PRODUCT DATASHEET
SPC.T SLIM 60 320 ° 6.3 W/2700 K B15d

LED SPECIAL T SLIM | Slim LED lamps with B15d base



Areas of application

- Small designer luminaires
- Luxurious living areas
- Outdoor use in suitable outdoor luminaires only

Product benefits

- Easy replacement of halogen lamps thanks to compact design
- Ideal in particular for many small designer luminaires
- Long lifetime of up to 15,000 h
- Lower thermal output (compared with the standard reference product)
- Three year guarantee
- Lower energy consumption than incandescent or halogen lamps

Product features

- LED replacement for halogen lamps with B15d base
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity
- Not dimmable





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TECHNICAL DATA

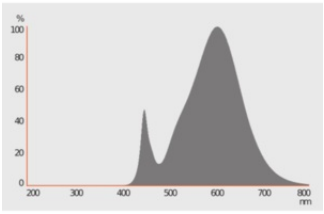
Electrical data

Nominal wattage	6.3 W
Construction wattage	6.30 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	60 W
Nominal current	51 mA
Type of current	AC
Inrush current	4.33 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	15
Max. lamp number on MCB B16 A	25
Power factor λ	> 0.50

Photometrical data

Luminous intensity	not applicable
Luminous flux	806 lm
Nominal useful luminous flux 90°	806 lm
Luminous efficacy	127 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	≥80
Light color	827
Standard deviation of color matching	≤6 sdcm
Rated LLMF at 6,000 h	0.80
Flickering metric (Pst LM)	1.0
Stroboscope effect metric (SVM)	0,4

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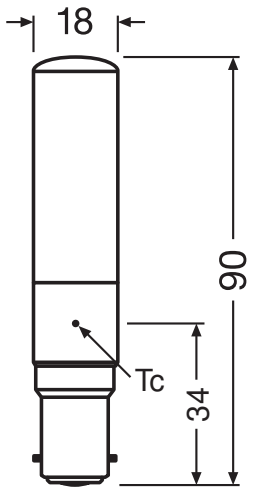


349927_2700K_Evl_5630.eps

Light technical data

Beam angle	320 °
Warm-up time (60 %)	‹ 0.50 s
Starting time	< 0.5 s

Dimensions & Weight



Overall length	90.00 mm
Diameter	18,0 mm
Maximum diameter	18 mm
Product weight	29.00 g

Temperatures & operating conditions

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Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	95 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.70
Rated lamp survival factor at 6,000 h	≥ 0.90

Additional product data

Base (standard designation)	B15d
Mercury content	0.0 mg
Mercury-free	Yes
Product remark	All technical parameters apply to the entire lamp / Due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value

Capabilities

Dimmable	No

Certificates & Standards

Energy efficiency class	E [1)]
Energy consumption	7.00 kWh/1000h
Type of protection	IP20
Standards	CE / EAC
Photobiological safety group acc. to EN62778	RG1

1) Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency)

Country-specific categorizations

Order reference	LEDTSLIM60 6,3W

Energy labelling regulation data acc EU 2019/2015

Lighting technology used	LED
Non-directional or directional	NDLS
Mains or non-mains	MLS
Light source cap-type (or other electric interface)	B15d
Connected light source (CLS)	No

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Color-tuneable light source	No
Envelope	No
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Networked standby power for CLS	0 W
Claim of equivalent power	Yes
Length	90.00 mm
Height	18,0 mm
Width	18,0 mm
Chromaticity coordinate x	0,461
Chromaticity coordinate y	0,411
Beam angle correspondence	SPHERE_360
Survival factor	0,90
Displacement factor	0,5
LED light source replaces a fluorescent light source	No

Safety advice

– To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	Declarations of conformity	EC Declaration of Conformity LED Special T Slim

	Photometric and lighting design files	Document name
	Spectral power distribution	349927_2700K_Evl_5630.eps

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075272026	Folding box 1	39 mm x 39 mm x 100 mm	34.00 g	0.15 dm^3

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075272033	Shipping box 4	96 mm x 90 mm x 109 mm	183.00 g	0.94 dm^3
4058075272064	Shipping box 48	281 mm x 203 mm x 235 mm	2283.00 g	13.41 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.

References / Links

- For dimming conformity see www.ledvance.com/dim
- For Guarantee see www.ledvance.com/guarantee

DISCLAIMER

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