

PRODUCT DATASHEET

SPC.T SLIM 60 320 ° 7 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
- Very low energy consumption
- Lower thermal output (compared with the standard reference product)
- Three year guarantee

Product features

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



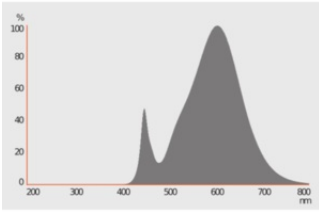
TECHNICAL DATA

Electrical data

| | |
|--|-------------|
| Nominal wattage | 7 W |
| Construction wattage | 7.00 W |
| Nominal voltage | 220...240 V |
| 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 no. on circuit break. 10 A (B) | 42 |
| Max. lamp no. on circuit break. 16 A (B) | 52 |
| Total harmonic distortion | < 150 % |
| Power factor λ | > 0.50 |

Photometrical data

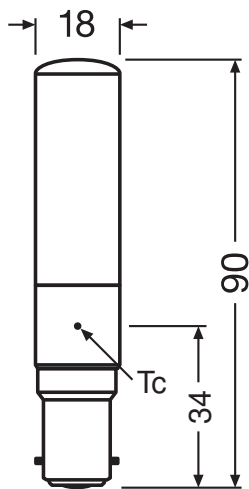
| | |
|---|------------|
| Luminous flux | 806 lm |
| Nominal useful luminous flux 90° | 806 lm |
| Luminous efficacy | 115 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Warm White |
| Color temperature | 2700 K |
| Color rendering index Ra | ≥80 |
| Light color | 827 |
| Standard deviation of color matching | ≤6 sdcn |
| Rated LLMF at 6,000 h | 0.80 |
| Flickering metric (Pst LM) | 1.0 |
| Stroboscope effect metric (SVM) | 0.4 |



Light technical data

| | |
|------------------------------------|----------|
| Beam angle | 320 ° |
| Warm-up time (60 %) | < 0.50 s |
| Starting time | < 0.5 s |
| Rated beam angle (half peak value) | 320.00 ° |

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 | 15000 h |
| Number of switching cycles | 100000 |
| Lumen maintenance at end of serv | 0.70 |
| Rated lamp survival factor at 6,000 | ≥ 0.90 |

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | B15d |
| Mercury content | 0.0 mg |
| Design / version | Clear |

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 G (lowest efficiency)

Country-specific categorizations

| | |
|-----------------|-----------------|
| Order reference | LEDTSLIM60 7W/8 |
|-----------------|-----------------|

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) | 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 | 0.00 |
| 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,AC32095,AC32095 |

Safety advice

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

DOWNLOAD DATA

DOWNLOAD DATA



Declarations of conformity

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|----------------------|
| 4058075606968 | Folding box 1 | 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 |

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 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 further products and actual information concerning LED lamps see www.ledvance.com/ledlamps
- 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.