

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 Ra; ≥ 80; constant chromaticity
- Not dimmable





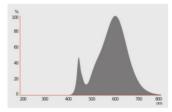
TECHNICAL DATA

Electrical data

Nominal wattage	6.3 W
Construction wattage	6.30 W
Nominal voltage	220240 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

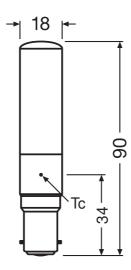


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Light technical data

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

Lifespen L70/B50 at 25 °C Number of switching cycles Lumen maintenance at end of service lifetime 0.70 Rated lamp survival factor at 6,000 h Additional product data Base (standard designation) Mercury content Mercury-free Yes All technical parameters apply to the entire lamp / Due to the complex product nemark 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 Cartificates & Standards Energy efficiency class Energy efficiency class Energy efficiency class Energy efficiency class Energy efficiency class (EE) RG1 Photobiological safety group acc. to EN62778 RG1 Energy efficiency class (EEC) on a scale of A++ (highest efficiency) to E (lowest efficiency) Country-specific categorizations Order reference LEDTSLIM60 6,5W		
Lifespan L70/B50 at 25 °C	Ambient temperature range	-20+40 °C
Lifespain 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 0.00 mg Mercury-free Yes Product remark All technical parameters apply to the entire lamp / Due to the complex production process for light-entiting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not nocessarily match the actual technical parameters of each individual product, which can vary from the typical values Capabilities Dimmable No Certificates & Standards Energy efficiency class Energy efficiency consumption 7.00 kWh/1000h Type of protection P20 Standards CE / EAC Photobiological safety group acc. to EN62778 RG1 Dimercy efficiency class (ECC) on a scale of A++ (highest efficiency) to E (lowest efficiency) Country-specific categorizations Order reference LEDTSLIM60 6,3W	Maximum temperature at tc test point	95 °C
Number of switching cycles Lumen maintenance at end of service lifetime 0.70 Rated lamp survival factor at 6,000 h Additional product data Base (standard designation) Mercury content 0.0 mg Mercury-free Yes All technical parameters apply to the entire lamp / Due to the complex product nemark Product remark Product remark All technical 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 Energy encountable Standards CE / EAC Photobiological safety group acc. to EN62778 Country-specific categorizations Order reference LEDTSLIM60 6,3W Energy labelling regulation data acc EU 2019/2015	Lifespan	
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 E19 Energy efficiency class E19 Standards CF / EAC Photobiological safety group acc. to EN62778 RG1 Discrept 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	Lifespan L70/B50 at 25 °C	15000 h
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Base (standard designation) B15d Mercury content 0.0 mg Mercury-free Yes All technical parameters apply to the entire lamp / Due to the complex product remark Product remark All technical parameters apply to the entire lamp / Due to the complex product remark All technical parameters apply to the entire lamp / Due to the complex product 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 Dirmable 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 Percy 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	Lumen maintenance at end of service lifetime	0.70
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Mercury content Mercury-free Yes 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 Energy consumption 7.00 kWh/1000h Type of protection IP20 Standards CE / EAC Photobiological safety group acc. to EN62778 RG1 Country-specific categorizations Order reference LEDTSLIM60 6.3W Energy labelling regulation data acc EU 2019/2015	Additional product data	
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Product remark 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 E19 Energy consumption 7.00 kWh/1000h Type of protection IP20 Standards CE / EAC Photobiological safety group acc. to EN62778 RG1 Country-specific categorizations Order reference LEDTSLIM60 6,3W Energy labelling regulation data acc EU 2019/2015	Mercury-free	Yes
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Energy consumption 7.00 kWh/1000h Type of protection IP20 Standards CE / EAC Photobiological safety group acc. to EN62778 RG1 Stenergy 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	Certificates & Standards	
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	Energy efficiency class	E 1)
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	Energy consumption	7.00 kWh/1000h
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	Type of protection	IP20
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	Standards	CE / EAC
Country-specific categorizations Order reference LEDTSLIM60 6,3W Energy labelling regulation data acc EU 2019/2015	Photobiological safety group acc. to EN62778	RG1
Order reference LEDTSLIM60 6,3W Energy labelling regulation data acc EU 2019/2015		(lowest efficiency)
Energy labelling regulation data acc EU 2019/2015	Country-specific categorizations	
	Order reference	LEDTSLIM60 6,3W
Lighting technology used LED	Energy labelling regulation data acc EU 2019/2015	
	Lighting technology used	LED

NDLS

MLS

B15d

No

August 03, 2025, 12:33:36

SPC.T SLIM 60 320 ° 6.3 W/2700 K B15d

Non-directional or directional

Connected light source (CLS)

Light source cap-type (or other electric interface)

Mains or non-mains

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

- Do not touch the lamp if broken.
- Must not be used if outer bulb is defective.
- 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
4058075272033	Shipping box	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 dm³

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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