

## PRODUCT DATASHEET

# Conversion kit + SubstiTUBE T8 EM Pro 12.1 W/4000 K 1050 mm

SUBSTITUBE PRO EM Conversion Kit single lamp | High performance LED tubes for electromagnetic control gears (CCG), shatterproof including conversion kit for single lamp luminaires



### Areas of application

- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

### Product benefits

- Only around 5 minutes per luminaire needed for rewiring
- No ECG compatibility issues
- No ECG maintenance necessary
- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Energy savings of up to 68 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Also suitable for operation at low temperatures

### Product features



- Contains 10 SubstiTUBE T8 EM Pro LED tubes and 10 conversion kits for single-lamp luminaires
- Conversion kit contains all necessary material for conversion of ECG luminaires to AC mains
- Detailed step-by-step instruction for guaranteed TÜV-certification available
- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 ( $SVM \leq 0,4$  /  $PstLM \leq 1$ )
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- VDE certified according to IEC62776
- Single and tandem operation on conventional control gear (0.6 m version)
- Lifetime: up to 75,000 h
- Type of protection: IP20

## TECHNICAL DATA

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Product weight | 1940.00 g |
|----------------|-----------|

### Additional product data

|                |  |
|----------------|--|
| Product remark | This product contains the following LED Tube as a light source:<br>SubstiTUBE T8 EM Pro 12.1 W/4000 K 1050 mm, EAN:<br>4058075612235, LED tube EEC: C, EPREL ID LED Tube: 563398 |
|----------------|--|

### Certificates & Standards

|                    |      |
|--------------------|------|
| Type of protection | IP20 |
|--------------------|------|

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LEDTUBE T8 EM P |
|-----------------|-----------------|

### Safety advice

- Not suitable for operation with electronic control gear.
- Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

## DOWNLOAD DATA

### Documents and certificates



Installation guide

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854113642 | Shipping box<br>1            | 1,175 mm x 180 mm x 95 mm            | 2905.00 g    | 20.09 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.