

# PRODUCT DATASHEET

## CONVERSION KIT + LED TUBE T8 EM S 1500 mm 17.7W 840

LED TUBE T8 EM S CONVERSION KIT | High performance LED tubes for electromagnetic control gear (CCG), shatterproof including conversion kit for double 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
- Energy savings of up to 70 % (compared to T8 fluorescent lamp)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Also suitable for operation at low temperatures

### Product features



- Contains 10 LED TUBE T8 EM S LED tubes and 5 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
- ENEC 10 VDE mark
- Single and tandem operation on conventional control gear ( $\leq 0.9$  m versions)
- Lifetime: up to 75,000 h
- Type of protection: IP20
- Mercury-free and RoHS compliant

---

## TECHNICAL DATA

### Electrical data

Nominal wattage	17.70 W
Nominal voltage	220...240 V
Nominal current	80 mA

### Photometrical data

Luminous flux	3100 lm
Luminous efficacy	175 lm/W
Light color	840

### Light technical data

Beam angle	190 °
------------	-------

### Dimensions & Weight

Product weight	2453.00 g
----------------	-----------

### Additional product data

Product remark	This product contains the following LED Tube as a light source: LED TUBE T8 EM S 1500 mm 17.7W 840, EAN: 4099854037658, LED tube EEC: C
----------------	---

### Certificates & Standards

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

### Country-specific categorizations

Order reference	LEDTUBE T8 EM S
-----------------	-----------------

---

### 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.
- Not suitable for emergency lighting

---

## DOWNLOAD DATA

### Documents and certificates



Installation guide

---

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854107801	Shipping box 1	1,635 mm x 180 mm x 95 mm	3627.00 g	27.96 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.

---

## References / Links

– For current information see [www.ledvance.com/ledtube](http://www.ledvance.com/ledtube)

---

## Legal advice

– When used to replace a T8 fluorescent lamp the total energy efficiency and light distribution depends on the design of the lighting system.

---

## DISCLAIMER

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