

PRODUCT DATASHEET

DULUX T/E PLUS 42 W/830

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

- Improved maintenance

Product features

- Good color rendering index
- 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



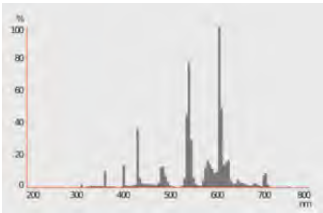
TECHNICAL DATA

Electrical data

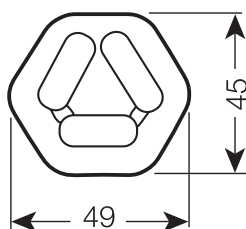
Nominal wattage	42 W
Construction wattage	43.40 W
Nominal voltage	135 V
Nominal current	0.32 A

Photometrical data

Luminous flux	3050 lm
Luminous efficacy	70 lm/W
Light color (designation)	LUMILUX Warm White
Color temperature	3000 K
Color rendering index Ra	≥80
Light color	830
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



Dimensions & Weight



Overall length	169.00 mm
Length with base excl. base pins/connection	153.00 mm
Diameter	12 mm
Tube diameter	12 mm
Product weight	80.00 g

Temperatures & operating conditions

Ambient temperature range	-5...+40 °C
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Lifespan

Nominal 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	0.99
Rated lamp survival factor at 6,000	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	0.81
Rated lamp survival factor at 20,000 h	0.50
Lifespan B50	20000 h

Additional product data

Base (standard designation)	GX24q-4
Mercury content	2.0 mg
Product remark	For ECG operation only

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	G
Energy consumption	44.00 kWh/1000h

Country-specific categorizations

ILCOS	FSMH-42/830-/P/-GX24q-4
Order reference	DULUX T/E 42W/8

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	CFLNI
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	GX24q-4
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	169.00 mm
Height	12 mm
Width	12 mm
Chromaticity coordinate x	0,440
Chromaticity coordinate y	0,403
Beam angle	SPHERE_360
EPREL ID	546478,546478
Model number	AC34253,AC34253

EQUIPMENT / ACCESSORIES

- Suitable for operation on electronic control gear

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300425641	Folding box 1	175 mm x 46 mm x 49 mm	91.00 g	0.39 dm ³
4050300425658	Shipping box 10	218 mm x 191 mm x 140 mm	999.00 g	5.83 dm ³

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.

DISCLAIMER

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