

PRODUCT DATASHEET

HQI-T 250 W/D PRO

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



Areas of application

- Factories and workshops
- Sports halls and multi-purpose halls
- Industrial installations
- Docks and port facilities
- Marshaling yards, container transshipment facilities
- Buildings, monuments, bridges
- Approved only for use in enclosed luminaires
- Outdoor applications only in suitable luminaires

Product benefits

- E40 screw base for simple lamp handling
- UV values significantly below the maximum permitted thresholds to IEC 61167 thanks to UV filter

Product features

- POWERSTAR® quartz technology
- Light colors: neutral white (N), daylight (D)



TECHNICAL DATA

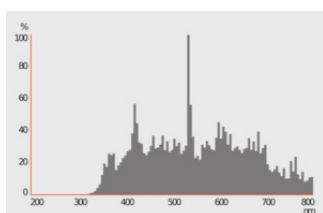
Electrical data

| | |
|------------------------|---------------------------|
| Nominal wattage | 250 W |
| Construction wattage | 260.00 W |
| Nominal voltage | 105 V |
| Ignition voltage | 4.0/5.0 kVp ¹⁾ |
| Nominal current | 3 A |
| PFC capacitor at 50 Hz | 32 µF |

1) Minimum / Maximum

Photometrical data

| | |
|--------------------------|----------|
| Luminous flux | 18000 lm |
| Luminous efficacy | 69 lm/W |
| Color temperature | 5500 K |
| Color rendering index Ra | ≤ 87 |
| Light color | 855 |
| Rated LLMF at _2,000 h | 0.95 |
| Rated LLMF at 4,000 h | 0.92 |
| Rated LLMF at 6,000 h | 0.90 |
| Rated LLMF at 8,000 h | 0.87 |
| Rated LLMF at 12,000 h | 0.85 |
| Rated LLMF at 16,000 h | 0.81 |
| UV protection | Yes |



Dimensions & Weight

| | |
|-----------------------------|-----------|
| Construction length [PICOS] | 226.00 mm |
| Light center length (LCL) | 150 mm |



| | |
|----------------|----------|
| Diameter | 46 mm |
| Product weight | 150,00 g |

Temperatures & operating conditions

| | |
|--|--------|
| Maximum permitted outer bulb temperature | 500 °C |
| Maximum permitted base edge temperature | 250 °C |

Lifespan

| | |
|--|---------|
| Nominal life time | 16000 h |
| | 0.98 |
| Rated lamp survival factor at 4,000 | 0.96 |
| Rated lamp survival factor at 6, | 0.94 |
| Rated lamp survival factor at 8,000 | 0.92 |
| Rated lamp survival factor at 12,000 h | 0.88 |
| Rated lamp survival factor at 16,000 | 0.81 |
| Lifespan B50 | 16000 h |

Additional product data

| | |
|-----------------------------|---------|
| Base (standard designation) | E40 |
| Lamp mercury content | 21.0 mg |
| Design / version | Clear |

Capabilities

| | |
|-----------------------------|-----|
| Dimmable | No |
| Burning position | Any |
| Enclosed luminaire required | Yes |
| Hot restart | No |

Certificates & Standards

| | |
|-------------------------|------------------|
| Energy efficiency class | G |
| Energy consumption | 260.00 kWh/1000h |

Country-specific categorizations





| | |
|-----------------|---------------------------------|
| ILCOS | MT/UB-250/952-H/E/SL-E40-46/226 |
| Order reference | HQI-T 250W/D PR |

Date privind reglementarea etichetării energetice (EU 2019/2015)

| | |
|----------------------------------|----|
| Tehnologia de iluminat utilizată | MH |
|----------------------------------|----|

| | |
|---|--------------|
| Nedirecțională sau direcțională | NDLS |
| Cu alimentare de la rețea sau nealimentată de la rețea | NMLS |
| Tipul de soclu al sursei de lumină (sau altă interfață electrică) | E40 |
| Sursă de lumină conectată (SLC) | No |
| Sursă de lumină cu posibilitatea de reglare a culorilor | No |
| Anvelopă | SECOND |
| Surse de lumină cu luminanță mare | No |
| Protecție antireflexie | No |
| Tip de temperatură de culoare corelată | SINGLE_VALUE |
| Declarație de putere echivalentă | No |
| Length | 226.00 mm |
| Height (incl. cylin. luminaires) [calc.] | 46 mm |
| Width (incl. round luminaires) [Calc.] | 46 mm |
| Coordonata X a diagramei cromatica a culorilor | 0,333 |
| Coordonata Y a diagramei cromatica a culorilor | 0,340 |
| Correspondență unghi fascicul | SPHERE_360 |
| EPREL ID | 546555 |
| Model number | AC34329 |

DOWNLOAD DATA

| DOWNLOAD DATA | |
|--|----------------------------|
|  | User instruction |
|  | Certificates |
|  | Certificates |
|  | Declarations of conformity |

LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4008321677846 | Sleeves 1 | 260 mm x 51 mm x 57 mm | 175.80 g | 0.76 dm ³ |
| 4008321677853 | Shipping box 12 | 277 mm x 281 mm x 217 mm | 2304.00 g | 16.89 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.

