

# PRODUCT DATASHEET DULUX T/E PLUS 13 W/827

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





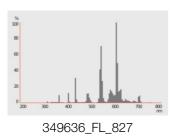
# TECHNICAL DATA

# Electrical data

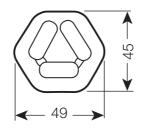
Nominal wattage	13 W
Construction wattage	14.20 W
Nominal voltage	91 V
Nominal current	0.18 A

# Photometrical data

Luminous flux	850 lm
Luminous efficacy	60 lm/W
Light color (designation)	LUMILUX INTERNA
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
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	12.00 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

Energy consumption	14.00 kWh/1000h
Country-specific categorizations	
ILCOS	FSMH-13/827-/P/-GX24q-1
Order reference	DULUX T/E 13W/8
Energy labelling regulation data acc EU 2019/2015	
Lighting technology used	CFLNI
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	GX24q-1
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
Claim of equivalent power	No
Length	106.50 mm

12.00 mm

12.00 mm

SPHERE\_360

0,463

0,420

546461

AC34236

# **EQUIPMENT / ACCESSORIES**

Chromaticity coordinate x

Chromaticity coordinate y

Beam angle correspondence

- Suitable for operation on electronic control gear

# Safety advice

Height

Width

**EPREL ID** 

Model number

- 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
PDF	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin
PDF	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin

Photometric and lighting design files	Document name
Spectral power distribution	349636_FL_827

# LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300447001	Folding box 1	49 mm x 46 mm x 121 mm	61.00 g	0.27 dm <sup>3</sup>
4050300447018	Shipping box 10	240 mm x 106 mm x 134 mm	714.00 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.