

## PRODUCT DATASHEET

### HQI-R 150 W/NDL/FO

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



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#### Areas of application

- Light guide systems
- Approved only for use in enclosed luminaires

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#### Product benefits

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

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#### Product features

- POWERSTAR® quartz technology



## TECHNICAL DATA

### Electrical data

|                        |   |
|------------------------|---|
| Nominal wattage        | 150 W                                       |
| Nominal voltage        | 151.2 V                                     |
| Ignition voltage       | 3.6/5.0 kVp <sup>1)</sup>                   |
| Operating mode         | Conventional control gear (CCG) and ignitor |
| Nominal current        | 1.8 A                                       |
| PFC capacitor at 50 Hz | 20 µF                                       |

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

### Photometrical data

|                          |                   |
|--------------------------|-------------------|
| Luminous intensity       | 11000 cd          |
| Aperture luminous flux   | 5200 lm / 1850 lm |
| Luminous efficacy        | 78 lm/W           |
| Color temperature        | 4200 K            |
| Color rendering index Ra | 85                |
| Light color              | 842               |
| UV protection            | Yes               |

### Dimensions & Weight

|                |          |
|----------------|----------|
| Overall length | 93.00 mm |
| Length         | 93.00 mm |
| Diameter       | 96,0 mm  |
| Product weight | 212.00 g |

### Lifespan

|                                       |        |
|---------------------------------------|--------|
| Rated lamp survival factor at 2,000 h | 0.92   |
| Rated lamp survival factor at 4,000 h | 0.90   |
| Rated lamp survival factor at 6,000 h | 0.80   |
| Rated lamp survival factor at 8,000 h | 0.55   |
| Lifespan B50                          | 9000 h |

### Additional product data

|                             |         |
|-----------------------------|---------|
| Base (standard designation) | 2 pins  |
| Mercury content             | 30.0 mg |

|                |   |
|----------------|---|
| Product remark | Not for general lighting / For image and video projection applications only |
|----------------|---|

### Capabilities

|                             |     |
|-----------------------------|-----|
| Dimmable                    | No  |
| Burning position            | p15 |
| Enclosed luminaire required | No  |
| Hot restart                 | No  |





### Certificates & Standards

|                    |                  |
|--------------------|------------------|
| Energy consumption | 152.00 kWh/1000h |
|--------------------|------------------|

### Country-specific categorizations

|                 |                                  |
|-----------------|----------------------------------|
| ILCOS           | MR-150/42/1B-H-STECKER-95/93/P15 |
| Order reference | HQI-R 150W/NDL                   |

### DOWNLOAD DATA

| Documents and certificates   |  | Document name  |
|--|--|--|
|  | User instruction / safety instructions | High Intensity Discharge Lamp UI                                       |
|  | Declarations of conformity             | EC Declaration of Conformity - 2021 9C1-4082709-EN-00 - HQI-R          |
|  | Certificates                           | EAC N RU D-DE.MU62.B.00932_20 06.03.2020-05.03.2025 Prommash Test - MH |
| Photometric and lighting design files  |  | Document name  |
|  | Spectral power distribution            | 502823_HQI_R   |

### LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321691262 | Folding box<br>1             | 144 mm x 130 mm x 129 mm             | 358.50 g     | 2.41 dm <sup>3</sup>  |
| 4008321691279 | Shipping box<br>12           | 595 mm x 405 mm x 145 mm             | 4774.00 g    | 34.94 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.