PRODUCT DATASHEET
DULUX T/E PLUS 18 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

- 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





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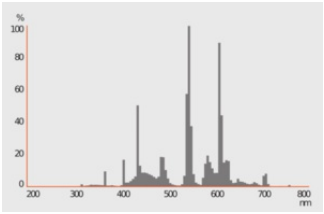
TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	19.00 W
Nominal voltage	100 V
Nominal current	0.23 A

Photometrical data

Luminous flux	1200 lm
Luminous efficacy	63 lm/W
Light color (designation)	LUMILUX Cool White
Color temperature	4000 K
Color rendering index Ra	≥80
Light color	840
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

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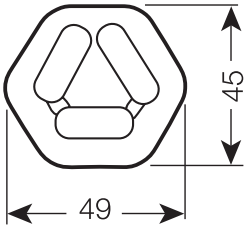

Overall length	117.00 mm
Length with base excl. base pins/connection	101,00 mm
Diameter	12.00 mm
Tube diameter	12 mm
Product weight	56.00 g

Temperatures & operating conditions

Ambient temperature range	-5…+40 °C

Lifespan

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

Additional product data

Base (standard designation)	GX24q-2
Mercury content	2.0 mg
Product remark	For ECG operation only

Capabilities

Dimmable	Yes

Certificates & Standards

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Energy efficiency class	G
Energy consumption	19.00 kWh/1000h

Country-specific categorizations

ILCOS	FSMH-18/840-/P/-GX24q-2
Order reference	DULUX T/E 18W/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-2
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	117.00 mm
Height	12.00 mm
Width	12.00 mm
Chromaticity coordinate x	0,380
Chromaticity coordinate y	0,380
Beam angle correspondence	SPHERE_360
EPREL ID	546466
Model number	AC34241

EQUIPMENT / ACCESSORIES

– Suitable for operation on electronic control gear

Safety advice

– In case of lamp breakage: www.ledvance.com/brokenlamp

DOWNLOAD DATA

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	Documents and certificates
PDF	Declarations Of Conformity CE
PDF	Certificates

	Photometric and lighting design files
	Spectral power distribution

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300342221	Folding box 1	45 mm x 48 mm x 127 mm	67.00 g	0.27 dm^3
4050300342238	Shipping box 10	240 mm x 102 mm x 146 mm	777.00 g	3.57 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.

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