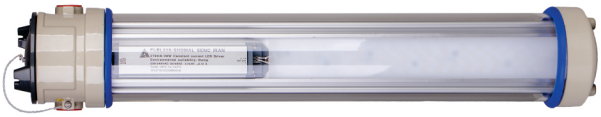
C1

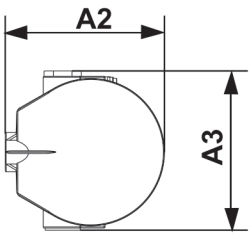


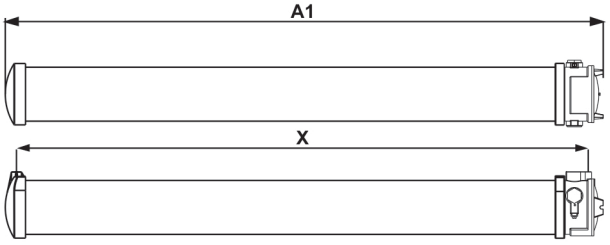
Ex LED Lighting Fixture

FLB L 220

Zone 1,2,21,22

TECHNICAL DATA	
Type	FLB L 220
Marking	Ⓔx II 2G Ex db op is IIC T6 Gb Ⓔx II 2D Ex op is tb IIIC T85˚C Db
Standards	EN 60079-0:2012; EN 60079-0:2012/A11:2013; EN 60079-1:2014; EN 60079-28: 2015;EN 60079-31:2014
EU-type Examination Certificate No.	IMQ 20 ATEX 001X
Degree of protection	IP66
Enclosure material	Aluminum
Enclosure color	Grey RAL7032 (body), RAL7043 (cover)
Protective cover / bowl	Borosilicate glass
Permissible ambient temperature	-30˚C to +55˚C
Light Source	LED Board
Power Support	220VAC∼ 240VAC
Rated Frequency	50/60 Hz
LED Power	28W
Color Temperature	Neutral white-5000K
Power factor	>0.95
Over-Voltage protection	2kV
Rated Current	∼ 0.12 A
EMC Protection	Yes
Connection	Direct connection to terminal L,N,PE.
Earth stud	M5 External and internal earth connections
THD(total harmonic distortion)	<8%
Circuit / Performances	Electronic driver / Constant current , Over Voltage protection, Over current protection, Short circuit protection-output Current ripple LF <5%
Starting time(at 230 V, 50Hz)	1s
Fixture lifetime	60.000 hours
Rated luminous flux of the luminare	3895 Lm
Entries	Direct Entries, 2 x ¾" NPT (Metric thread are available on request by adaptor)
Ordering Details:	• External reflector • Wire guard • Cable gland • Installation kit for surface, pole, ceiling and suspension mounting • Through wiring system • Emergency battery pack • Exit sign(green-white)





Type	Lamp	Weight approx.
FLB 220	22 W	5.2 kg

Type	A1	X	A2	A3
FLB 220	736	579	148	141

All information may be revised or changed by SHOMAL at anytime without prior notice or explanation.