

## HQI-R 150 W/NDL/FO

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



### Areas of application

- Light guide systems
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

### Product benefits

- For compact optical systems with high efficiency
- Optimum adjustment
- Low thermal load on the light guide
- Long life time
- Simple relamping
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

### Product features

- POWERSTAR quartz technology
- Light color: neutral white (NDL)
- Average lifetime: 9,000 hours



# Product datasheet

## Technical data

### Electrical data

Nominal wattage	150.00 W
Nominal voltage	95 V
Lamp current	1.80000 A
PFC capacitor at 50 Hz	20 $\mu$ F <sup>1)</sup>
Ignition voltage	3.6 / 5.0 kVp <sup>2)</sup>
Rated wattage	150.00 W

<sup>1)</sup> At rated voltage and  $\cos \varphi \geq 0.9$

<sup>2)</sup> Minimum / Maximum

### Photometrical data

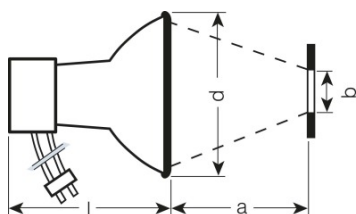
Aperture luminous flux	5200 / 1850 lm <sup>1)</sup>
Luminous intensity	11000 cd
Color rendering index Ra	85
Color temperature	4200 K
Light color	842
UV protection	Yes

<sup>1)</sup> At 25 mm / At 10 mm

### Light technical data

Focal length	75.0 mm
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### Dimensions & weight



Diameter	95.8 mm
Length	93.0 mm
Product weight	215.00 g

# Product datasheet

## Lifespan

Lifespan B50	9000 h
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## Additional product data

Base (standard designation)	-
Lamp mercury content	23.0 mg

## Capabilities

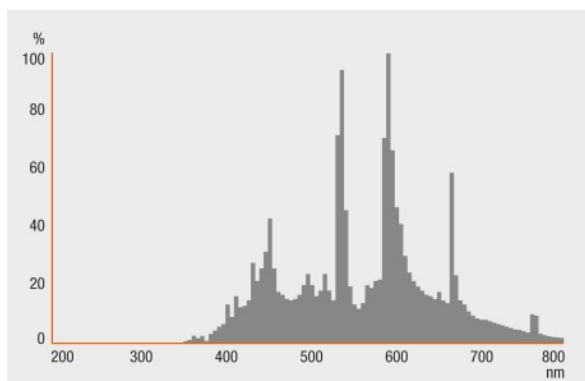
Burning position	p15
Enclosed luminaire required	No

## Country specific categorizations

ILCOS	MR-150/842-H/E/SL-STECKER-95/93/H
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## Light Distribution

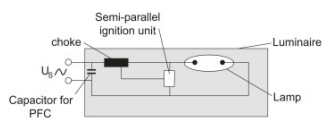
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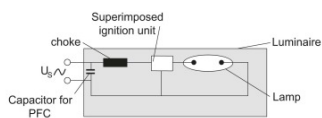
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## Spectral power distribution

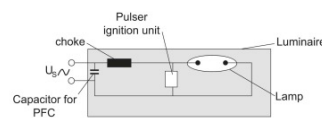
# Product datasheet



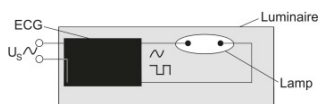
Circuit diagram



Circuit diagram



Circuit diagram



Circuit diagram

## Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321691262	HQI-R 150 W/NDL/FO	Shipping carton box 12	595 mm x 145 mm x 405 mm	34.94 dm <sup>3</sup>	4774.00 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.