LED AND FLUORESCENT Ex LUMINAIRE

FLBL-NI 240
(LED lighting source with emergency service on LED module)
with additional type of protection "op is"

TECHNICAL DATA

Type	FLBL-NI 240
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	0°C to +45°C
Entries	Direct Entries, 2* M20 (Other threads are available on request)
Weight	Approx. 9.5 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 %)	42 W
Frequency	50/60 Hz
Rated Current	185 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) 0.5 mm 2 - 2.5 mm2 3 pole 16A single plugs & sockets
Rated luminous flux of the luminary	6500 Lm
Light Source	LED Board
Color Temperature	Neutral White (5000k)
Color Rendering Index	RA> 80
Light Angel	120

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TECHNICAL DATA	
Operating Condition	Indoor/Out door
Replacement for	2 x 36 W Fluorescent Light Fixture
Lifetime	60.000 Hours
Battery	3.6V Ni Cd 1100 mAh
Rated Duration	3 h
Charging Time	18 h