

PRODUCT DATASHEET LED ECO Hi-Watt 125 20 W/6500 K B22

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)	B22	
Mercury content	0.0 mg	
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)	B22	
Length	135.00 mm	

LOGISTICAL DATA

Height

Width

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075683099	Folding box 1	81 mm x 81 mm x 148 mm	100.00 g	0.97 dm ³
4058075683105	Shipping box 10	421 mm x 178 mm x 175 mm	1329.00 g	13.11 dm³

80.00 mm

80.00 mm

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.