

PRODUCT DATASHEET

LED VALUE HW 90 45 W/6500 K E40

LED VALUE CLASSIC A 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 | 220...240 V |
| Claimed equiv. conventional lamp power | 90 W |
| Nominal current | 203 mA |
| Type of current | AC |
| Operating frequency | 50/60 Hz |
| Mains frequency | 50/60 Hz |
| Power factor λ | > 0.90 |

Photometrical data

| | |
|---|---------------------|
| Luminous flux | 4500 lm |
| Nominal useful luminous flux 90° | 4500 lm |
| Luminous efficacy | 100 lm/W |
| Lumen main.fact.at end of nom.life time | 0.70 |
| Light color (designation) | Cool Daylight |
| Color temperature | 6500 K |
| Color rendering index Ra | ≥80 |
| Light color | 865 |
| Standard deviation of color matching | ≤6 sdc _m |

Light technical data

| | |
|---------------|---------|
| Beam angle | 200 ° |
| Starting time | < 0.5 s |

Dimensions & Weight

| | |
|------------------|-----------|
| Overall length | 256.00 mm |
| Diameter | 137.00 mm |
| Maximum diameter | 137 mm |

| | |
|----------------|----------|
| Product weight | 350.00 g |
|----------------|----------|

Temperatures & operating conditions

| | |
|---------------------------|--------------|
| Ambient temperature range | -20...+40 °C |
|---------------------------|--------------|

Lifespan

| | |
|--|--------|
| Number of switching cycles | 100000 |
| Lumen maintenance at end of service lifetime | 0.70 |

Additional product data

| | |
|-----------------------------|--------|
| Base (standard designation) | E40 |
| Mercury content | 0.0 mg |

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/865 2 |
|-----------------|-----------------|

Energy labelling regulation data acc EU 2019/2015

| | |
|---|-----------|
| Light source cap-type (or other electric interface) | E40 |
| Length | 256.00 mm |
| Height | 137.00 mm |
| Width | 137.00 mm |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------|
| 4058075723511 | Folding box 1 | 144 mm x 144 mm x 270 mm | 552.00 g | 5.60 dm³ |
| 4058075723528 | Shipping box 10 | 737 mm x 302 mm x 295 mm | 6581.00 g | 65.66 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.