

PRODUCT DATASHEET ST8E-AC 8 W/6500 K 600 mm

LED TUBE T8 ENTRY AC | LED tubes for AC mains



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



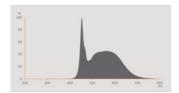
TECHNICAL DATA

Electrical data

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

Photometrical data

Luminous flux	900 lm			
Luminous efficacy	112 lm/W			
Light color (designation)	Cool Daylight			
Color temperature	6500 K			
Color rendering index Ra	≥80			
Light color	865			
Flickering metric (Pst LM)	1			
Stroboscope effect metric (SVM)	0.4			



EPREL data spectral diagram PROF LEDr 6500K

Dimensions & Weight

Overall length	602.00 mm
Diameter	26.90 mm
Product weight	100.00 g

Temperatures & operating conditions

-20+45 °C				
30000 h				
G13				
Yes				
Frosted				
IP20				
CE / CB				
RGO				
ST8E-0.6M 8W/86				
-20+80 °C				
LED				
NDLS				
MLS				
MLS				
MLS G13				
G13				
G13 No				
G13 No No				
G13 No No No				
G13 No No No No No				
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G13 No No No No OW OW				
G13 No No No No OW OW Yes				
G13 No No No No No OW OW Yes 602.00 mm				

Chromaticity coordinate y	0.3282			
R9 Colour rendering index	>=0.00			
Beam angle correspondence	SPHERE_360			
Survival factor	0.9			
Displacement factor	>=0.5 Yes 686640,2076153 AC32679,AC32679,AC66709			
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	
	Friotometric and lighting design lifes	Document name	
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 6500K	

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854075148	Sleeve 1	610 mm x 28 mm x 28 mm	131.00 g	0.49 dm ³
4099854075155	Shipping box 25	660 mm x 155 mm x 165 mm	3731.00 g	16.88 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	l light distribution	depends on the	e design of the lighting systen	١.

DISCLAIMER

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