

product_datasheet_title

DULUX T/E PLUS 18 W/840

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



technical_data

ELECTRICAL DATA

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

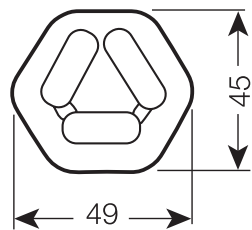
PHOTOMETRICAL DATA

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



349615_FL_840

DIMENSIONS & WEIGHT



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
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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
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CERTIFICATES & STANDARDS

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

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

download_data

Documents and certificates		document_name
	Declarations Of Conformity CE	EC Declaration of Conformity - 2021 9C1-4077884-EN-00 - DULUX T
	Certificates	EAC N RU D-DE.MU62.B.00933_20 06.03.2020-05.03.2025 Prommash Test - CFLpin
	Certificates	EAC RU C-DE.HA46.B.01131_21 21.05.2021-20.05.2026 Expert Certification - CFLpin

Photometric and lighting design files		document_name
	Spectral power distribution	349615_FL_840

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4050300342221	Folding box 1	45 mm x 48 mm x 127 mm	67.00 g	0.27 dm³
4050300342238	Shipping box 10	240 mm x 102 mm x 146 mm	777.00 g	3.57 dm³

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