

PRODUCT DATASHEET

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

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

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 ¹⁾
Operating mode	Conventional control gear (CCG) and ignitor
Nominal current	1.8 A
PFC capacitor at 50 Hz	20 µF

1) 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
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Capabilities

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




Certificates & Standards


Energy consumption	152.00 kWh/1000h
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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 1	144 mm x 130 mm x 129 mm	358.50 g	2.41 dm ³
4008321691279	Shipping box 12	595 mm x 405 mm x 145 mm	4774.00 g	34.94 dm ³

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.