PRODUCT DATASHEET
SMART+ WiFi Tube T8EM 1200 18W 865

SMART+ Tube with WiFi Technology | SMART+ Tubes with WiFi technology

Areas of application

– General illumination
– Residential interiors
– Professional (hotels, bars, boutiques etc.)
– Outdoor applications only

Product benefits

– Wireless control via app
– Easy to install and use
– Contains no mercury

Product features

– Controllable via LEDVANCE SMART+ WiFi App (with minimum Android™ 4.4 or iOS 9.0)
– Controllable via Google Assistant and Amazon Alexa possible
– Network protocol: WiFi
– Lifetime: up to 50,000 h
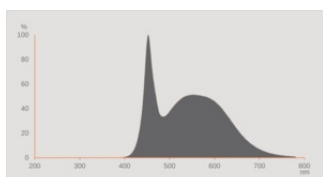– Adjustable light color via Tunable White: Warm White to Cool White (2,700 K…6,500 K)

TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.00 W
Nominal voltage	220...240 V
Nominal current	150 mA
Operating frequency	50...60 Hz
Mains frequency	50...60 Hz
Claimed equiv. conventional lamp power	36 W

Photometrical data

Light color (designation)	Tunable White
Lumen main.fact.at end of nom.life time	0.70
Standard deviation of color matching	≤6 sdcm
Nominal luminous flux	2300 lm
Luminous flux	2300 lm
Luminous efficacy	127 lm/W
Adjustable color temperature	2700...6500 K
Color temperature	2700...6500 K
Color rendering index Ra	83
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

Light technical data

Beam angle	160 °
Warm-up time (60 %)	‹ 0.50 s

Dimensions & Weight

Product weight	221.00 g
Diameter	26.00 mm
Length	1200.00 mm
Width	26.00 mm
Height	26.00 mm
Outer bulb [PICOS]	T8

Lifespan

Number of switching cycles	200000
Lifespan	50000 h

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C

Additional product data

Base (standard designation)	G13

Capabilities

Dimmable	Yes

Certificates & Standards

Energy efficiency class	E
Energy consumption	18.00 kWh/1000h
Type of protection	IP20

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)	yes
Color-tuneable light source	yes
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	RANGE
Standby power	0.50
Networked standby power for CLS	0.50

Claim of equivalent power	Yes
Chromaticity coordinate x	0.458
Chromaticity coordinate y	0.410
R9 Colour rendering index	83
Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.70
LED light source replaces a fluorescent light source	yes
EPREL ID	715350
Model number	AC35122,AC35122

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075626232	Folding box 1	27 mm x 27 mm x 1,310 mm	298.00 g	0.95 dm³
4058075626249	Shipping box 10	1,365 mm x 185 mm x 118 mm	4605.00 g	29.80 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.

DISCLAIMER

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