

# PRODUCT DATASHEET

## HQI-BT 400 W/N/SI

**POWERSTAR HQI-T | Metal halide lamps with quartz technology for enclosed luminaires**



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### AREAS OF APPLICATION

- Factories and workshops
- Sports halls and multi-purpose halls
- Industrial installations
- Docks and port facilities
- Marshaling yards, container transshipment facilities
- Buildings, monuments, bridges
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

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### PRODUCT BENEFITS

- Output of up to 400 W
- High efficiency
- Long lifetime
- E40 screw base for simple lamp handling
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

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### PRODUCT FEATURES

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

**TECHNICAL DATA**

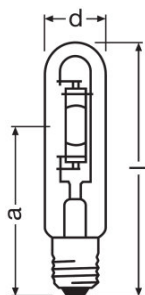
Electrical data

Nominal wattage	392.60 W
Rated wattage	392.60 W
Lamp current	3.25 A
PFC capacitor at 50 Hz	45 µF
Nominal voltage	220 V

Photometrical data

Rated lamp efficacy (standard condition)	100 lm/W
Rated luminous flux	33000 lm
Color rendering index Ra	66
Color temperature	4000 K
Light color	4000
Rated LLMF at 2,000 h	0.77
Rated LLMF at 4,000 h	0.70
Rated LLMF at 6,000 h	0.60
Rated LLMF at 8,000 h	0.56
Luminous flux	33000 lm

— Dimensions & weight



Diameter	67.0 mm
Length	285.0 mm
Light center length (LCL)	160.0 mm
Product weight	200.00 g

Temperatures & operating conditions

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

Lifespan

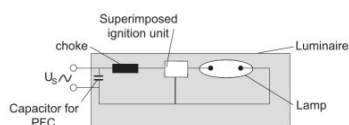
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.98
Rated lamp survival factor at 6,000 h	0.95
Rated lamp survival factor at 8,000 h	0.90
Lifespan B50	9000 h

Additional product data

Base (standard designation)	E40
Design / version	Clear
Mercury content	60.7 mg

Capabilities

Dimmable	No
Burning position	Any
Enclosed luminaire required	Yes



Circuit diagram

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321193308	HQI-BT 400 W/N/SI	Shipping carton box 12	314 mm x 246 mm x 359 mm	27.73 dm <sup>3</sup>	3381.00 g
4008321278425	HQI-BT 400 W/N/SI	Shipping carton box 12	314 mm x 246 mm x 359 mm	27.73 dm <sup>3</sup>	3451.00 g

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.