

# PRODUCT DATASHEET

## DULUX T/E PLUS 42 W/840

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



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### AREAS OF APPLICATION

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

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### PRODUCT BENEFITS

- 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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### 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**

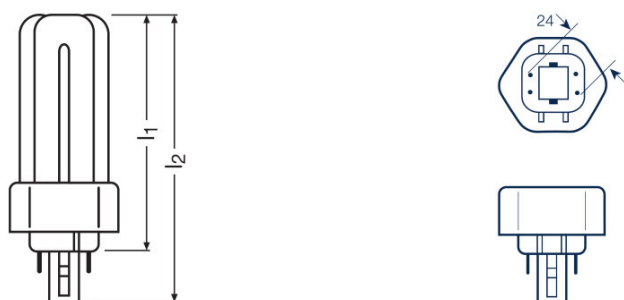
Electrical data

Nominal wattage	42.00 W
Nominal voltage	135 V
Rated lamp efficacy (HF data 25 °C)	74 lm/W
Rated wattage	43.00 W

Photometrical data

Nominal luminous flux	3200 lm
Light color (designation)	LUMILUX Cool White
Luminous flux at 25 °C	3200 lm
Rated luminous flux	3200 lm
Rated color temperature	4000 K
Color rendering index Ra	80...89
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 temperature	4000 K
Luminous flux	3200 lm
Color rendering index Ra	80...89

Dimensions & weight



Diameter	12.0 mm
Overall length	167.0 mm
Length	169.0 mm

<b>Length acc. to IEC standard</b>	155 mm
<b>Length with base excl. base pins/connection</b>	153.00 mm
<b>Outer bulb</b>	T12

### Lifespan

<b>Nominal lamp life time</b>	20000 h
<b>Rated lamp life time</b>	20000 h
<b>Service life</b>	13000 h
<b>Rated lamp survival factor at 2,000 h</b>	0.99
<b>Rated lamp survival factor at 4,000 h</b>	0.99
<b>Rated lamp survival factor at 6,000 h</b>	0.99
<b>Rated lamp survival factor at 8,000 h</b>	0.99
<b>Rated lamp survival factor at 12,000 h</b>	0.95
<b>Rated lamp survival factor at 16,000 h</b>	0.81
<b>Rated lamp survival factor at 20,000 h</b>	0.50
<b>Operation mode LLMF/LSF</b>	HF
<b>Lifespan</b>	20000 h <sup>1)</sup>

<sup>1)</sup> With preheat ECG

### Additional product data

<b>Base (standard designation)</b>	GX24q-4
<b>Mercury content</b>	1.7 mg
<b>Product remark</b>	For ECG operation only

### Capabilities

<b>Dimmable</b>	Yes
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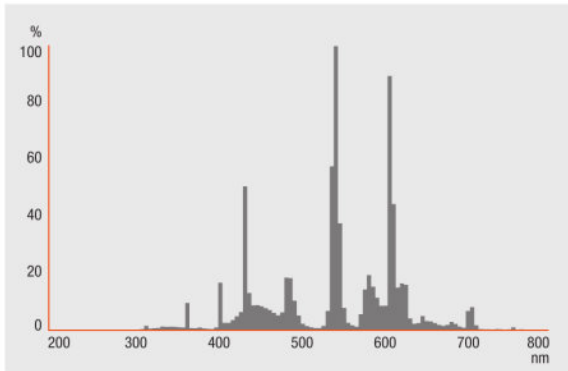
### Certificates & standards

<b>Energy efficiency class</b>	A
<b>Energy consumption</b>	48 kWh/1000h
<b>Energy efficiency class</b>	A

### Country-specific categorizations

<b>ILCOS</b>	FSMH-42/840-/P/-GX24q-4
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## Light Distribution




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Spectral power distribution

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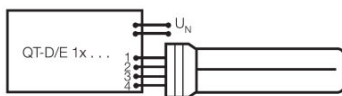
## EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic control gear

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## SAFETY ADVICE

In case of lamp breakage: [www.ledvance.com/brokenlamp](http://www.ledvance.com/brokenlamp)




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Circuit diagram

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## LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4050300425627	DULUX T/E PLUS 42 W/840	Shipping carton box 10	222 mm x 191 mm x 139 mm	5.89 dm <sup>3</sup>	999.00 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.

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#### DISCLAIMER

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

## 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	Luminous flux at 25 °C	Number of lighting outlets
DULUX T/E PLUS 42 W/840	QTi DALI-T/E 1x18-57 DIM	4008321060808	0.21 A	47.00 W	3200 lm	1
	QTi DALI-T/E 2x18-42 DIM	4008321060822	0.39 A	90.00 W	3200 lm	2
	QTi-T/E 1x18-57 DIM	4008321060860	0.21 A	47.00 W	3200 lm	1
	QTi-T/E 2x18-42 DIM	4008321060846	0.39 A	90.00 W	3200 lm	2
	QT-M 2x26-42/220-240 S	4008321110022	0.39 A	92.00 W	3200 lm	2
	QTP-M 1x26-42	4008321329134	0.20 A	46.00 W	3200 lm	1
	QTP-M 2x26-32	4008321329158	0.20 A	46.00 W	3200 lm	1
	QTP-T/E 1x26-42, (2x26)	4008321537089	0.20 A	45.00 W	3200 lm	1