

HQI-T 250 W/D PRO E40

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



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

Product benefits

- Output of up to 400 W
- High efficiency
- Different light colors
- Long life time
- High color saturation (up to 66 %) in blue, green and magenta
- 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
- UV filter technology
- Light colors: neutral white (N), daylight (D)
- Colored lamps



Technical data

Electrical data

Nominal wattage	250 W
PFC capacitor at 50 Hz	32 μ F ¹⁾
Lamp current	3 A
Rated wattage	250.29 W
Rated lamp efficacy (standard condition)	80 lm/W

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

Light technical data

Nominal luminous flux	20000 lm
Color temperature	5000 K
Rated luminous flux	20100 lm
Color rendering index Ra	91
Rated LLMF at 2,000 h	0.91
Rated LLMF at 4,000 h	0.85
Rated LLMF at 6,000 h	0.84
Rated LLMF at 8,000 h	0.84
Rated LLMF at 12,000 h	0.77

Dimensions & weight

Diameter	46.0 mm
Length	226.0 mm
Light center length (LCL)	150.0 mm

Colors & materials

Mercury-free	No
Lamp mercury content	15.0 mg

Temperatures

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

Lifespan

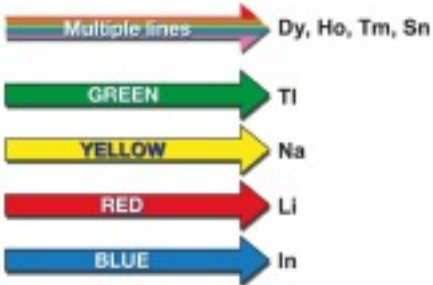
Lifespan B50	12000 h
Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.99
Rated lamp survival factor at 8,000 h	0.90
Rated lamp survival factor at 12,000 h	0.50
Operation mode LLMF/LSF	50 Hz

Additional product data

Base (standard designation)	E40
Design / version	Clear

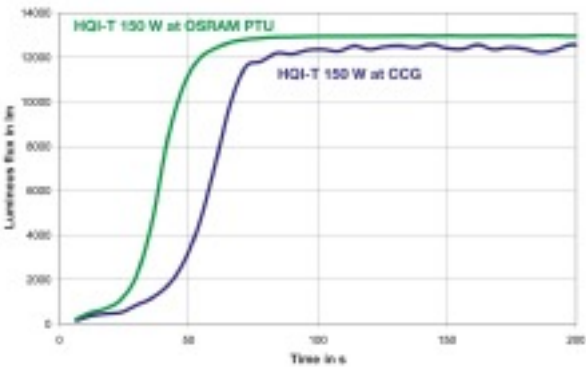
Capabilities

Dimmable	No
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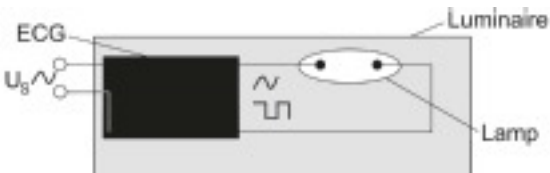
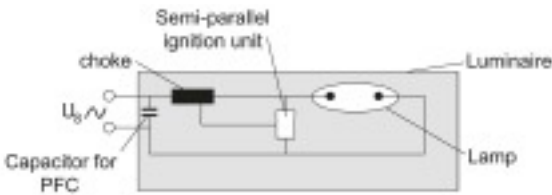
Variation possibilities of the Colour Temperature

		Tn	CRI
Daylight	D	> 5300 K	≥90
Neutral White	N	ca. 4000 K	60-69
Neutral White de luxe	NDL	4200 K	≥80
Warm White de luxe	WDL	3000 K	≥80



Others graphics

Others graphics



Circuit diagram

Circuit diagram

Logistical Data

Product code	Packaging unit (Pieces/Unit)	Dimensions (height x width x length)	Gross weight	Volume
4050300015293	Sleeves 1	51 mm x 51 mm x 260 mm	175.80 g	0.68 dm ³
4050300220307	Shipping carton box 12	221 mm x 279 mm x 277 mm	2595.60 g	17.08 dm ³

Disclaimer

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