

PRODUCT DATASHEET LED ECO Hi-Watt 125 20 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	20 W
Construction wattage	20.00 W
Nominal voltage	220240 V
Claimed equiv. conventional lamp power	125 W
Nominal current	160 mA
Type of current	AC
Operating frequency	50 Hz
Mains frequency	50 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	2000 lm
Nominal useful luminous flux 90°	2000 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	135.00 mm
Diameter	80.00 mm
Maximum diameter	80 mm

Product weight	65.00 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 20W/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	135.00 mm		
Height	80.00 mm		
Width	80.00 mm		

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075683075	Folding box 1	81 mm x 81 mm x 148 mm	100.00 g	0.97 dm ³
4058075683082	Shipping box 10	421 mm x 178 mm x 175 mm	1329.00 g	13.11 dm³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products.

December 13, 2025, 03:25:47 LED ECO Hi-Watt 125 20 W/6500 K E27 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.