

## PRODUCT DATASHEET

### DULUX T/E HE 7 W/4000 K 100 mm

OSRAM DULUX T/E LED HF & AC MAINS | LED replacement for CFLni with 4-pin GX24q base for ECG



#### Areas of application

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

#### Product benefits

- Quick, simple and safe replacement
- Low energy consumption
- Operation directly on 230 V AC mains possible

#### Product features

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Single-ended four-pin plug-in GX24q base
- Rotatable base around its longitudinal axis ( $\pm 90^\circ$ )
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Mercury-free lamps



## TECHNICAL DATA

### Electrical data

Nominal wattage	7 W
Construction wattage	7.00 W
Nominal voltage	220...240 V
Operating mode	AC, Electronic control gear (ECG)
Claimed equiv. conventional lamp power	18 W
Nominal current	32 mA
Type of current	AC
Inrush current	20 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp no. on circuit break. 10 A (B)	280
Max. lamp no. on circuit break. 16 A (B)	450
Total harmonic distortion	< 30 %
Power factor $\lambda$	> 0.90

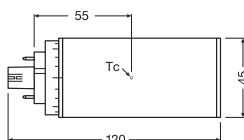
### Photometrical data

Luminous flux	800 lm
Nominal useful luminous flux 90°	800 lm
Luminous efficacy	114 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Cool White
Color temperature	4000 K
Color rendering index Ra	80
Light color	840
Standard deviation of color matching	≤6 sdc <sub>m</sub>

### Light technical data

Beam angle	130 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s

### Dimensions & Weight



Overall length	120.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	105.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	75 °C

### Lifespan

Number of switching cycles	200000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

### Additional product data

Base (standard designation)	GX24q-2
Mercury content	0.0 mg
Design / version	Frosted

### Capabilities

Dimmable	No
----------	----

### Certificates & Standards

Energy efficiency class	E
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

### Country-specific categorizations

Order reference	RL-TRIO/E18 7W/
-----------------	-----------------

## Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	GX24q-2
Correlated colour temperature type	SINGLE_VALUE
Length	120.00 mm
Height	45.00 mm
Width	45.00 mm
EPREL ID	604671

## Safety advice

- Always check the latest update of the compatibility list available on [www.ledvance.com/ecg-compatibility](http://www.ledvance.com/ecg-compatibility).
- Not suitable for operation with conventional control gear

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008597197703	Folding box 1	48 mm x 48 mm x 126 mm	121.00 g	0.29 dm <sup>3</sup>
4008597497704	Shipping box 10	246 mm x 102 mm x 137 mm	1318.00 g	3.44 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.