

Emergency Bulkhead

10656089



Stand-alone 3 hours compliant emergency lighting Bulkhead

Safety is important for building owners, and therefore having proper emergency lighting in place is a major concern for them. The Emergency bulkheads EM153C and EM154C offer an easy solution for stand-alone emergency lighting, with maintained/non-maintained mode which leave the choices by customers. The lithium battery (LiFePO₄) has many advantages over nickel-based products, as it has a longer lifetime, better discharge behaviors, is produced in a more welfare friendly way and can be recycled.

Benefits

- Meets European standards for emergency lighting luminaires.
- Lithium based battery type provides longer lifetime, low self discharge and high temperature tolerance.
- Welfare friendly solution versus nickel-based products as the battery can be recycled.

Applications

- Exit and Emergency
- Offices

- Retail
- Hospitality
- Manufacturing

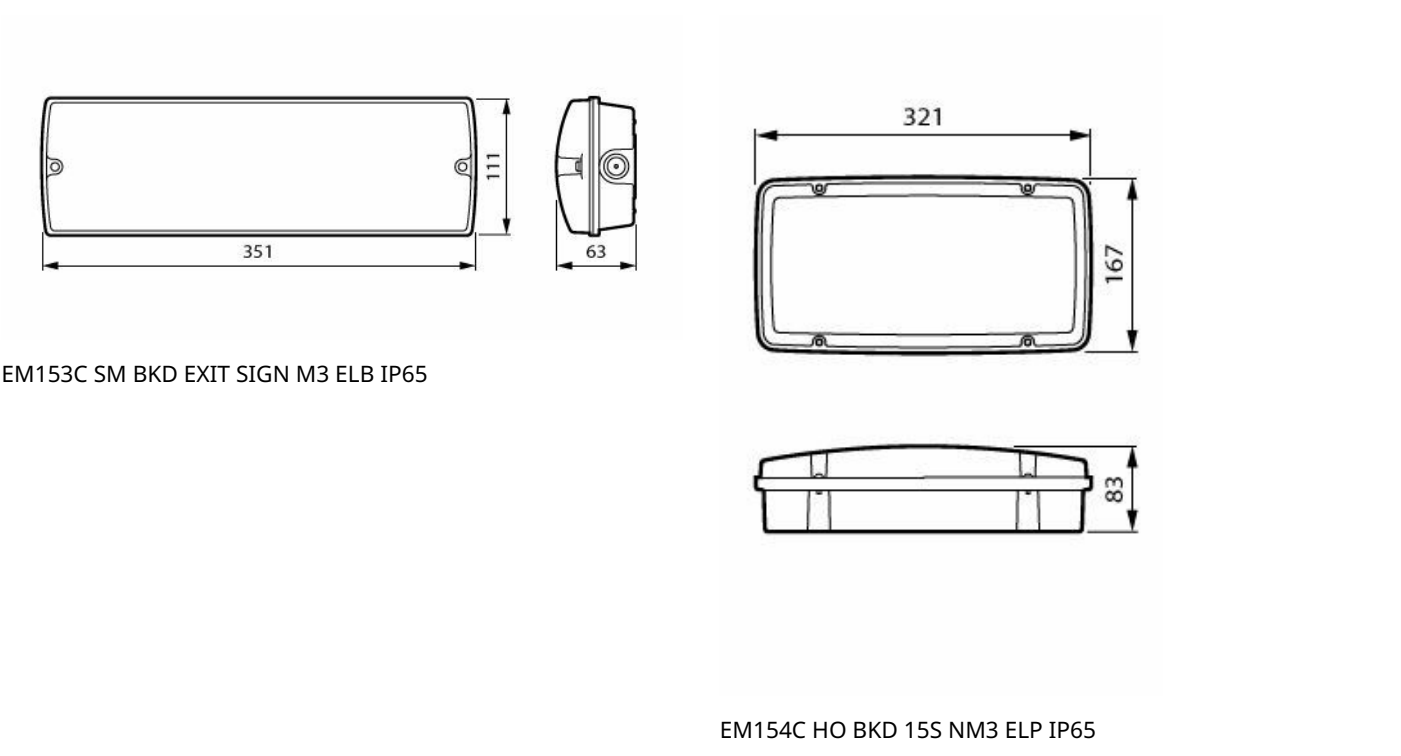
Features

- Maintained and Non-Maintained Emergency lighting
- 3 hours emergency lighting
- Manual and Self-Test options
- IP65

Versions



Dimensional drawing



General Information	
Lamp family code	-
Number of gear units	1 unit
Driver included	Yes
Service tag	No
Light Technical	
Correlated Color Temperature (Nom)	6500 K
Color rendering index (CRI)	>80
Optic type	-

Operating and Electrical

Input Voltage	220-240 V
Line Frequency	50 Hz
Suitable for random switching	Not applicable
Protection class IEC	Safety class II

Controls and Dimming

Dimmable	No
Maximum dim level	Not applicable
Embedded control	-

Mechanical and Housing

Housing Color	White
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Optical cover type	-

Emergency Operation

Rated duration of the emergency lighting (when fully charged)	3 hour(s)
Central Emergency	No

Approval and Application

Glow-wire test	-
Flammability mark	-
CE mark	Yes
ENEC mark	-

Initial Performance (IEC Compliant)

Luminous flux tolerance	+/-5%
Initial chromaticity	0.33

Light Technical

Order Code	Full Product Name	Upward light output ratio	Luminous Flux	Luminous Efficacy (rated) (Nom)
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	0.77	150 lm	50 lm/W
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	0.77	150 lm	50 lm/W
912401483511	EM154C HO BKD 15S NM3 ELP IP65	6.82	1,587 lm	176 lm/W
912401483512	EM154C HO BKD 15S NM3 ELB IP65	6.82	1,587 lm	176 lm/W

Operating and Electrical

Order Code	Full Product Name	Power Consumption
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	4 W
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	4 W
912401483511	EM154C HO BKD 15S NM3 ELP IP65	10 W
912401483512	EM154C HO BKD 15S NM3 ELB IP65	10 W

Mechanical and Housing

Order Code	Full Product Name	Mech. impact protection code
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	IK06
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	IK06
912401483511	EM154C HO BKD 15S NM3 ELP IP65	IK08
912401483512	EM154C HO BKD 15S NM3 ELB IP65	IK08

Emergency Operation

Order Code	Full Product Name	Emergency flux	Emergency lighting
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	175 lm	Emergency lighting 3 hours duration Pro version
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	175 lm	Emergency lighting 3 hours duration basic version
912401483511	EM154C HO BKD 15S NM3 ELP IP65	1,587 lm	Emergency lighting 3 hours duration Pro version
912401483512	EM154C HO BKD 15S NM3 ELB IP65	1,587 lm	Emergency lighting 3 hours duration basic version

Approval and Application

Order Code	Full Product Name	Ambient temperature range
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	+5 to +40 °C
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	+5 to +40 °C
912401483511	EM154C HO BKD 15S NM3 ELP IP65	+5 to +45 °C
912401483512	EM154C HO BKD 15S NM3 ELB IP65	+5 to +45 °C