

# PRODUCT DATASHEET

## EM CONVERSION BOX

EMERGENCY CONVERSION BOX | Emergency conversion box to convert recessed luminaires to self-contained emergency luminaires



### Areas of application

- Buildings requiring up to 3 h emergency light operation

### Product benefits

- Conversion of selected LEDVANCE panels and downlights to emergency luminaires
- Emergency conversion unit reduces stock keeping complexity from emergency lighting
- Plug-and-play system allows easy installation
- Simple testing of luminaires with emergency lighting function thanks to integrated automatic test function
- Operation of integrated emergency lighting function with long life LiFePO4 battery with 3h battery discharge time

### Product features

- Self-contained emergency conversion unit
- Function test of emergency lighting: automatic (AT)
- Battery technology: LiFePO4
- Recessed ceiling mounting



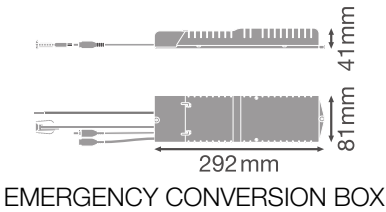
TECHNICAL DATA

Electrical data

|                 |             |
|-----------------|-------------|
| Nominal voltage | 220...240 V |
| Mains frequency | 50...60 Hz  |

Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 292.00 mm |
| Width          | 81.00 mm  |
| Height         | 41.00 mm  |
| Product weight | 350.00 g  |



Materials & Colors

|                                            |        |
|--------------------------------------------|--------|
| Glow Wire Test according to IEC 60695-2-12 | 850 °C |
| Mercury content                            | 0.0 mg |

Application & Mounting

|                              |            |
|------------------------------|------------|
| Ambient temperature range    | 0...+50 °C |
| Temperature range at storage | 5...+35 °C |
| Type of connection           | Screwless  |
| Type of protection           | IP20       |
| Dimmable                     | No         |
| Mounting type                | Recessed   |
| Mounting location            | Ceiling    |
| Replaceable light source     | No         |

BATTERY

|                    |             |
|--------------------|-------------|
| Type of Battery    | Lithium ion |
| Battery size [GMS] | Others      |

|                             |          |
|-----------------------------|----------|
| Nominal voltage of battery  | 3.2 V    |
| Nominal capacity of battery | 4500 mAh |
| Battery charging time       | 24 h     |

### Emergency lighting

|                                          |                             |
|------------------------------------------|-----------------------------|
| Type of emergency light operation        | Maintained / Non-maintained |
| Type of emergency operation test         | Automatic                   |
| Wattage in maintained operation mode     | 3,0 W                       |
| Wattage in emergency operation mode      | 3,0 W                       |
| Battery life in emergency operation mode | 3 h                         |
| Integrated test switch                   | No                          |

### Certificates & Standards

|           |           |
|-----------|-----------|
| Standards | CE / ENEC |
|-----------|-----------|

### EQUIPMENT / ACCESSORIES

- Control LED with a retainer for recessed installation included

### Safety advice

- The conformity of the converted luminaire with all relevant statutory and legal safety and other requirements and technical standards, such as EN 60598-1 and EN 60598-2-22, has to be ensured during and after installation of the Emergency Conversion Box. It is also recommended to comply with ICEL 1004:2018. The converted luminaire has to be marked with a new data plate.
- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

### DOWNLOAD DATA

|                                                                                    | Documents and certificates             | Document name                                                        |
|------------------------------------------------------------------------------------|----------------------------------------|----------------------------------------------------------------------|
|  | User instruction / safety instructions | UI EM CONV BOX 105V                                                  |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG                                   |
|  | Declarations of conformity             | CE declaration EM CONV BOX                                           |
|  | Certificates                           | Manufacturer Declaration Compatibility of the LEDV EM CONVERSION BOX |

LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075237025 | Folding box<br>1             | 46 mm x 412 mm x 90 mm               | 400.00 g     | 1.71 dm <sup>3</sup>  |
| 4058075237032 | Shipping box<br>8            | 428 mm x 208 mm x 206 mm             | 3412.00 g    | 18.34 dm <sup>3</sup> |

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.

DISCLAIMER

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