

Product datasheet

HQI-R 150 W/NDL/FO

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



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

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



Technical data

Electrical data

Nominal wattage	150.00 W
Rated wattage	150.00 W
Lamp current	1.8 A
PFC capacitor at 50 Hz	20 μ F ¹⁾
Nominal voltage	95 V
Ignition voltage	3.6 kVp;5.0 kVp ²⁾
Nominal current	1.8 A

¹⁾ At rated voltage and $\cos \varphi \geq 0.9$

²⁾ Minimum;Maximum

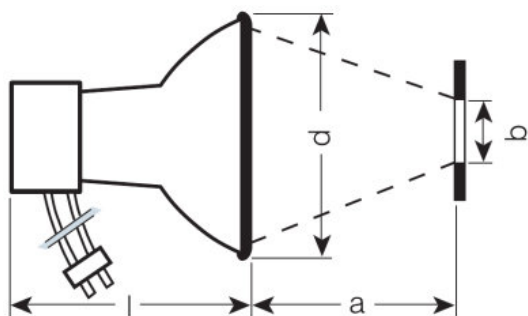
Photometrical data

Aperture luminous flux	5200 lm;1850 lm
Luminous intensity	11000 cd
Color rendering index Ra	85
Color temperature	4200 K
Light color	842
UV protection	Yes
Rated color temperature	4200 K

Light technical data

Focal length	75.0 mm
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Dimensions & weight



Diameter	95.8 mm
Length	93.0 mm
Product weight	212.00 g

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Outer bulb	PAR95
Overall length	93.0 mm

Lifespan

Lifespan B50	9000 h
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Additional product data

Base (standard designation)	2 pins
Mercury content	23.0 mg
Appropriate disposal acc. to WEEE	Yes
Mercury-free	No

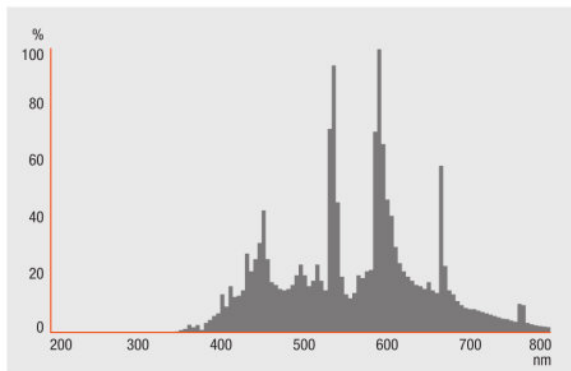
Capabilities

Burning position	p15
Enclosed luminaire required	No
Dimmable	No

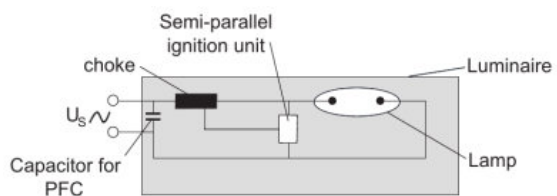
Country specific categorizations

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

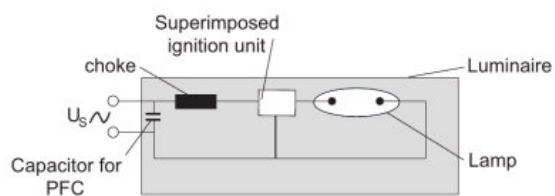
Light Distribution



HQI_R

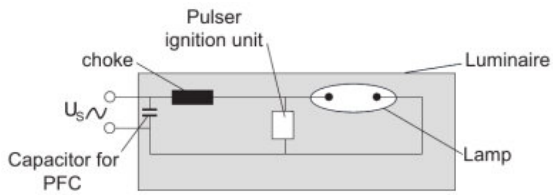


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH SEMI-PARALLEL IGNITION UNIT

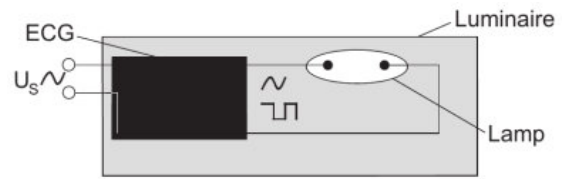


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH A SUPERIMPOSED IGNITION UNIT

Product datasheet



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH PULSE IGNITION UNIT



ELEKTRONIC OPERATION OF HIGH INTENSITY DISCHARGE LAMPS

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 Pieces Folding carton box	595 mm x 145 mm x 405 mm	34.94 dm ³	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.

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OSRAM

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Product name	Product name ECG	EAN
HQI-R 150 W/NDL/FO	PTi 150/220-240 I	4008321915535
	PTi 150/220-240 S	4008321188090