PRODUCT DATASHEET
LED ECO Hi-Watt 275 50 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: ≥ 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	50 W
Construction wattage	50.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	275 W
Nominal current	385 mA
Type of current	AC
Operating frequency	50 Hz
Mains frequency	50 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	4500 lm
Nominal useful luminous flux 90°	4500 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 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	200.00 g

Temperatures & operating conditions

Ambient temperature range	-20…+40 °C

Lifespan

Number of switching cycles	100000

Additional product data

Base (standard designation)	E27
Mercury content	0.0 mg

Capabilities

Dimmable	No

Certificates & Standards

Standards	CB / RoHS

Country-specific categorizations

Order reference	LE HW 50W/830 2

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
4058075683235	Folding box 1	142 mm x 142 mm x 253 mm	305.00 g	5.10 dm^3
4058075710191	Shipping box 4	295 mm x 295 mm x 230 mm	1750.00 g	20.02 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.

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