

PRODUCT DATASHEET

LED ECO Hi-Watt 425 80 W/6500 K E40

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 $R_{a_i} \geq 80$
- 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	80 W
Construction wattage	80.00 W
Nominal voltage	220...240 V
Claimed equiv. conventional lamp power	425 W
Nominal current	640 mA
Type of current	AC
Operating frequency	50 Hz
Mains frequency	50 Hz
Power factor λ	0.50

Photometrical data

Luminous flux	8000 lm
Nominal useful luminous flux 90°	8000 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 sdc _m

Light technical data

Beam angle	180 °
Starting time	< 0.5 s

Dimensions & Weight

Overall length	263.00 mm
Diameter	135.00 mm
Maximum diameter	135 mm

Product weight	738.00 g
----------------	----------

Temperatures & operating conditions

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

Lifespan

Number of switching cycles	100000
----------------------------	--------

Additional product data

Base (standard designation)	E40
Mercury content	0.0 mg

Capabilities

Dimmable	No
----------	----

Certificates & Standards

Standards	CB / RoHS
-----------	-----------

Country-specific categorizations

Order reference	LE HW 80W/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)	E40
Length	263.00 mm
Height	135.00 mm
Width	135.00 mm

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075683310	Folding box 1	145 mm x 145 mm x 223 mm	773.00 g	4.69 dm³
4058075683327	Shipping box 4	306 mm x 306 mm x 250 mm	3609.00 g	23.41 dm³

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.