

# PRODUCT DATASHEET

## HQI-E 250 W/D PRO

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

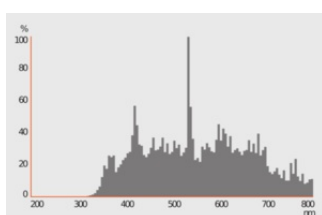
### Electrical data

Nominal wattage	250 W
Construction wattage	260.00 W
Nominal voltage	105 V
Ignition voltage	4.0/5.0 kVp <sup>1)</sup>
Nominal current	3 A
PFC capacitor at 50 Hz	32 µF

1) Minimum / Maximum

### Photometrical data

Luminous flux	18000 lm
Luminous efficacy	69 lm/W
Color temperature	5500 K
Color rendering index Ra	≤ 90
Light color	955
Rated LLMF at 2,000 h	0.92
Rated LLMF at 4,000 h	0.90
Rated LLMF at 6,000 h	0.87
Rated LLMF at 8,000 h	0.85
Rated LLMF at 12,000 h	0.81
UV protection	Yes



### Dimensions & Weight

Overall length	226.00 mm
Diameter	90,0 mm
Product weight	160.00 g

**Temperatures & operating conditions**

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

**Lifespan**

Nominal lamp life time	16000 h
Rated lamp survival factor at 2,000 h	0.96
Rated lamp survival factor at 4,000	0.94
Rated lamp survival factor at 6,000	0.93
Rated lamp survival factor at 8,000 h	0.88
Rated lamp survival factor at 12,000 h	0.81
Lifespan B50	16000 h

**Additional product data**

Base (standard designation)	E40
Mercury content	21.0 mg
Design / version	Coated

**Capabilities**

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

**Certificates & Standards**

Energy efficiency class	G
Energy consumption	260.00 kWh/1000h

**Country-specific categorizations**





ILCOS	ME/UB-250/952-H/E/SL-E40-91/226
Order reference	HQI-E 250W/D PR

**Energy labelling regulation data acc EU 2019/2015**

Lighting technology used	MH
Non-directional or directional	NDLS
Mains or non-mains	NMLS
Light source cap-type (or other electric interface)	E40
Connected light source (CLS)	No

Color-tuneable light source	No
Envelope	NON_CLEAR
High luminance light source	No
Anti-glare shield	No
Correlated colour temperature type	SINGLE_VALUE
Claim of equivalent power	No
Length	226.00 mm
Height	90,0 mm
Width	90,0 mm
Chromaticity coordinate x	0,340
Chromaticity coordinate y	0,345
Beam angle	SPHERE_360
EPREL ID	546553
Model number	AC34327

## DOWNLOAD DATA

DOWNLOAD DATA	
	User instruction High Intensity Discharge Lamp UI
	Certificates EAC RU C-DE.AYA46.B.16087_20 13.10.2020-12.10.2025 Rostest-Moskva - MH single capped
	Certificates EAC N RU D-DE.MU62.B.00932_20 06.03.2020-05.03.2025 Prommash Test - MH
	Declarations of conformity EC Declaration of Conformity - 2021 9C1-4077886-EN-00 - HQI

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4008321677907	Round wrap 1	240 mm x 95 mm x 95 mm	191.00 g	2.17 dm <sup>3</sup>
4008321677914	Shipping box 12	426 mm x 252 mm x 331 mm	2879.00 g	35.53 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.