PRODUCT DATASHEET
LED ECO Hi-Watt 175 30 W/6500 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	30 W
Construction wattage	30.00 W
Nominal voltage	220…240 V
Claimed equiv. conventional lamp power	175 W
Nominal current	245 mA
Type of current	AC
Operating frequency	50 Hz
Mains frequency	50 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	3000 lm
Nominal useful luminous flux 90°	3000 lm
Luminous efficacy	100 lm/W
Lumen main.fact.at end of nom.life time	0.70
Light color (designation)	Daylight
Color temperature	6500 K
Color rendering index Ra	≥80
Light color	865
Standard deviation of color matching	≤6 sdcm

Light technical data

Beam angle	180 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	158.00 mm
Diameter	100.00 mm
Maximum diameter	100 mm

Product weight	110.00 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
Mercury-free	Yes

Capabilities

Dimmable	No

Certificates & Standards

Standards	CB / RoHS

Country-specific categorizations

Order reference	LE HW 30W/865 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	158.00 mm
Height	100.00 mm
Width	100.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075683136	Folding box 1	107 mm x 107 mm x 170 mm	162.00 g	1.95 dm^3
4058075683143	Shipping box 10	551 mm x 230 mm x 197 mm	2131.00 g	24.97 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.