

Product datasheet

HQI-TS 70 W/NDL

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



Product datasheet

Technical data

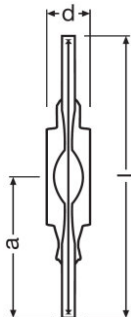
Electrical data

| | |
|------------------------|------------|
| PFC capacitor at 50 Hz | 12 μ F |
| Ignition voltage | 13.3 kVp |
| Nominal current | 0.95 A A |

Photometrical data

| | |
|------------------------|---------|
| Rated LLMF at 2,000 h | 0.92 |
| Rated LLMF at 4,000 h | 0.9 |
| Rated LLMF at 6,000 h | 0.85 |
| Rated LLMF at 8,000 h | 0.78 |
| Rated LLMF at 12,000 h | 0.73 |
| UV protection | Yes |
| Luminous flux | 6100 lm |

Dimensions & weight



| | |
|---------------------------|-----------|
| Light center length (LCL) | 57,0 mm |
| Product weight | 17.00 g |
| Overall length | 117.00 mm |

Temperatures & operating conditions

| | |
|-------------------------------------|--------|
| Maximum permitted pinch temperature | 350 °C |
|-------------------------------------|--------|

Lifespan

| | |
|--------------|---------|
| Lifespan B50 | 12000 h |
|--------------|---------|

Additional product data

| | |
|------------------|-------|
| Design / version | Clear |
|------------------|-------|

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| | |
|-----------------------------------|---------|
| Mercury content | 10.6 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 | 83.00 kWh/1000h |

Country specific categorizations

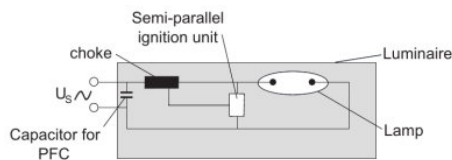
| | |
|-------|-----------------------------------|
| ILCOS | MD/UB-70/842-H/E/SL-RX7s-19/117/H |
|-------|-----------------------------------|

Environmental information

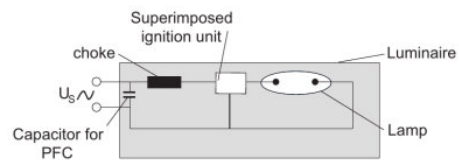
| Information according Art. 33 of EU Regulation (EC) 1907/2006 (REACH) | |
|---|---------------|
| Date of Declaration | 30-06-2022 |
| Primary Article Identifier | 4008321678324 |
| Declaration No. in SCIP database | In work |

System guarantee

For the vast majority of our lamps we are offering an extended system guarantee in conjunction with OSRAM POWERTRONIC control gear.

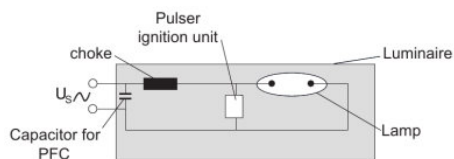


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH SEMI-PARALLEL IGNITION UNIT

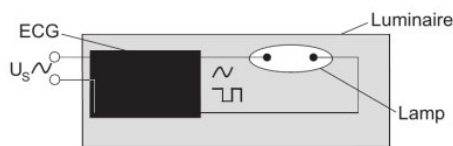


OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH A SUPERIMPOSED IGNITION UNIT

Product datasheet



OPERATION OF HIGH INTENSITY DISCHARGE LAMPS WITH PULSE IGNITION UNIT



ELEKTRONIC OPERATION OF HIGH INTENSITY DISCHARGE LAMPS

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 |
|---------------|---------------------|--|--------------------------------------|----------------------|--------------|
| 4008321678324 | HQI-TS 70 W/NDL | Shipping carton box 12 Pieces Folding carton box | 149 mm x 136 mm x 118 mm | 2.39 dm ³ | 410.00 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.

References / Links

For more information on the system guarantee and the terms and conditions of the guarantee visit <https://www.inventronics-light.com/multilevel-guarantees>

Disclaimer

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

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of LEDVANCE of LAMPS

OSRAM

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| Product name | Product name ECG | EAN |
|-----------------|---------------------|---------------|
| HQI-TS 70 W/NDL | PT-FIT 70/220-240 I | 4008321377685 |
| | PT-FIT 70/220-240 S | 4008321386649 |
| | PTi 70/220-240 I | 4008321099501 |
| | PTi 70/220-240 S | 4008321049629 |
| | PTo 70/220-240 3DIM | 4008321959355 |