

DULUX T/E IN PLUS 42 W/830 GX24Q

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



- Street and city lighting
- Locations with special thermal requirements
- Hot luminaires
- Industrial lighting

Product benefits

- Very economical
- Excellent luminous flux at high and low ambient temperatures
- Good quality of light
- Long service life
- Improved maintenance

Product features

- Short and compact pin-base lamp with triple-turn tubes
- Average life: 20,000 h (with QUICKTRONIC)
- Dimmable (3...100 %)
- Color rendering index R_a : 80...89
- Single-ended four-pin plug-in GX24q base with shortened base casing
- Luminous flux >90 % in a temperature range from +10...+70°C



Technical data

Electrical data

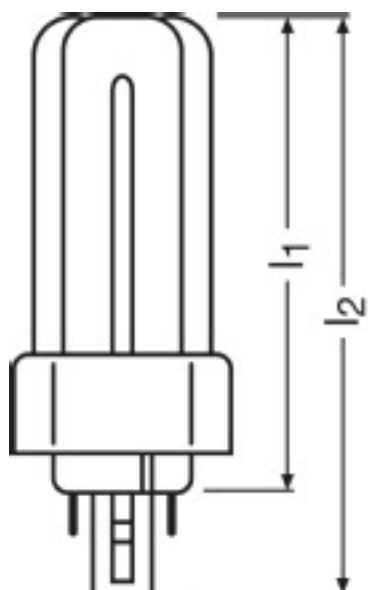
Nominal wattage	42 W
Rated lamp efficacy (HF data)	Under clarification by authority and standardization body
Rated lamp efficacy (standard condition)	74 lm/W
Rated wattage	43 W

Light technical data

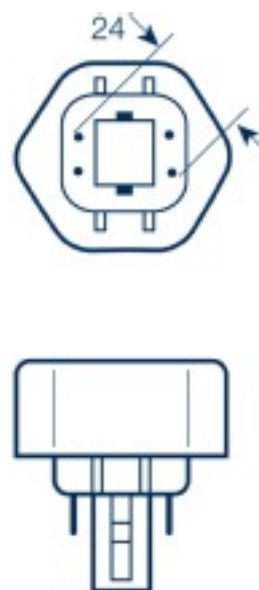
Color rendering index Ra	>=80
Rated luminous flux	3200 lm
Luminous flux at 25 °C	3200 lm
Light color	830
Color temperature	3000 K
Nominal luminous flux	3200 lm
Light color as per EN 12464-1	LUMILUX Warm White
Rated LLMF at 2,000 h	0.90
Rated LLMF at 4,000 h	0.86
Rated LLMF at 6,000 h	0.84
Rated LLMF 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	7 cd/cm ²

Dimensions & weight

Length	165.0 mm
Length acc. to IEC standard	155 mm
Length with base excl. base pins/connection	147.00 mm



Product line drawing with letters



Base

Colors & materials

Lamp mercury content	2.6 mg
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Temperatures

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

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

Lifespan	13000 h ¹⁾
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¹⁾ With preheat ECG

Additional product data

Base (standard designation)	GX24q-4
Appropriate disposal acc. to WEEE	Yes

Capabilities

Suitable for indoor	Yes
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Certificates & standards

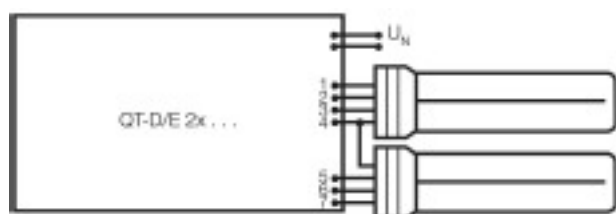
EEI – Energy Label	B
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Equipment / Accessories

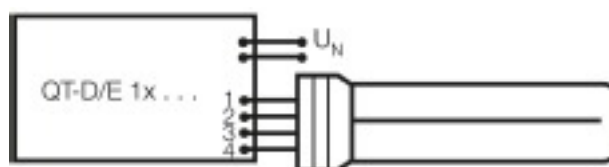
- Suitable for operation on electronic control gear

Safety advice

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



Circuit diagram



Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300425580	Folding carton box 1	49 mm x 46 mm x 175 mm	104.00 g	0.39 dm ³
4050300425597	Shipping carton box 10	145 mm x 177 mm x 256 mm	1134.50 g	6.57 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.