



LED AND FLUORESCENT Ex LUMINAIRE

FLB 220 (Fluorescent source type)

TECHNICAL DATA

Type	FLB 220
Marking	II 2G Ex db IIC T6 Gb II 2D Ex tb IIIC T85°C Db
Standards	EN 60079-0:2018; EN 60079-1:2014; 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. 5.4 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	220/240VAC
Power Factor	> 0.95
Power Consumption(+ 10 %)	36 W
Frequency	50/60 Hz
Rated Current	0.16 A
EMC Protection	Yes
Over-Voltage Protection:	2.5 KV
Starting Time (at 230 V,50 Hz)	1.8 S (Warm Start)
Connecting Terminal	SERIES 166ST/BU (L, N, PE) 0.5 mm ² - 2.5 mm ² 3 pole 16A single plugs & sockets
Lamp Cap	G13: for T8 Bi-Pin lamps according to IEC 60081
Light Source (Lamp)	T8 Bi-Pin Fluorescent Tubes
Light Source (Ballast)	Electronic Ballast (EEI A2)
Operating Condition	Indoor/Out door

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