



LED AND FLUORESCENT Ex LUMINAIRE

FLBL 220 (LED lighting source)
with additional type of protection “op is”

TECHNICAL DATA

Type	FLBL 220
Marking	II 2G Ex db op is IIC T6 Gb II 2D Ex op is tb IIIC T85°C Db
Standards	EN 60079-0:2018; EN 60079-1:2014; EN 60079-28:2015; EN 60079-31:2014
EU-Type Examination Certificate No.	IMQ 20 ATEX 001X
Degree of Protection	IP 66
Enclosure Material	Cooper Free Aluminum
Enclosure Color	Grey RAL 7032 (Body), RAL 7043 (Cover)
Protective Cover/Bowl	Borosilicate Glass
Permissible Ambient Temperature	-30°C to +55°C
Entries	Direct Entries, 2* M20 (Other threads are available on request)
Weight	Approx. 5.9 kg
Mounting Type	Galvanized steel pole mounting bracket suitable for pipe 1 ½ with necessary galvanized steel bolts and nuts (Other mounting brackets are available on request)
Earth Stud	External M5 Earth Stud
Rated Voltage	220-240 VAC
Power Factor	> 0.95
Power Consumption(± 10 %)	28 W
Frequency	50/60 Hz
Rated Current	125 mA
EMC Protection	Yes
Over-Voltage Protection:	2.5 KV
Starting Time (at 230 V,50 Hz)	0.8 S
Connecting Terminal	SERIES 166ST/BU (L, N, PE) 0.5mm ² - 2.5mm ² 3 pole 16A single plugs & sockets
Rated luminous flux of the luminary	3800 Lm
Light Source	LED Board
Color Temperature	Neutral White (5000K)
Color Rendering Index	RA> 80
Light Angel	120
Operating Condition	Indoor/Out door
Replacement for	2 x 18 W Fluorescent Light Fixture
Lifetime	60.000 Hours

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

