PRODUCT DATASHEET
LED VALUE HW 100 45 W/2700 K E27

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	45 W
Construction wattage	45.00 W
Nominal voltage	100…240 V
Claimed equiv. conventional lamp power	100 W
Nominal current	550 mA
Type of current	AC
Operating frequency	50/60 Hz
Mains frequency	50/60 Hz
Power factor λ	0.90

Photometrical data

Luminous flux	5175 lm
Luminous efficacy	115 lm/W
Light color (designation)	Warm White
Color temperature	2700 K
Color rendering index Ra	80
Light color	827
Standard deviation of color matching	≤6 sdcm

Light technical data

Beam angle	180 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	203.00 mm
Diameter	138.00 mm
Maximum diameter	138 mm
Product weight	230.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C
Maximum temperature at tc test point	82 °C

Lifespan

Number of switching cycles	100000

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg
Mercury-free	Yes
Design / version	Frosted

Capabilities

Dimmable	No

Certificates & Standards

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

Country-specific categorizations

Order reference	LV HW 45W/827 1

LOGISTICAL DATA

Temperature range at storage	-20…+80 °C

Energy labelling regulation data acc EU 2019/2015

Light source cap-type (or other electric interface)	E27
Length	203.00 mm
Height	138.00 mm
Width	138.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854174148	Folding box 1	140 mm x 140 mm x 212 mm	312.00 g	4.16 dm³
4099854174155	Shipping box 10	721 mm x 301 mm x 244 mm	3802.00 g	52.95 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.

DISCLAIMER

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