

# PRODUCT DATASHEET

## SMART+ WiFi Tube T8EM 600 9W 865

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



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### Areas of application

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

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### Product benefits

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

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### 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)

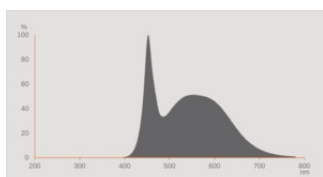
## TECHNICAL DATA

### Electrical data

|                                        |             |
|----------------------------------------|-------------|
| Nominal wattage                        | 9 W         |
| Construction wattage                   | 9.00 W      |
| Nominal voltage                        | 220...240 V |
| Nominal current                        | 75 mA       |
| Operating frequency                    | 50...60 Hz  |
| Mains frequency                        | 50...60 Hz  |
| Claimed equiv. conventional lamp power | 18 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                   | 1100 lm       |
| Luminous flux                           | 1100 lm       |
| Luminous efficacy                       | 122 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 | 120.00 g  |
| Diameter       | 26.00 mm  |
| Length         | 600.00 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      | 9.00 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                                             | 715349          |
| Model number                                         | AC35121,AC35121 |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075625990 | Folding box<br>1             | 27 mm x 27 mm x 710 mm               | 161.00 g     | 0.52 dm <sup>3</sup>  |
| 4058075626003 | Shipping box<br>10           | 765 mm x 212 mm x 130 mm             | 2442.00 g    | 21.08 dm <sup>3</sup> |

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.