

PRODUCT DATASHEET DULUX T PLUS 18 W/840

OSRAM DULUX® T PLUS | CFLni, 3 tubes, with 2-pin base for CCG 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
- Short and compact pin-base lamp with triple-turn tubes
- Single-ended two-pin plug-in GX24d base





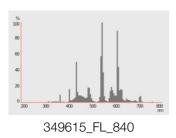
TECHNICAL DATA

Electrical data

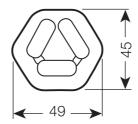
Nominal wattage	18 W
Construction wattage	19.00 W
Nominal voltage	100 V
Nominal current	0.23 A

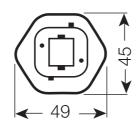
Photometrical data

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	0.85
Rated LLMF at 4,000 h	0.78
Rated LLMF at 6,000 h	0.76
Rated LLMF at 8,000 h	0.75



Dimensions & Weight





Overall length	124.00 mm
Length with base excl. base pins/connection	101,00 mm
Diameter	12.00 mm
Tube diameter	12 mm
Product weight	56.5 g

Temperatures & operating conditions

Ambient temperature range	-5 ±40 °C
7 inbient temperature range	0140 0

Lifespan

Service life	6500 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	0.95
Rated lamp survival factor at 8,000 h	0.81
Lifespan B50	10000 h

Additional product data

Base (standard designation)	GX24d-2	
Mercury content	2.0 mg	
Product remark	Suitable only for operation with 0.22 A control gear	

Capabilities

Dimmable	
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Certificates & Standards

Energy efficiency class	G
Energy consumption	19.00 kWh/1000h

Country-specific categorizations

Order reference	DULUX T 18W/840	
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)	GX24d-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	124.00 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	546457	
Model number	AC34232	

EQUIPMENT / ACCESSORIES

- Suitable for operation on conventional control gear
- Suitable for 0.22 A control gear only (DULUX T 18 W PLUS)

Safety advice

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

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4077884-EN-00 - DULUX T

	Documents and certificates	Document name
PDF	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin
PDF	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin
	Photometric and lighting design	gn files Document name
	Spectral power distribution	349615_FL_840

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300333465	Folding box 1	45 mm x 48 mm x 127 mm	70.00 g	0.27 dm ³
4050300333472	Shipping box 10	240 mm x 102 mm x 146 mm	773.00 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.