

# PRODUCT DATASHEET

## LED CCT SELECTABLE T8 TUBE 16 W/3000 K / 4500 K / 6500 K 1200 mm

SUBSTITUBE T8 Performance TRI CCT | TRI CCT LED tubes



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### Areas of application

- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms
- Domestic applications
- Supermarkets and department stores

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### Product benefits

- TRI Colour 3000K/4500K/6500K
- LED lamps with innovative TruWave Technology™
- Support sleep/wake cycle thanks mimic of the natural light spectrum
- The balanced blue light spectrum can support attention, reaction time and mood
- Low energy consumption

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### Product features

- Color rendering index  $R_a$ :  $\geq 80$
- Lifetime up to 25,000 h
- Mercury-free lamps



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## TECHNICAL DATA

### Electrical data

|                     |             |
|---------------------|-------------|
| Nominal wattage     | 16 W        |
| Nominal voltage     | 220...240 V |
| Nominal current     | 83 mA       |
| Type of current     | AC          |
| Operating frequency | 50/60 Hz    |
| Mains frequency     | 50/60 Hz    |

### Photometrical data

|                                  |                          |
|----------------------------------|--------------------------|
| Luminous flux                    | 1600 lm                  |
| Nominal useful luminous flux 90° | 1600 lm                  |
| Luminous efficacy                | 100 lm/W                 |
| Light color (designation)        | Color Changing           |
| Color temperature                | 3000 K / 4500 K / 6500 K |
| Color rendering index Ra         | > 80                     |
| Light color                      | 830/845/865              |

### Dimensions & Weight

|                |            |
|----------------|------------|
| Overall length | 1200.00 mm |
| Diameter       | 28.00 mm   |
| Product weight | 195.00 g   |

### Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

### Lifespan

|                            |        |
|----------------------------|--------|
| Number of switching cycles | 100000 |
|----------------------------|--------|

### Additional product data

|                             |     |
|-----------------------------|-----|
| Base (standard designation) | G13 |
|-----------------------------|-----|

|              |     |
|--------------|-----|
| Mercury-free | Yes |
|--------------|-----|

### Certificates & Standards

|                                              |      |
|----------------------------------------------|------|
| Type of protection                           | IP20 |
| Standards                                    | CB   |
| Photobiological safety group acc. to EN62778 | RG1  |

### Country-specific categorizations

|                 |                 |
|-----------------|-----------------|
| Order reference | LPT8-1.2M 16W 8 |
|-----------------|-----------------|

### Energy labelling regulation data acc EU 2019/2015

|                                                     |            |
|-----------------------------------------------------|------------|
| Light source cap-type (or other electric interface) | G13        |
| Length                                              | 1200.00 mm |
| Height                                              | 28.00 mm   |
| Width                                               | 28.00 mm   |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854089428 | Folding box<br>1             | 1,273 mm x 30 mm x 30 mm             | 305.00 g     | 1.15 dm <sup>3</sup>  |
| 4099854089435 | Shipping box<br>25           | 1,328 mm x 177 mm x 179 mm           | 7973.00 g    | 42.08 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.