

## PRODUCT DATASHEET

### HQI-E 250 W/N/SI CO

POWERSTAR HQI®-E coated 250...400 W | Metal halide lamps with quartz technology for enclosed luminaires



#### Areas of application

- Factories and workshops
- Exhibition halls and trade fairs
- Sports halls and multi-purpose halls
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

#### Product benefits

- E40 screw base for simple lamp handling
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

#### Product features

- POWERSTAR® quartz technology
- Light colors: neutral white (NDL), daylight (D)



## TECHNICAL DATA

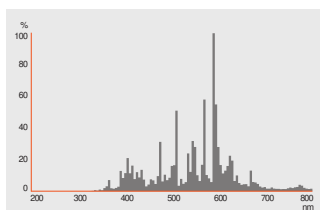
### Electrical data

Nominal wattage	250 W
Construction wattage	235.00 W
Ignition voltage	0.75/1.3 kVp <sup>1)</sup>
Operating mode	Conventional control gear (CCG) and ignitor
PFC capacitor at 50 Hz	32 µF

<sup>1)</sup> Minimum / Maximum

### Photometrical data

Luminous flux	20500 lm
Luminous efficacy	82 lm/W
Light color (designation)	Neutral White
Color temperature	4000 K
Color rendering index Ra	69
Light color	640
UV protection	Yes



502830\_HQI\_T\_E\_N\_SI

### Dimensions & Weight

Overall length	216.00 mm
Diameter	90,0 mm
Product weight	154.00 g

### Temperatures & operating conditions

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

## Lifespan

Lifespan B50	10000 h
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## Additional product data

Base (standard designation)	E40
Mercury content	31.7 mg
Mercury-free	No
Design / version	Coated

## Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes
Hot restart	No

## Country-specific categorizations

ILCOS	ME/UB-250/637-H/S/SL-E40-88.9/216
Order reference	HQI-E 250W E40


## Energy labelling regulation data acc EU 2019/2015


Light source cap-type (or other electric interface)	E40
Length	216.00 mm
Height	90,0 mm
Width	90,0 mm

## Safety advice

- Do not stare at the operating light source: The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 4 m is not expected.
- Disconnect mains before installation.
- Must not be used if outer bulb is defective.
- Lamp to be used only in a closed luminaire.

## DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	High-Intensity-Discharge lamps. Operation instructions

Photometric and lighting design files	Document name
 Spectral power distribution	502830_HQI_T_E_N_SI

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4050300444628	Folding box 1	220 mm x 93 mm x 93 mm	171.00 g	1.90 dm <sup>3</sup>
4050300444635	Shipping box 6	348 mm x 250 mm x 238 mm	1546.00 g	20.71 dm <sup>3</sup>

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.