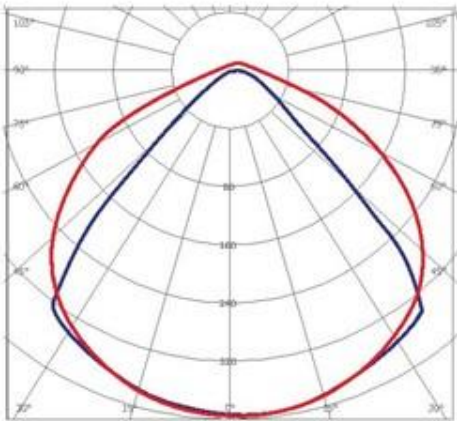
Type	L	L1	L2	H	B
ES EXF400LED-0600	954	895	920	75	145
ES EXF400LED-1200	1514	1455	1480	75	145



Mountings:



Photometry:



Configurations:

ES EXF400LED – ¹-**FB** ²- ³- **E** ⁴- ⁵- ⁶ ⁷ ⁸-**ALU** ⁹- ¹⁰- ¹¹

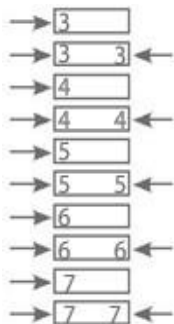
¹ Approximate length: 600mm nebo 1200mm

² LED modules quantity: 1,2 nebo 4

³ Driving version: 1,2 nebo 3

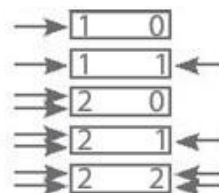
⁴ Power supply: 25E – 110-254, 50-60Hz, 220-240Hz
35E – 230V, 0/50-60Hz

⁵ Wiring: 30 - single 3-pole terminal
33 - double 3-pole terminal
40 - single 4-pole terminal
44 - double 4-pole terminal
50 - single 5-pole terminal
55 - double 5-pole terminal
60 - single 6-pole terminal
66 - double 6-pole terminal
70 - single 7-pole terminal
77 - double 7-pole terminal



⁶ Cable inlets - quantity:

10 - 1 cable inlet on the one side of the housing
11 - 1 cable inlet on each side of the housing
20 - 2 cable inlets on the one side of the housing
21 - 2 cable inlets on the one side of the housing and 1 on the another
22 - 2 cable inlets on each side of the housing



⁷ Cable inlet – material: M – metal
P – plastic

⁸ Cable inlet - size: 20 - \varnothing 20
25 - \varnothing 25

⁹ Diffuser material: GL – tempered glass
PL - polycarbonate

¹⁰ Emergency versions:

ZB – version with driver for central battery
DA – version equipped with integrated power supply unit

¹¹ Mounting: AMOA, AMOB, AMOC a AMOE

