

# PRODUCT DATASHEET ST8E-AC 8 W/4000 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



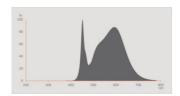
# TECHNICAL DATA

## Electrical data

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

# Photometrical data

Luminous flux	900 lm
Luminous efficacy	112 lm/W
Light color (designation)	Cool White
Color temperature	4000 K
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 and EU 2010/2015					
Energy labelling regulation data acc EU 2019/2015	150				
Lighting technology used	LED NDLO				
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				
Claim of equivalent power	Yes				
Length	602.00 mm				
Height	26.90 mm				
Width	26.90 mm				
Olamana di aita anno all'anto an	0.0040				

0.3818

Chromaticity coordinate x

Chromaticity coordinate y	0.3797		
R9 Colour rendering index	>=0.00		
Beam angle correspondence	SPHERE_360		
Survival factor	0.9		
Displacement factor	>=0.5		
LED light source replaces a fluorescent light source	Yes 686639,2076157		
EPREL ID			
Model number	AC32678,AC32678,AC66708		

# 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	
POF	Declarations of conformity	LED tube	
	Photometric and lighting design files	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
4099854075124	Sleeve 1	610 mm x 28 mm x 28 mm	131.00 g	0.49 dm <sup>3</sup>
4099854075131	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 ef	fficiency and light o	distribution depends c	n 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.