MOFLASH SIGNALLING

X700



Overview

VISUAL SIGNALS - INDUSTRIAL & MARINE - XENON BEACONS

The X700 series is suitable for Industrial & Marine signalling applications where a more powerful visual signal is required. These Beacons are of the **flashing mode** type (single stage alarm). Xenon Beacons (sometimes called strobes) are controlled via a PCB and put out a brief, but a very bright flash of white light by ionizing and then discharging a large current through Xenon gas. The product is designed to work both independently or as part of a synchronized string of Beacons (maximum of 10 in a string).

The design also incorporates a fault check mode when used in a synchronous string. This will show as a positive signal on the line, and the string will stop flashing. Possible faults are Power failure, Synchronization failure, Capacitor failure or Tube failure. The product also offers a choice of **four flash rates and two power settings**, which are selectable via a four-way DIP Switch located on the PCB. Termination is via conduit knockouts located on all four sides of the Base and can incorporate M16 up to M32 Cable Glands. Termination is made to the PCB inside the enclosure.

Features

- Continuously rated
- Flashing
- Suitable for surface or wall mounting
- Flash Synchronisation
- Multiple functionality
- 180° light output above the vertical axis
- For use in industrial and marine applications
- Available in 230vAC

Material

- UV Stable Polycarbonate Lens UL94 HB
- UV Stable Polycarbonate Base 746C 5”

*Flashes Per Minute

IP 66/67

Xenon 15J/7.5J

12, 30, 60 or 120 FPM*

-25 to +45°C

50/60Hz

APPROVALS & CONFORMITIES

ISSUE 1

uksales@moflash.co.uk
moflashkm@moflash.com
exportsales@moflash.co.uk
UK +44(0)121 446 5322
FR +33(0)1 70 72 12 71
11 Upper Conybere Street
Highgate, Birmingham
B12 0EB, England
www.moflash.com

Ordering Information

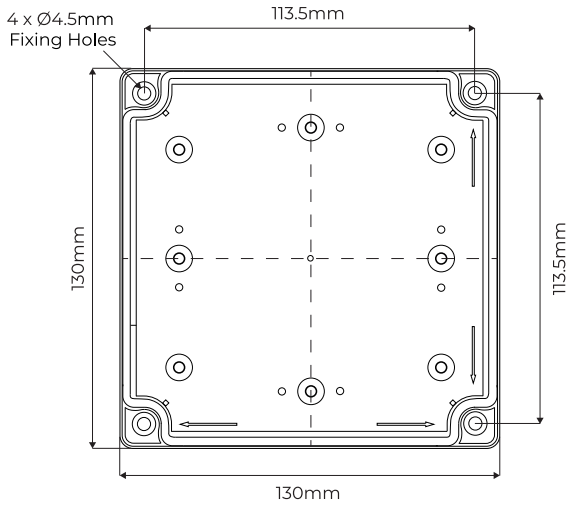
Voltage	Ordering Information			
Nominal Voltage	Amber	Red	Green	Clear
230vAC	X700-22-01	X700-05-02	X700-05-04	X700-05-05

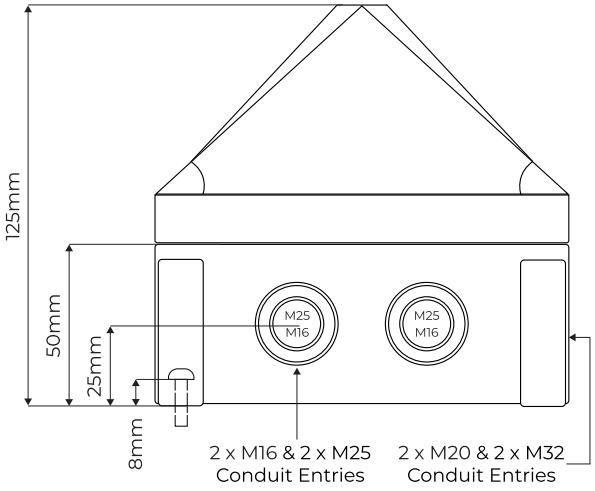
Voltage	Mode & Current Consumption			
Nominal Voltage	Flashing @12FPM	Flashing @30FPM	Flashing @60FPM	Flashing @120FPM
230vAC	80mA @230vAC	120mA @230vAC	200mA @230vAC	280mA @230vAC

Effective Candela (Cd) - Formula Blondel-Rey			
Amber	Red	Green	Clear
134.2	40.9	105.28	235.62

Weights & Dimensional Drawings

Kg	230v
Net Weight	0.514
Gross Weight	0.600





Accessories

Part Code	Description
50146	Amber Lens. Suitable for use with the 700 Series Beacon range
50147	Red Lens. Suitable for use with the 700 Series Beacon range
50149	Green Lens. Suitable for use with the 700 Series Beacon range
50150	Clear Lens. Suitable for use with the 700 Series Beacon range

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