

PRODUCT DATASHEET LED T Slim 60 320° 7W 827 Clear 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





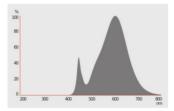
TECHNICAL DATA

Electrical data

| Nominal wattage | 7 W |
|--|----------|
| Construction wattage | 7.00 W |
| Nominal voltage | 220240 V |
| Operating mode | AC Mains |
| Claimed equiv. conventional lamp power | 60 W |
| Nominal current | 40 mA |
| Type of current | AC |
| Inrush current | 2.6 A |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Max. lamp number on MCB B10 A | 42 |
| Max. lamp number on MCB B16 A | 52 |
| Total harmonic distortion | < 150 % |
| Power factor λ | > 0.50 |

Photometrical data

| Luminous flux | 806 lm |
|---|------------|
| Nominal useful luminous flux 90° | 806 lm |
| Luminous efficacy | 115 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 |

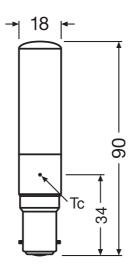


349927_2700K_Evl_5630.eps

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 | 18.00 mm |
| Maximum diameter | 18 mm |
| Product weight | 29.00 g |

Temperatures & operating conditions

| Ambient temperature range | -20+40 °C | | |
|--|--|--|--|
| Maximum temperature at tc test point | 90 °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 | | |
| 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 | 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 | | |
| Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lo Country-specific categorizations | owest efficiency) | | |
| Order reference | LEDTSLIM60 7W/8 | | |
| LOGISTICAL DATA | | | |
| Temperature range at storage | range at storage -20+80 °C | | |
| | | | |

LED

Lighting technology used

| Non-directional or directional | NDLS |
|--|--------------|
| Mains or non-mains | MLS |
| Light source cap-type (or other electric interface) | B15d |
| 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 |
| Standby power | 0.00 |
| Claim of equivalent power | Yes |
| Length | 90.00 mm |
| Height | 18.00 mm |
| Width | 18.00 mm |
| Chromaticity coordinate x | 0.458 |
| Chromaticity coordinate y | 0.410 |
| R9 Colour rendering index | 1 |
| Beam angle correspondence | SPHERE_360 |
| Survival factor | 0.90 |
| Displacement factor | 0.50 |
| LED light source replaces a fluorescent light source | No |
| EPREL ID | 522903 |
| Model number | AC32095 |

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 |

| 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 |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075606968 | Folding box | 39 mm x 39 mm x 100 mm | 34.00 g | 0.15 dm ³ |
| 4058075606975 | Shipping box 4 | 96 mm x 90 mm x 109 mm | 178.00 g | 0.94 dm ³ |
| 4058075606982 | 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

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.