

# PRODUCT DATASHEET DULUX T/E PLUS 13 W/830

OSRAM DULUX® T/E PLUS | CFLni, 3 tubes, with 4-pin base for ECG operation



#### Areas of application

- Offices, public buildings
- Shops
- Supermarkets and department stores
- Hotels, restaurants
- Industrial lighting

#### Product benefits

- Improved maintenance

#### **Product features**

- Good color rendering index
- Dimmable (3...100 %)
- Short and compact pin-base lamp with triple-turn tubes
- Single-ended four-pin plug-in GX24q base with shortened base casing





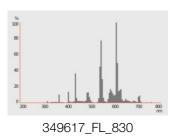
## TECHNICAL DATA

## Electrical data

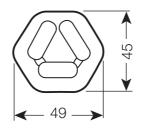
Nominal wattage	13 W
Construction wattage	14.20 W
Nominal voltage	91 V
Nominal current	0.18 A

## Photometrical data

Luminous flux	850 lm
Luminous efficacy	60 lm/W
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.84
Rated LLMF at 6,000 h	0.83
Rated LLMF at 8,000 h	0.81
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.77



Dimensions & Weight



Overall length	106.50 mm
Length with base excl. base pins/connection	90,00 mm
Diameter	11.00 mm
Tube diameter	12 mm
Product weight	52.3 g

# Temperatures & operating conditions

## Lifespan

Service life	13000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.99
Rated lamp survival factor at 12,000 h	0.95
Rated lamp survival factor at 16,000	0.81
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

# Additional product data

Base (standard designation)	GX24q-1
Mercury content	2.0 mg

# Capabilities

Dimmable	Voc
Diffinable	Yes

## Certificates & Standards

Energy efficiency class	G

14.00 kWh/1000h
FSMH-13/830-/P/-GX24q-1
DULUX T/E 13W/8
CFLNI
NDLS
NMLS
GX24q-1
No
SINGLE_VALUE
No

106.50 mm

11.00 mm

11.00 mm

SPHERE\_360

0,440

0,403

546462 AC34237

## Safety advice

EPREL ID

Model number

Length

Height

Width

Chromaticity coordinate x

Chromaticity coordinate y

Beam angle correspondence

- In case of lamp breakage: www.ledvance.com/brokenlamp

#### DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077884-EN-00 - DULUX T

	Documents and certificates	Document name	
POF	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.	05.2026 Expert Certification - CFLpin
POF	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-0	05.03.2025 Prommash Test - CFLpin
	Photometric and lighting design files		Document name
	Spectral power distribution		349617_FL_830

#### LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300446981	Folding box	49 mm x 46 mm x 121 mm	72.00 g	0.27 dm <sup>3</sup>
4050300446998	Shipping box 10	240 mm x 106 mm x 134 mm	680.00 g	3.41 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.