



Electroflame (PTY) LTD

Design | Manufacture | Supply
Ex Equipment



Surface

P23 LED TUBE FITTING

Application

This LED tube fitting is used for general lighting in Zone 2, 21 and 22 areas.

Construction

The molded polycarbonate body and prismatic diffuser form a very neat streamlined housing. Flush mounted polycarbonate clips, which are opened using a flat screw driver, exert even pressure to a gasket to ensure a dust and moisture-proof seal.

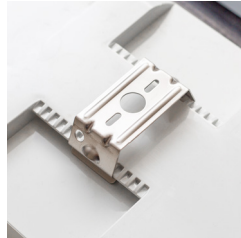
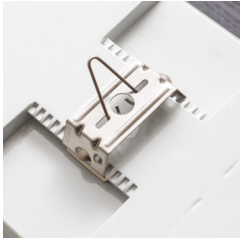
Inside the housing is a white powder coated gear tray to which the tombstone lamp holders and electrical connectors are mounted. Two Ex approved LED tubes are inserted inside the lamp holders. Optional batteries and inverter can be included to allow for emergency backup operation.



Technical Data



Two stainless steel mounting brackets are included which clip onto the back of the fitting. Optional stainless steel hanging clips can be used to hang the fitting from a catenary cable.

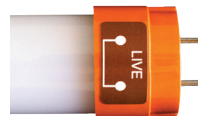


LED Tubes (Diotubes)

Each sealed tube has an input to output isolated and fused electronic driver connected to a string of reliable 5000K Samsung Led's. The Led's are mounted to a heat conductive aluminium board and configured to operate below 50V.

Dual Side Connection

The standard configuration has both pins on one side connected to Live and both pins on the opposite side connected to Neutral. This gives added spark protection under vibration and halves the current per pin contact. This configuration is fitted with the orange end caps.



Single Side Connection

On request, the lamp can be configured to have Live and Neutral connected to two pins on one side with the opposite end cap not electrically connected. This configuration is fitted with white end caps.





Certification

- Ex nA IIC T5 Gc
- Ex tb IIIC T85°C Db IP65

IA Number: MASC S/22-2367X

Electrical Specification

- Input voltage: 100 - 265VAC
- Wattage: 18W per lamp

Order Information

Description

- Single tube fitting
- Single tube 100% Emergency fitting
- Single tube 20% Emergency fitting

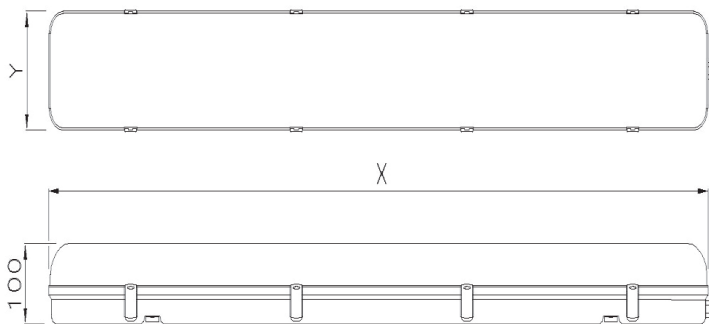
- Double tube fitting
- Double tube 100% Emergency fitting
- Double tube 20% Emergency fitting

Part Number

- AMP23-410
- AMP23-410-E1
- AMP23-410-E2

- AMP23-420
- AMP23-420-E1
- AMP23-420-E2

Fittings with power on one end (white end caps) available on request.



Dimensions

SINGLE TUBE

- X = 1270mm, Y = 100mm

DOUBLE TUBE

- X = 1270mm Y = 160mm

PLEASE NOTE:

Due to technical variances and changing technology, details are subject to change without prior notice