

# PRODUCT DATASHEET EM EXIT E 0.7W 30M 3H EM/AC AT

EMERGENCY EXIT SIGN | Universal EMERGENCY EXIT SIGN with mounting options for wall, ceiling, recessed and suspension



#### Areas of application

- Emergency illumination of escape routes
- Antipanic lighting
- Offices, education, public buildings

### Product benefits

- Operation of integrated emergency lighting function with long life LiFePO4 battery with 3h battery discharge time
- Easy maintenance with automatic test function or integrated test switch
- Simple testing of luminaires with emergency lighting function thanks to integrated automatic test function

#### **Product features**

- Viewing distance: 30 m
- Battery discharge time: 3 h
- Battery technology: LiFePO4
- Function test: manual (MA) or automatic (AT)
- With integrated test switch for manual testing
- Operation mode: maintained (M) or non-maintained (NM)



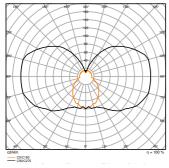
## TECHNICAL DATA

## Electrical data

| Nominal wattage   | 0.70 W                |
|---|-----------------------|
| Nominal voltage   | 220240 V              |
| Mains frequency   | 50/60 Hz              |
| Nominal current   | 34.000 mA             |
| Inrush current  | 6.5 A                 |
| Inrush current time T <sub>n50</sub>                        | 2.8 μs                |
| Max. number of luminaires per miniature circuit breaker B16 | 115                   |
| Max. number of luminaires per miniature circuit breaker C10 | 92                    |
| Max. number of luminaires per miniature circuit breaker C16 | 147                   |
| Power factor $\lambda$                                      | 0.25                  |
| Protection class  | II .                  |
| Operating mode  | Integrated LED driver |

## Photometrical data

| Luminous flux                                | 20 lm         |
|--|---------------|
| Luminous efficacy                            | 25 lm/W       |
| Color temperature                            | 5700 K        |
| Light color (designation)                    | Cool Daylight |
| Color rendering index Ra                     | > 70          |
| Low flicker                                  | Yes           |
| Flickering metric (Pst LM)                   | ≤1            |
| Stroboscope effect metric (SVM)              | ≤ 0,4         |
| Photobiological safety group acc. to EN62778 | RG0           |



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## Dimensions & Weight

| Length         | 313.00 mm |
|----------------|-----------|
| Width          | 212.00 mm |
| Height         | 42.00 mm  |
| Product weight | 510.00 g  |



### Materials & Colors

| Product color   | White  |
|---|--|
| Housing color   | White  |
| Body material   | Polycarbonate (PC) Polymethylmethacrylate (PMMA) |
| Cover material Polycarbonate (PC)/Polymethylmethacrylate (PMMA) |  |
| Glow Wire Test according to IEC 60695-2-12                      | 650 °C   |
| Mercury content   | 0.0 mg   |

## **Application & Mounting**

| Ambient temperature range    | 0+45 °C        |
|------------------------------|----------------|
| Temperature range at storage | 0+35 °C        |
| Type of connection           | Terminal       |
| Type of protection           | IP20           |
| Dimmable                     | No             |
| Mounting type                | Surface        |
| Mounting location            | Ceiling / Wall |
| Application environment      | Indoor         |
| Mounting depth               | 0 mm           |
| Adjustable                   | No             |
| With light source            | Yes            |
|                              |                |

| Replaceable light source    | No     |   |
|-----------------------------|--------|---|
| ifespan                     |        |   |
| Number of switching cycles  | 50000  |   |
| Control gear                |        |   |
| Output current              | 260 mA | - |
| ECG - Output ripple current | 8 %    |   |

| Type of Battery             | LiFePO4  |
|-----------------------------|----------|
| Battery size [GMS]          | Others   |
| Nominal voltage of battery  | 3.2 V    |
| Nominal capacity of battery | 1100 mAh |
| Battery charging time       | 24 h     |

# **Emergency lighting**

| Type of Emergency Lighting (EL)                      | EL unit (battery and controller) for decentral operation included |
|--|---|
| Area of emergency application Emergency exit signage |   |
| Type of emergency light operation                    | Maintained / Non-maintained                                       |
| Type of emergency operation test                     | Automatic   |
| Wattage in emergency operation mode                  | 0.7 W   |
| Luminous flux in emergency operation mode            | 20 lm   |
| Battery life in emergency operation mode             | 3 h   |
| Integrated test switch                               | Yes   |

## Certificates & Standards

| Standards  | CE / CB / EAC / UKCA / ENEC |
|--|-----------------------------|
| Luminaire with limited surface temperature, "D sign" | No                          |
| Ball shot safe                                       | No                          |

# Accessories Mandatory

| Product image | Product name        | EAN           |
|---------------|---------------------|---------------|
|               | EM EXIT PICTO BLANK | 4099854261374 |

| Product image | Product name             | EAN           |
|---------------|--------------------------|---------------|
| < ₽<br>₽ →    | EM EXIT PICTO LEFT RIGHT | 4099854261336 |
| ↑ ½<br>☑ ↑    | EM EXIT PICTO UP         | 4099854261350 |
| <b>→</b> 22   | EM EXIT PICTO DOWN       | 4099854261312 |

# Accessories Optional

| Product image | Product name           | EAN           |
|---------------|------------------------|---------------|
|               | EM EXIT FLAG KIT       | 4099854232145 |
|               | EM EXIT RECESSED KIT   | 4099854232121 |
|               | EM EXIT SUSPENSION KIT | 4099854232169 |

# Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

## DOWNLOAD DATA

|     | Documents and certificates             | Document name                      |
|-----|--|------------------------------------|
| POF | User instruction / safety instructions | EM EXIT                            |
| POF | Legal information                      | Informationstext 18 Abs 4 ElektroG |

|     | Documents and certificates            | Document name                       |  |
|-----|---------------------------------------|-------------------------------------|--|
| PDF | Legal information                     | Safety Insert G11218810             |  |
| PDF | Legal information                     | Legal Insert G11231524              |  |
| PDF | Declarations of conformity            | EM EXIT SIGN E 0.7W 30M 3H EM/AC AT |  |
| PDF | Declarations of conformity UKCA       | EM EXIT SIGN E 0.7W 30M 3H EM/AC AT |  |
|     |                                       |                                     |  |
|     | Photometric and lighting design files | Document name                       |  |
|     | IES file (IES)                        | EM EXIT E 0,7W 30M 3H EM AC AT      |  |
|     | LDT file (Eulumdat)                   | EM EXIT E 0,7W 30M 3H EM AC AT      |  |
|     | UGR file (UGR table)                  | EM EXIT E 0,7W 30M 3H EM AC AT      |  |
|     | Light distribution curve type polar   | EM EXIT E 0,7W 30M 3H EM AC AT      |  |
|     |                                       |                                     |  |
|     | CAD/BIM files                         | Document name                       |  |
|     | CAD STEP 3D                           | EM EXIT E                           |  |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume               |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4099854230714 | Folding box<br>1             | 218 mm x 45 mm x 317 mm              | 630.00 g     | 3.11 dm <sup>3</sup> |
| 4099854230721 | Shipping box<br>10           | 330 mm x 275 mm x 450 mm             | 6780.00 g    | 40.84 dm³            |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## References / Links

- For Guarantee see www.ledvance.com/guarantee

#### **DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.