

PRODUCT DATASHEET

DULUX T/E HE 20 W/3000 K 200 mm

OSRAM DULUX® T/E LED HF & AC MAINS | LED replacement for CFLni, 3 tubes, with 4-pin GX24q base for ECG and AC mains operation



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	20 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	42 W
Nominal current	88 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)	100
Max. lamp no. on circuit break. 16 A (B)	160
Total harmonic distortion	≤ 30 %
Power factor λ	> 0,90

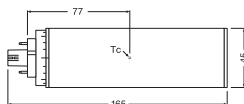
Photometrical data

Luminous flux	2025 lm
Nominal useful luminous flux 90°	2025 lm
Luminous efficacy	101 lm/W
Lumen main.fact.at end of nom.li	0.80
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	> 80
Light color	830
Standard deviation of color matching	≤6 sdcm

Light technical data

Beam angle	130 °
Warm-up time (60 %)	< 0.50 s
Starting time	< 0.5 s
Rated beam angle (half peak value)	130.00 °

Dimensions & weight



Overall length	165.00 mm
Length	165.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	152.000 g

Temperatures & operating conditions

Ambient temperature range	-20...+50 °C
Maximum temperature at tc test point	85 °C

Lifespan

Nominal lamp life time	30000 h
Rated lamp life time	30000 h
Number of switching cycles	200000
Lumen maintenance at end of serv	0.80
Rated lamp survival factor at 6,000	≥ 0.90

Additional product data

Base (standard designation)	GX24q-4
Mercury content	0.0 mg
Design / version	Frosted

Capabilities

Dimmable	No
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Certificates & standards



Energy efficiency class	A+ ¹⁾
Energy consumption	20.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group EN62778	RG0

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	DULUXTE42LED 20
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DOWNLOAD DATA

DOWNLOAD DATA	
	IES file (IES) DULUX TE42LED 20,5W830 230VHFGX24q-3
	LDT file (Eulumdat) DULUX TE42LED 20,5W830 230VHFGX24q-3

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075559479	Folding box 1	48 mm x 48 mm x 171 mm	165.00 g	0.39 dm ³
4058075559486	Shipping box 10	246 mm x 102 mm x 182 mm	1782.00 g	4.57 dm ³

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.