OSRAM

DULUX T/E PLUS 13 W/830 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	830
Color temperature	3000 K
Nominal luminous flux	900 lm
Light color as per EN 12464-1	LUMILUX Warm 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/cm²

Dimensions & weight

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

OSRAM
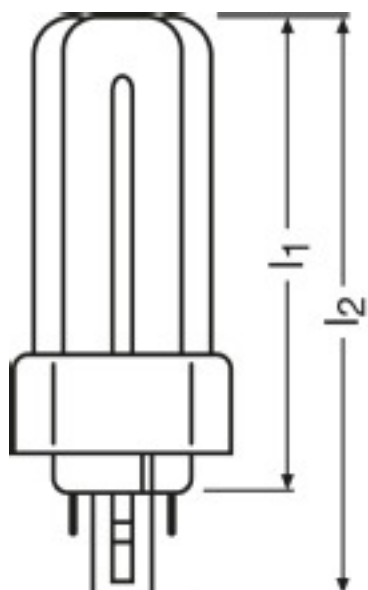
Product line drawing with letters
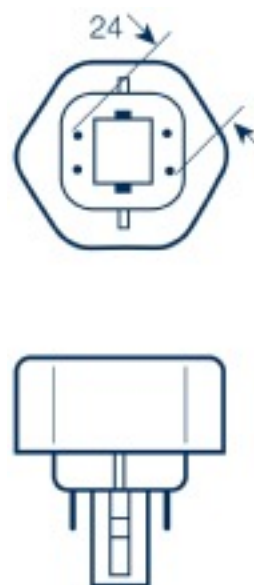
Base

Colors & materials

Lamp mercury content	1.9 mg

Temperatures

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

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

Capabilities

Suitable for indoor	Yes

Certificates & standards

EEI – Energy Label	A

—

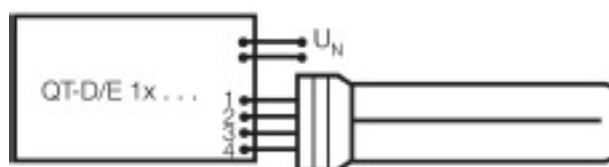# Equipment / Accessories

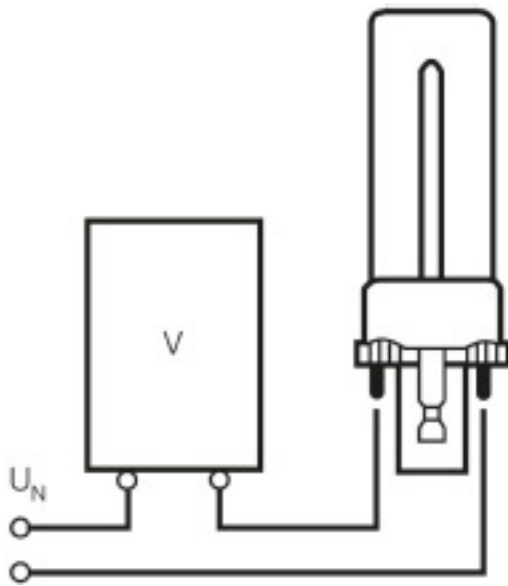· Suitable for operation on electronic control gear

Safety advice

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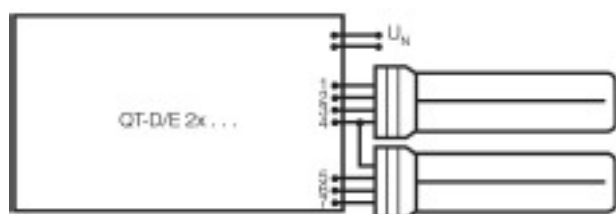
Circuit diagram

Circuit diagram

Circuit diagram

—

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300446981	Folding carton box 1	49 mm x 46 mm x 121 mm	72.00 g	0.27 dm³
4050300446998	Shipping carton box 10	107 mm x 134 mm x 256 mm	680.00 g	3.67 dm³

—

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.