

PRODUCT DATASHEET

CONVERSION KIT + LED TUBE T8 EM S 1200 mm 12W 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 (≤ 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	12 W
Nominal voltage	220...240 V
Nominal current	54 mA

Photometrical data

Luminous flux	2100 lm
Luminous efficacy	175 lm/W
Light color	840

Light technical data

Beam angle	190 °
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Dimensions & Weight

Product weight	1863.00 g
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Additional product data

Product remark	This product contains the following LED Tube as a light source: LED TUBE T8 EM S 1200 mm 12W 840, EAN: 4099854037597, LED tube EEC: C
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Certificates & Standards

Type of protection	IP20
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Country-specific categorizations

Order reference	LEDTUBE T8 EM S
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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
4099854107740	Shipping box 1	1,335 mm x 180 mm x 95 mm	2875.00 g	22.83 dm ³

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

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.