

PRODUCT DATASHEET

LED VALUE HW 40 18 W/2700 K B22d

LED VALUE HIGH WATTAGE | LED lamps with classic bulbs, high wattage



Areas of application

- Suitable for indoor applications.
- Warehouses
- Workshops
- Stadiums
- Car parks

Product benefits

- Energy savings of up to 50 % compared to conventional compact fluorescent lamps
- Accessory cover works as a reflector and increase the illuminance up to 100 %
- Wide beam angle: 200°
- Long lifetime of up to 20,000 h
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

Product features

- Luminous efficacy: up to 100 lm/W
- Color rendering index R_a : ≥ 80
- Power factor: 0.9
- Mercury-free lamps



TECHNICAL DATA

Electrical data

Nominal wattage	18 W
Construction wattage	18.00 W
Nominal voltage	100...240 V
Claimed equiv. conventional lamp power	40 W
Nominal current	220 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.90

Photometrical data

Luminous flux	2070 lm
Nominal useful luminous flux 90°	2070 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 sdc _m

Light technical data

Beam angle	180 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	135.00 mm
Diameter	80.00 mm
Maximum diameter	80 mm

Product weight	68.00 g
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Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	78 °C

Lifespan

Number of switching cycles	100000
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Additional product data

Base (standard designation)	B22d
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP20
Standards	CB / EMC / ROHS
Photobiological safety group acc. to EN62778	RG0

Country-specific categorizations

Order reference	LV HW 18W/827 1
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LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	B22d
Length	135.00 mm
Height	80.00 mm
Width	80.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854173769	Folding box 1	82 mm x 82 mm x 142 mm	107.00 g	0.95 dm ³
4099854173776	Shipping box 10	432 mm x 187 mm x 174 mm	1405.00 g	14.06 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.

DISCLAIMER

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