
Product datasheet

DULUX T/E PLUS 13 W/827

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



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

- Extremely economical Good quality of light Excellent luminous flux Long service life Improved maintenance OSRAM System+ Guarantee in combination with OSRAM QUICKTRONIC ECG



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Technical data

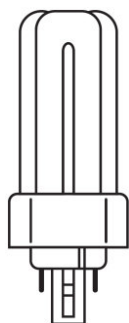
Electrical data

Nominal wattage	13.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Rated wattage	13.00 W

Photometrical data

Nominal luminous flux	900 lm
Light color (designation)	LUMILUX INTERNA
Luminous flux at	900 lm
Rated luminous flux	900 lm
Rated color temperature	2700 K
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
Color rendering index Ra	≥80
Color temperature	2700 K
Luminous flux	900 lm
Color rendering index Ra	≥80

Dimensions & weight



Diameter	11.0 mm
Overall length	104.0 mm

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Length	106.0 mm
Length acc. to IEC standard	90 mm
Length with base excl. base pins/connection	90.00 mm
Outer bulb	T12X3
Product weight	52.00 g
Maximum diameter	12.0 mm

Lifespan

Rated lamp life time	20000 h
Service life	13000 h ¹⁾
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 h	0.81
Rated lamp survival factor at 20,000 h	0.50
Operation mode LLMF/LSF	HF
Lifespan	20000 h ¹⁾
Nominal lamp life time	20000 h

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	GX24q-1
Mercury content	1.7 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Dimmable	Yes
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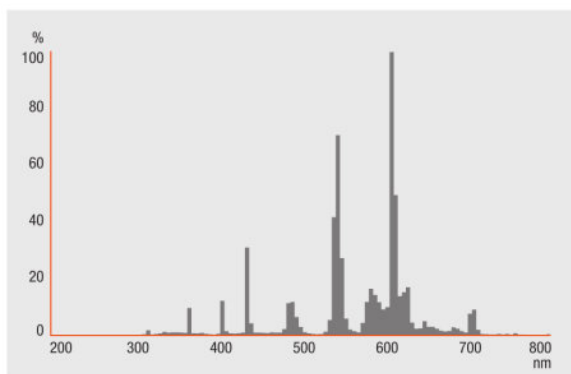
Certificates & standards

Energy efficiency class	A
Energy consumption	15 kWh/1000h

Country specific categorizations

ILCOS	FSMH-13/827-/P/-GX24q-1
Order reference	DULUX T/E 13W/8

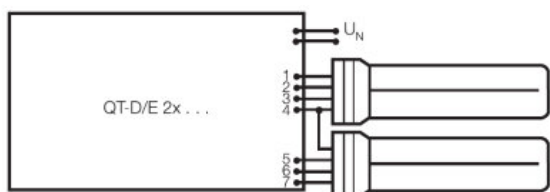
Light Distribution



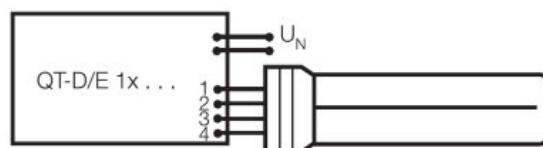
FL_827

Equipment / Accessories

- Suitable for operation on electronic control gear



SERIES CONNECTION WITH QUICKTRONIC QT-DE



SINGLE LAMP WITH QUICKTRONIC QT-DE

Product datasheet

SINGLE LAMP WITH CONTROL GEAR

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300447001	DULUX T/E PLUS 13 W/827	Shipping carton box 10 Pieces Folding carton box	260 mm x 133 mm x 107 mm	3.70 dm ³	714.00 g

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.

References / Links

For more information on QUICKTRONIC electronic control gear go to

▶ www.osram.com/QUICKTRONIC

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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DULUX T/E PLUS 13 W/827

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

Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Power factor λ [PIM]	Luminous flux at 25 °C
DULUX T/E PLUS 13 W/827	QT-ECO 1x4-16/220-240 S	4050300638584	0.10 A	14.00 W	0.60 c	800 lm
	QTP-D/E 1x10-13	4008321181572	0.07 A	15.00 W	0.95	900 lm
	QTP-D/E 2x10-13	4008321181596	0.13 A	29.00 W	0.95	900 lm

Product name	Product name ECG	EAN	Number of lighting outlets	EEL – Energy Label
DULUX T/E PLUS 13 W/827	QT-ECO 1x4-16/220-240 S	4050300638584	1	A2
	QTP-D/E 1x10-13	4008321181572	1	
	QTP-D/E 2x10-13	4008321181596	2	