

DULUX T/E PLUS 13 W/840 GX24Q

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



- Offices, public buildings
- Hotels, restaurants
- Industrial lighting
- Shops

Product benefits

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

Product features

- Average life: 20,000 h (with QUICKTRONIC)
- Color rendering index R_a : 80...89
- 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

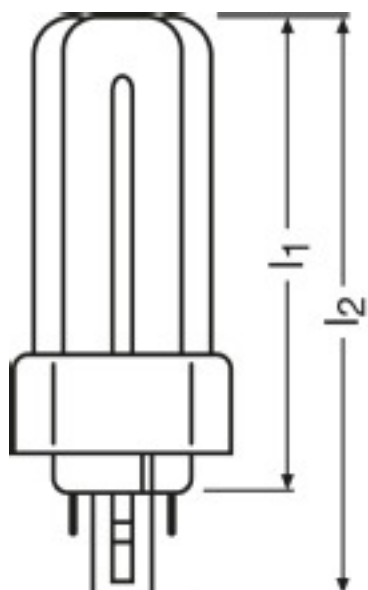
Nominal wattage	13 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	69 lm/W
Rated wattage	13.3 W

Light technical data

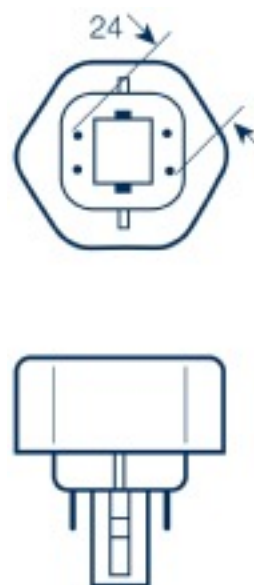
Color rendering index Ra	>=80
Rated luminous flux	900 lm
Luminous flux at 25 °C	900 lm
Light color	840
Color temperature	4000 K
Nominal luminous flux	900 lm
Light color as per EN 12464-1	LUMILUX Cool White
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.82
Rated LLMF at 12,000 h	0.79
Rated LLMF at 16,000 h	0.78
Rated LLMF at 20,000 h	0.76
Luminance	4.2 cd/cm ²

Dimensions & weight

Length	107.0 mm
Length acc. to IEC standard	90 mm
Length with base excl. base pins/connection	90.00 mm



Product line drawing with letters



Base

Colors & materials

Lamp mercury content	1.9 mg
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Temperatures

Rated ambient temp.w.max.luminous flux	25.0 °C
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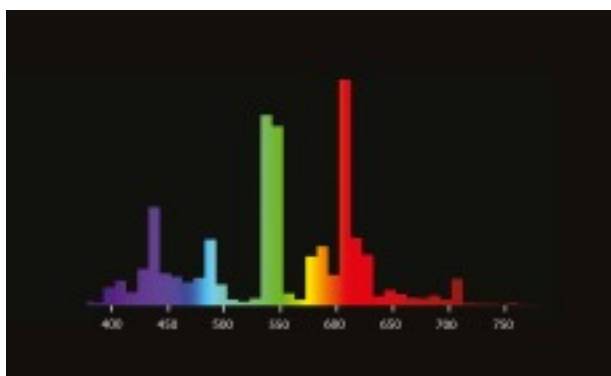
Lifespan

Service life	8000 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	0.95
Rated lamp survival factor at 8,000 h	0.88
Rated lamp survival factor at 12,000 h	0.59
Operation mode LLMF/LSF	HF
Lifespan	13000 h ¹⁾

¹⁾ With preheat ECG

Additional product data

Base (standard designation)	GX24q-1
Appropriate disposal acc. to WEEE	Yes



Spectral power distribution

Capabilities

Suitable for indoor	Yes
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Certificates & standards

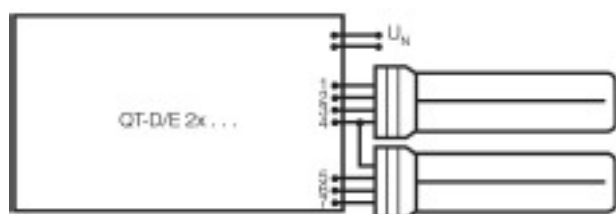
EEI - Energy Label	A
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Equipment / Accessories

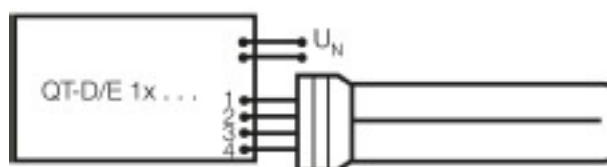
- Suitable for operation on electronic control gear

Safety advice

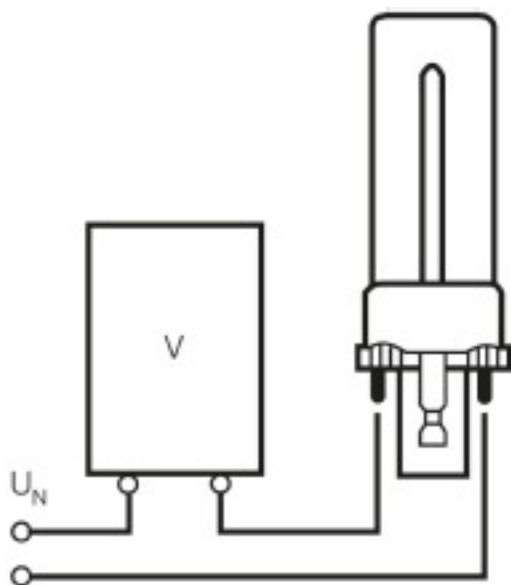
In case of lamp breakage: www.osram.com/brokenlamp



Circuit diagram



Circuit diagram



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300446967	Folding carton box 1	49 mm x 46 mm x 121 mm	61.00 g	0.27 dm ³
4050300446974	Shipping carton box 10	114 mm x 129 mm x 256 mm	754.50 g	3.76 dm ³

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.