

## PRODUCT DATASHEET

# Conversion kit + SubstiTUBE T8 EM Pro UO 23.4 W/6500 K 1500 mm

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



### Areas of application

- Example order for the conversion of 10 double flame luminaires: one assortment of conversion kit + LED tubes plus one shipping unit of only LED tubes (10pcs)
- 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 60 % (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 Ultra Output LED tubes and 10 conversion kits for double-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
- Lifetime: up to 75,000 h
- Type of protection: IP20
- Mercury-free and RoHS compliant
- For especially uniform illumination

## TECHNICAL DATA

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Product weight | 3000.00 g |
|----------------|-----------|

### Additional product data

|                |                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product remark | This product contains the following LED Tube as a light source:<br>SubstiTUBE T8 EM Pro Ultra Output 23.4 W/6500 K 1500 mm, EAN:<br>4058075612136, LED tube EEC: C / EPREL ID LED Tube: 563391 |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Certificates & Standards

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

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LEDTUBE T8EM PR |
|-----------------|-----------------|

### 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075781429 | Shipping box<br>1            | 1,652 mm x 210 mm x 115 mm           | 4200.00 g    | 39.90 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.