x-Glo

Exm RANGE - Data Sheet

mb-F2010B-AC48V-84-G-fffM-gggW

DESCRRIPTION	DATA
Part Number	mb-F2010B-AC48V-84-G-fffM-gggW
LED Chip	SMD2835
LED Configuration	84 LED's spaced evenly over a meter length
IP Rating	67
Internal PCB Length	500mm each
Maximum run Length(fed from one end only)	20 meters
Power Consumption per Metre	10 Watts
Colour Temperature	Green
Operating Temperature Range	-30 degree C to +40 degree C
Lumens per Meter	670
Power Factor	1.0
Strip Light Voltage	48vAC
In Built Protection	Short Circuit, Over Voltage, Over tempreture, Over current
Power Supply spec	Must comply with EN 61347-2-13
Supply Voltage input to DC power supply	100 - 265 VAC or 180 – 525VAC dependent on model selected
Strip Light Extrusion material	Food grade silicon
Connection Cable	Silicon with 18AWG wire 2 core
Dimension	20mm wide 10mm high
Min Bending diameter	300mm
Electrical Protection Certification	ATEX, IECEx, MASC, VELES - Sub surface Zones 21&22 Equipment Protection level Mb, Surface gas zones 1&2 Gas group IIC ATEX/IECEx Certification Breakdown: Ex 1 M2 Ex ma op is 1 Mb Equipment group 1 for use in sub surface and surface mining areas that may have firedamp and/or combustible dust.
Low Voltage Device Certification	CE to EN60598 & EN62493
EMC Compliance Certification	EN55015, EN61547, EN61000,
RoHS Compliance	EU 2015
Silicon Material Compliance	German Food Standard, US FDA, EN14372 & 14582, US EPA, California Proposition 65, European Chemical agency
Fire Retardancy and Toxicity Certification	Firelab tested to DEFSTAN (NES 713) and SANS 10177
Installation Details	As per x-Glo Exm Instruction Manual
Lifespan	50,000 hours plus
Warranty	60 months from month of manufacture subject to warranty conditions