



# 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

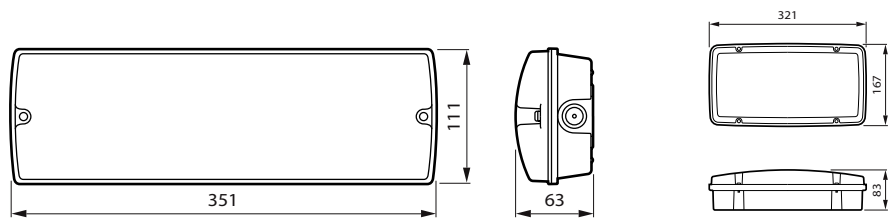
# Emergency Bulkhead

## Versions



Emergency Bulkhead\_EM154C SPP

## Dimensional drawing



Emergency Bulkhead

| General Information                                           |                 |
|---------------------------------------------------------------|-----------------|
| Driver included                                               | Yes             |
| Lamp family code                                              | -               |
| Number of gear units                                          | 1 unit          |
| Light Technical                                               |                 |
| Correlated Color Temperature (Nom)                            | 6500 K          |
| Color 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 Color                                                 | White           |
| Ingress protection code                                       | IP65            |
| Emergency Operation                                           |                 |
| Central Emergency                                             | No              |
| Rated duration of the emergency lighting (when fully charged) | 3 hour(s)       |
| 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 | Upward light  |              |
|--------------|-------------------------------------|-------------------|---------------|--------------|
|              |                                     | (rated) (Nom)     | Luminous Flux | output ratio |
| 912401483509 | EM153C SM BKD EXIT SIGN M3 ELP IP65 | 50 lm/W           | 150 lm        | 0.77         |
| 912401483510 | EM153C SM BKD EXIT SIGN M3 ELB IP65 | 50 lm/W           | 150 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 hours 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 hours 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              |

