Tel: 00-44-8450751042 • Fax: 00-44-8450751043 • Email: info@fireguard-uk.com
2nd FLOOR | 145-157 ST.JOHNS STREET | LONDON | EC1V 4PY | UNITED KINGDOM

Emergency Lights / Introduction

Introduction

Emergency lighting is a very important element of Means of Escape from fire and must be installed in accordance with the British Standard Specification *BS 5266 : Part 1 : 1999 - Code of Practice for Emergency Lighting*. It is important that it is installed by a trained engineer who is familiar with the British Standard.

BS 5266: Part 1: 1999

Emergency lighting Options

There are basically two types of emergency lighting systems: Maintained and Non maintained. In maintained systems, individual luminaries each incorporate a battery that is charged from the mains lighting supply. For example, when the mains power is fully restored following an interruption, the luminaries emergency lighting battery is fully recharged from the mains power supply. In a non-maintained system individual luminaries incorporate a power back up supply independent of the mains supply. At present, maintained luminaries are only required in areas where the lighting is dimmed e.g. cinemas and theatres etc.The above lighting categories are categorised as follows:
The prefix "M/" for maintained and "NM/" for non maintained systems followed by the number of hours duration.e.g. M/1 is a Maintained 1 hour duration system NM/3 is a Non maintained 3 hour duration system.

Where do you need Emergency Lights

- Escape route exits.
- Change points of directions in escape route
- Indoor/outdoor at escape route exits
- At fire appliances and first aid spots
- At changes in floor levels
- At cross points of corridors and exit routes
- In stare cases, giving direct light on every step
- Elevators, escalators and ramps should be enlightened as escape routs
- The pedestrians of parking halls and multi-storey parking areas

Calculation of viewing distance

Enlightened legend $\frac{hx200}{100}$ = viewing distance in meters

Externally Enlightened legend $\frac{hx200}{100}$ = viewing distance in meters

Emergency Lights / Bulk Head IP65 Single or Double

Bulk Head IP65 Single or Double Sided Exit sign
Model:FG-805

Rated input supply: AC220~240V 50/60Hz
Rated output supply: 8W
Tube Specification: T5/8W Fluorescent Light
Battery Specification: 2.4V 4.5Ah Ni-Cd, overcharging and discharging protection in battery.
Continuous illumination: 3hrs
Recharging time:24hrs
Material: Body ABS and diffuser polycarbonate.
Size: 350(L) x 204 (H) x 117 (D)
Packing: 6pcs / Cartoon (425x390x385mm)
Net Weight: 11.4kg
Gross Weight: 12.4 kg
Non Maintained or Maintained

Metal Exit sign
Model:FG-301

Rated input supply: AC220~240V 50/60Hz
Rated output supply: 8W
Tube Specification: T5/8W Fluorescent Light
Battery Specification: 6V 4.5Ah Lead-Acid overcharging and discharging protection in battery.
Continuous illumination: 3hrs
Recharging time:24hrs
Material: Cold rolled steel.
Size: 431(L) x 171 (H) x 85 (D)
Packing: 6pcs / Cartoon (425x390x385mm)
Net Weight: 1.4.8kg
Gross Weight: 15.8 kg
Non Maintained or Maintained

Tel: 00-44-8450751042 • Fax: 00-44-8450751043 • Email: info@fireguard-uk.com
2nd FLOOR | 145-157 ST.JOHNS STREET | LONDON | EC1V 4PY | UNITED KINGDOM

Emergency Lights / Bulk Head Compact IP65

Bulk Head Compact IP65
Model:FG-A801— 8W -NM3

Rated input supply: AC220~240V 50/60Hz
Rated output supply: 8W
Tube Specification: T5/8W Fluorescent Light
Battery Specification: 2.4V 4.5Ah Ni-Cd, overcharging and discharging protection in battery.
Continuous illumination: 3hrs
Recharging time:24hrs
Material: Body ABS and diffuser polycarbonate.
Size: 350(L) x 78 (H) x 117 (D)
Packing: 12pcs / Cartoon (425x390x385mm)
Net Weight: 14.4kg
Gross Weight: 15.4 kg
Non Maintained

Bulk Head Compact IP65
Model:FG-A801 – 8W-M3

Rated input supply: AC220~240V 50/60Hz
Rated output supply: 8W
Tube Specification: T5/8W Fluorescent Light
Battery Specification: 2.4V 4.5Ah Ni-Cd, overcharging and discharging protection in battery.
Continuous illumination: 3hrs
Recharging time:24hrs
Material: Body ABS and diffuser polycarbonate.
Size: 350(L) x 78 (H) x 117 (D)
Packing: 12pcs / Cartoon (425x390x385mm)
Net Weight: 14.4kg
Gross Weight: 15.4 kg
Maintained

CE