

PRODUCT DATASHEET ST8E-EM 8 W/4000 K 600 mm

LED TUBE T8 ENTRY EM | LED tubes for electromagnetic control gear (CCG)



Product benefits

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- $-\,$ Energy savings of up to 65 % (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

- $\,$ $\,$ T8 LED tube made of glass with G13 base
- Mercury-free and RoHS compliant
- Type of protection: IP20



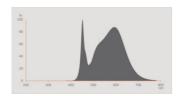
TECHNICAL DATA

Electrical data

Nominal wattage	8 W		
Construction wattage	8.00 W		
Nominal voltage	220240 V 65 mA AC 5060 Hz		
Nominal current			
Type of current			
Operating frequency			
Mains frequency	5060 Hz		
Total harmonic distortion	< 150 %		

Photometrical data

Luminous flux	900 lm		
Luminous efficacy	112 lm/W		
Light color (designation)	Cool White 4000 K		
Color temperature			
Color rendering index Ra	≥80		
Light color	840		
Flickering metric (Pst LM)	1		
Stroboscope effect metric (SVM)	0.4		



EPREL data spectral diagram PROF LEDr 4000K

Dimensions & Weight

Overall length	602.00 mm
Diameter	26.90 mm
Product weight	100.00 g

Temperatures & operating conditions

Ambient temperature range	-20+45 °C				
Lifespan					
Lifespan L70/B50 at 25 °C	30000 h				
Additional product data					
Base (standard designation)	G13				
Mercury-free	Yes				
Design / version	Frosted				
Certificates & Standards					
Type of protection	IP20				
Standards	CE / CB				
Photobiological safety group acc. to EN62778	RG0				
Country-specific categorizations					
Order reference	ST8E-0.6M 8W/84				
LOGISTICAL DATA Temperature range at storage	-20+80 °C				
Energy labelling regulation data acc EU 2019/2015					
Lighting technology used	LED				
Non-directional or directional	NDLS				
Mains or non-mains	MLS				
Light source cap-type (or other electric interface)	G13				
Connected light source (CLS)	No				
Color-tuneable light source	No				
Envelope	No				
High luminance light source	No				
Anti-glare shield	No				
Standby power					
	0 W				
Networked standby power for CLS	0 W 0 W				
Networked standby power for CLS Claim of equivalent power					
	0 W				
Claim of equivalent power	0 W Yes				
Claim of equivalent power Length	0 W Yes 602.00 mm				

Chromaticity coordinate y	0.3797 >=0.00 SPHERE_360 0.9 >=0.5 Yes 686633,2076160 AC32672,AC32672,AC66699		
R9 Colour rendering index			
Beam angle correspondence			
Survival factor			
Displacement factor			
LED light source replaces a fluorescent light source			
EPREL ID			
Model number			

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	Document name		
PDF	Declarations of conformity	LED tube		
	Photometric and lighting design files	Document name		
	Photometric and lighting design lifes	Document name		
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 4000K		

LOGISTICAL DATA

Product code Packaging unit (Pieces/Unit)		Dimensions (length x width x height)	Gross weight	Volume
4099854075001	Sleeve 1	655 mm x 28 mm x 28 mm	119.00 g	0.52 dm ³
4099854075018 Shipping box 25		710 mm x 155 mm x 165 mm	3480.00 g	18.16 dm³

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/substitube

Legal advice

-	When used to replace a	T8 fluorescent lamp	the total energy	efficiency and li	ght distribution	depends on the	design of the lighting systen	٦.

DISCLAIMER

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