DULUX T/E PLUS 42 W/840

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

Areas of application

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

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

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

Product datasheet

Technical data

Electrical data

Nominal wattage	43.00 W
Rated wattage	43.00 W
Rated lamp efficacy (HF data 25 °C)	Under clarification by authority and standardization body
Energy consumption	51 kWh/1000h

Photometrical data

Nominal luminous flux	3200 lm
Rated luminous flux	3200 lm
Color temperature	4000 K
Light color	840
Light color as per EN 12464-1	LUMILUX Cool White
Color rendering index Ra	80...89
Luminous flux at 25 °C	3200 lm
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/cm²
Color rendering group	1B

Dimensions & weight

Product datasheet
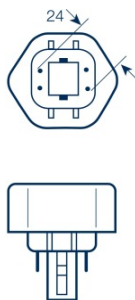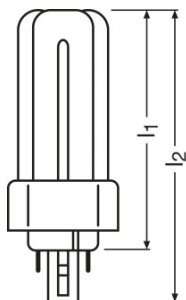
Product line drawing

Base

Overall length	169.0 mm
Product weight	79.80 g
Tube diameter	12 mm
Length	169.0 mm
Length acc. to IEC standard	155 mm
Length with base excl. base pins/connection	153.00 mm

Colors & materials

Lamp mercury content	2.6 mg

Temperatures

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

Lifespan

Nominal lamp life time	20000 h
Rated lamp life time	20000 h
Service life	13000 h
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]

Product datasheet

Additional product data
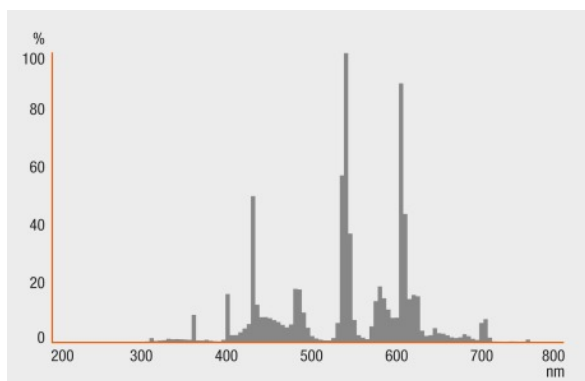
Spectral power distribution

Base (standard designation)	GX24q-4
Appropriate disposal acc. to WEEE	Yes
Footnote only for product	For ECG operation only

Capabilities

Dimmable	Yes
Suitable for indoor	Yes

Certificates & standards

Energy efficiency class	A

Country specific categorizations

ILCOS	FSMH-42/840-/P/-GX24q-4

Country specific information

Product code	METEL code	SEG number	STK number	UK Org
4050300425627	OSRDTE42840	8330296	4934050	-

Product datasheet

Lamp-ECG combination (System)

| Product name	Product name ECG	EAN	Nominal current	Nominal wattage + Power loss	Luminous flux at 25 °C	Number of lighting outlets
DULUX T/E 42W/840 PLUS GX24Q	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
	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

Product datasheet

Guarantee

Equipment / Accessories

• Suitable for operation on electronic control gear

Safety advice

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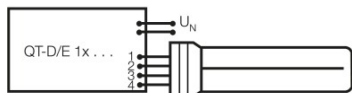
Circuit diagram

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Volume	Gross weight
4050300425627	DULUX T/E PLUS 42 W/840	Folding carton box 1	49 mm x 46 mm x 175 mm	0.39 dm³	91.00 g
4050300425634	DULUX T/E PLUS 42 W/840	Shipping carton box 10	139 mm x 191 mm x 222 mm	5.89 dm³	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.

Product datasheet

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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