

Product datasheet

HQI-TS 400 W/D

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



- Foyers, reception areas Factory and hall lighting with low-cost installations Exhibition halls and trade fairs Sports halls and multi-purpose halls Pedestrian zones, public squares Parks and gardens Buildings, monuments, bridges Approved only for use in enclosed luminaires Outdoor applications only in suitable luminaires

- High efficiency Uniform distribution of light Good to excellent color rendering Long lifetime Hot restrike capable UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter



Technical data

Electrical data

PFC capacitor at 50 Hz	45 µF
Ignition voltage	4.0/25 kVp
Nominal current	4.1 A A

Photometrical data

Rated LLMF at 2,000 h	0.7
Rated LLMF at 4,000 h	0.6
Rated LLMF at 6,000 h	0.55
Rated LLMF at 8,000 h	0.52
Rated LLMF at 12,000 h	0.5
UV protection	Yes
Light color (designation)	Daylight
Luminous flux	35000 lm

Dimensions & weight

Light center length (LCL)	103,0 mm
Product weight	88.00 g
Overall length	205.60 mm

Temperatures & operating conditions

Maximum permitted pinch temperature	300 °C
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Lifespan

Lifespan B50	12000 h
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Additional product data

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Product remark	With NAV control gear
Design / version	Clear
Mercury content	26.5 mg
Appropriate disposal acc. to WEEE	Yes

Capabilities

Burning position	p45
Enclosed luminaire required	Yes
Hot restart	Yes

Certificates & standards

Energy efficiency class	G
Energy consumption	422.00 kWh/1000h

Country specific categorizations

ILCOS	MD/UB-400/856-H/E/SL-Fc2-25/162/H
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Environmental information

Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH)	
Date of Declaration	02-09-2022
Primary Article Identifier	4008321689191
Candidate List Substance 1	No declarable substances contained
Declaration No. in SCIP database	No declarable substances contained

Light Distribution

HQI_T_D_PRO

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

OPERATION OF HIGH INTENSITY DISCHARGE LAMPS
WITH A SUPERIMPOSED IGNITION UNIT

OPERATION OF HIGH INTENSITY DISCHARGE LAMPS
WITH PULSE IGNITION UNIT

Ecodesign regulation information:

Separate control gear and light sources must be disposed of at certified disposal companies in accordance with Directive 2012/19/EU (WEEE) in the EU and with Waste Electrical and Electronic Equipment (WEEE) Regulations 2013 in the UK. For this purpose, collection points for recycling centres and take-back systems (CRSO) are available from retailers or private disposal companies, which accept separate control gear and light sources free of charge. In this way, raw materials are conserved and materials are recycled.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321689191	HQI-TS 400 W/D	Shipping carton box 12 Pieces Sleeves	216 mm x 166 mm x 272 mm	9.75 dm ³	1418.00 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.

OSRAM is distribution partner
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