



# 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

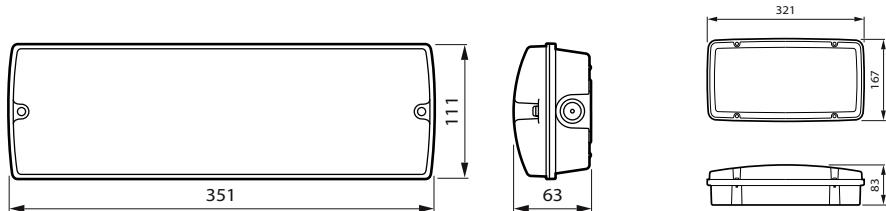
## Emergency Bulkhead

### Versions



Emergency Bulkhead\_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	50 lm/W	150 lm	0.77
	IP65			
912401483510	EM153C SM BKD EXIT SIGN M3 ELB	50 lm/W	150 lm	0.77
	IP65			
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

		Mech. impact protection
Order Code	Full Product Name	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 °C
912401483510	EM153C SM BKD EXIT SIGN M3 ELB IP65	+5 to +40 °C

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

