

PRODUCT DATASHEET

18 W/6500 K

SMARTLUX® PRO T8 | Tubular fluorescent lamps 26 mm, with G13 bases



TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	19.10 W
Nominal voltage	57 V
Nominal current	0.37 A

Photometrical data

Luminous flux	1250 lm
Luminous efficacy	65 lm/W
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Rated LLMF at 2,000 h	0.95
Rated LLMF at 4,000 h	0.93
Rated LLMF at 6,000 h	0.92
Rated LLMF at 8,000 h	0.90
Rated LLMF at 12,000 h	0.90
Rated LLMF at 16,000 h	0.89



349641_FL_865

Dimensions & Weight

Overall length	604.00 mm
Length with base excl. base pins/connection	590,00 mm
Diameter	26,0 mm
Tube diameter	26 mm
Product weight	77.00 g

Lifespan

Service life	16000 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	0.99
Rated lamp survival factor at 16,000	0.90
Lifespan B50	18000 h

Additional product data

Base (standard designation)	G13
Mercury content	3.0 mg

Capabilities

Dimmable	Yes
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Certificates & Standards

Energy efficiency class	G
Energy consumption	20.00 kWh/1000h

Country-specific categorizations

Order reference	L 18W/865
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Energy labelling regulation data acc EU 2019/2015

Lighting technology used	OTHER_FL
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	G13
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	604.00 mm
Height	26,0 mm
Width	26,0 mm
Chromaticity coordinate x	0,313
Chromaticity coordinate y	0,337
Beam angle correspondence	SPHERE_360
EPREL ID	546330
Model number	AC34097

DOWNLOAD DATA

Documents and certificates	Document name
 Declarations of conformity	EC Declaration of Conformity - 2021 9C1-4075954-EN-00 - T8 SMARTLUX

Photometric and lighting design files	Document name
 Spectral power distribution	349641_FL_865

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321874269	Sleeve 1	27 mm x 28 mm x 605 mm	103.00 g	0.46 dm ³
4008321874276	Shipping box 25	625 mm x 145 mm x 150 mm	2603.00 g	13.59 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.