

PRODUCT DATASHEET

LED ECO Hi-Watt 225 40 W/3000 K E27

LED ECO HIGH WATT | T shape bulb



Areas of application

- Especially suitable for the food sector
- Warehouses
- Supermarkets and department stores
- Suitable for indoor applications

Product benefits

- Energy savings of up to 85 % (compared to traditional incandescent lamps)
- Wide beam angle: 200°
- Instant 100 % light, no warm-up time
- No UV and near-IR radiation in the light beam

Product features

- Lifetime: up to 12,000 h
- Good color rendering index $R_a: \geq 80$
- Overtemperature protection
- Surge protection: up to 2,000 V
- Luminous efficacy: up to 100 lm/W
- Mercury-free lamps
- Minimum start voltage at 180 VAC



TECHNICAL DATA

Electrical data

Nominal wattage	40 W
Construction wattage	40.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	225 W
Nominal current	320 mA
Type of current	AC
Operating frequency	50 Hz
Mains frequency	50 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	3600 lm
Nominal useful luminous flux 90°	3600 lm
Luminous efficacy	90 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Warm White
Color temperature	3000 K
Color rendering index Ra	≥ 80
Light color	830
Standard deviation of color matching	≤ 6 sdc _m

Light technical data

Beam angle	180 °
Starting time	< 0.5 s
Rated beam angle (half peak value)	180.00 °

Dimensions & Weight

Overall length	185.00 mm
Diameter	118.00 mm

Maximum diameter	118 mm
Product weight	140.00 g

Temperatures & operating conditions

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

Lifespan	12000 h
Number of switching cycles	100000

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

Capabilities

Dimmable	No
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Certificates & Standards

Standards	CB / RoHS
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Country-specific categorizations

Order reference	LE HW 40W/830 2
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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)	E27
Length	185.00 mm
Height	118.00 mm
Width	118.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075683174	Folding box 1	123 mm x 123 mm x 198 mm	214.00 g	3.00 dm ³
4058075683181	Shipping box 10	631 mm x 262 mm x 225 mm	2801.00 g	37.20 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.