PRODUCT DATASHEET
DULUX T/E HF & AC Mains 10 W/4000 K

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 (± 90°)
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Mercury-free lamps





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TECHNICAL DATA

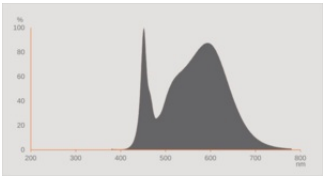
Electrical data

Nominal wattage	10 W
Construction wattage	10.00 W
Nominal voltage	220…240 V
Operating mode	ECG, AC Mains
Claimed equiv. conventional lamp power	26 W
Nominal current	44 mA
Type of current	AC
Inrush current	20 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	205
Max. lamp number on MCB B16 A	325
Total harmonic distortion	≤ 30 %
Power factor λ	> 0.90

Photometrical data

Luminous flux	1100 lm
Nominal useful luminous flux 90°	1100 lm
Luminous efficacy	110 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 sdcm
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0.4

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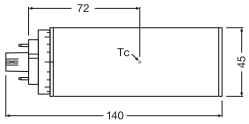


EPREL data spectral diagram PROF LEDr 4000K

Light technical data

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

Dimensions & Weight



Overall length	140.00 mm
Diameter	45.00 mm
Maximum diameter	45 mm
Product weight	122.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+50 °C
Maximum temperature at tc test point	80 °C

Lifespan

Lifespan L70/B50 at 25 °C	30000 h
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

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Base (standard designation)	GX24q-3
Mercury content	0.0 mg
Design / version	Frosted

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	10.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG0

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

Country-specific categorizations

Order reference	DULUXTE26LED 10

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)	GX24q-3
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	No
Length	140.00 mm
Height	45.00 mm
Width	45.00 mm
Chromaticity coordinate x	0.381
Chromaticity coordinate y	0.379
R9 Colour rendering index	0.00

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Beam angle correspondence	SPHERE_360
Survival factor	0.90
Displacement factor	0.90
LED light source replaces a fluorescent light source	No
EPREL ID	604673
Model number	AC35207

Safety advice

– Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.
– Not suitable for operation with conventional control gear

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction	OSRAM DULUX T/E LED
PDF	Declarations Of Conformity CE	DULUX lamp
PDF	Declarations Of Conformity UKCA	DULUX LED

	Photometric and lighting design files	Document name
IES	IES file (IES)	DULUXTE26LED 10W840230VHFGX24Q-3
LDT	LDT file (Eulumdat)	DULUXTE26LED 10W840230VHFGX24Q-3
	LDC typ polar	DULUXTE26LED 10W840230VHFGX24Q-3
	Spectral power distribution	EPREL data spectral diagram PROF LEDr 4000K

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075559417	Folding box 1	48 mm x 48 mm x 146 mm	134.00 g	0.34 dm^3
4058075559424	Shipping box 10	246 mm x 102 mm x 157 mm	1461.00 g	3.94 dm^3

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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

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