PRODUCT DATASHEET
LED T Slim 60 320° DIM 6.5W 827 Clear GU10

LED SPECIAL T SLIM DIM | Dimmable slim LED lamps



Areas of application

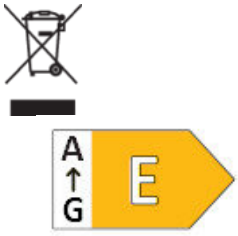
- Small designer luminaires
- Wherever compact and efficient lamps are needed
- Outdoor use in suitable outdoor luminaires only

Product benefits

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

Product features

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index R_a: ≥ 80; constant chromaticity



TECHNICAL DATA

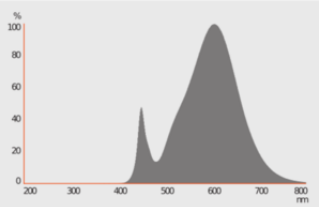
Electrical data

Nominal wattage	6.5 W
Construction wattage	6.50 W
Nominal voltage	220…240 V
Operating mode	AC Mains
Claimed equiv. conventional lamp power	60 W
Nominal current	37 mA
Type of current	AC
Inrush current	0.202 A
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Max. lamp number on MCB B10 A	216
Max. lamp number on MCB B16 A	345
Maximum total harmonic distortion	96.1 %
Power factor λ	> 0.50

Photometrical data

Luminous flux	806 lm
Luminous efficacy	124 lm/W
Lumen main.fact.at end of nom.life time	0.93
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm
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	72.00 mm
Diameter	20.00 mm
Maximum diameter	20 mm
Product weight	22.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	101.4 °C

Lifespan

Lifespan L70/B50 at 25 °C	15000 h
Number of switching cycles	100000
Lumen maintenance at end of service lifetime	0.93

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Additional product data

Base (standard designation)	GU10
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Clear
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	Yes [1)]

1) Check dimmer compatibility at ledvance.com/compatibility

Certificates & Standards

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

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

Country-specific categorizations

Order reference	LEDTSLIM60D 6,5

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

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)	GU10
Connected light source (CLS)	No
Color-tuneable light source	No
Envelope	No
High luminance light source	No

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Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Standby power	0 W
Claim of equivalent power	Yes
Length	72.00 mm
Height	20.00 mm
Width	20.00 mm
Chromaticity coordinate x	0.4578
Chromaticity coordinate y	0.4101
R9 Colour rendering index	1
Beam angle correspondence	SPHERE_360
Survival factor	0.9
Displacement factor	0.5
LED light source replaces a fluorescent light source	No
EPREL ID	522885,1877436,2365058
Model number	AC32104,AC58997,AC58997,AC84152

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	LED SLIM LINE 78 60 NON-DIM
PDF	Declarations of conformity	LED TSLIM
PDF	Declarations of conformity	LED lamp
PDF	Declarations of conformity UKCA	LED TSLIM
PDF	Declarations of conformity UKCA	LED lamp

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

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LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075607378	Folding box 1	21 mm x 49 mm x 130 mm	50.00 g	0.13 dm^3
4058075607385	Shipping box 6	111 mm x 83 mm x 106 mm	364.00 g	0.98 dm^3
4058075607392	Shipping box 96	350 mm x 238 mm x 239 mm	6309.00 g	19.91 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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