Stand-alone 3 hours compliant emergency lighting Bulkhead

Emergency 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.

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

Application
· Exit and Emergency
· Offices
· Retail
· Hospitality
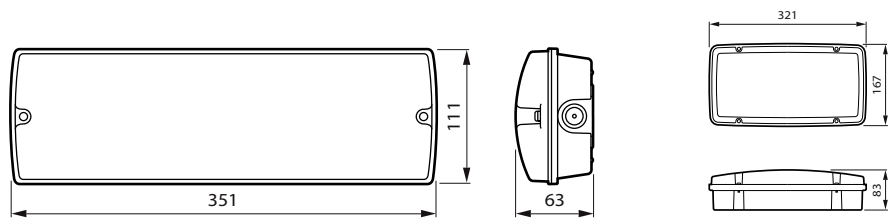· Manufacturing

Emergency Bulkhead

Versions

Emergency Bulkhead_EM153C SPP02

Emergency Bulkhead_EM154C SPP

Dimensional drawing

Emergency Bulkhead

General Information

Driver included	Yes
Lamp family code	–
Number of gear units	Unit

Light Technical

Correlated Colour Temperature (Nom)	6500 K
Colour rendering index (CRI)	>80
Optic type	–

Operating and Electrical

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

Controls and Dimming

Dimmable	No
Embedded control	–
Maximum dim level	Not applicable

Mechanical and Housing

Optical cover type	–
Housing Colour	White
Ingress protection code	IP65

Emergency Operation

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

Approval and Application

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

Initial Performance (IEC Compliant)

Initial chromaticity	0.33
Luminous flux tolerance	+/-5%

Light Technical

Order Code	Full Product Name	Luminous efficacy (rated) (nom.)	Luminous Flux	Upwards light output ratio
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	50 lm/W	175 lm	0.77
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	50 lm/W	175 lm	0.77
912401483511	EM154C HO BKD 15S NM3 ELP IP65	176 lm/W	1,587 lm	6.82
912401483512	EM154C HO BKD 15S NM3 ELB IP65	176 lm/W	1,587 lm	6.82

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

Order Code	Full Product Name	Power Consumption
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

Order Code	Full Product Name	Mech. impact protection code
912401483511	EM154C HO BKD 15S NM3 ELP IP65	IK08

Emergency Bulkhead

Order Code	Full Product Name	Mech. impact protection code
912401483512	EM154C HO BKD 15S NM3 ELB IP65	IK08

Emergency Operation

Order Code	Full Product Name	Emergency lighting	Emergency flux
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	Emergency lighting 3-hour duration Pro version	175 lm
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	Emergency lighting 3-hours duration basic version	175 lm

Order Code	Full Product Name	Emergency lighting	Emergency flux
912401483511	EM154C HO BKD 15S NM3 ELP IP65	Emergency lighting 3-hour duration Pro version	1,587 lm
912401483512	EM154C HO BKD 15S NM3 ELB IP65	Emergency lighting 3-hours duration basic version	1,587 lm

Approval and Application

Order Code	Full Product Name	Ambient temperature range
912401483509	EM153C SM BKD EXIT SIGN M3 ELP IP65	+5 to +40 ℃
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	+5 to +40 ℃

Order Code	Full Product Name	Ambient temperature range
912401483511	EM154C HO BKD 15S NM3 ELP IP65	+5 to +45 ℃
912401483512	EM154C HO BKD 15S NM3 ELB IP65	+5 to +45 ℃