

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

- Output of up to 400 W
- High efficiency
- Long lifetime
- 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)



Product family datasheet

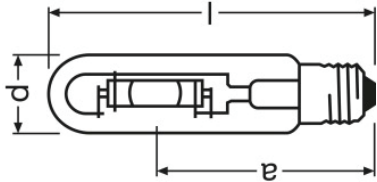
Technical data

Product description	Electrical data					Photometrical data		
	Nominal wattage	Rated wattage	Lamp current	PFC capacitor at 50 Hz	Nominal voltage	Ignition voltage	Rated lamp efficacy (standard condition)	Rated luminous flux
HQI-T 250 W/D PRO	250 W	250.00 W	3.0 A	32 µF ³⁾	98.0 V	4.0 / 5.0 kVp ⁴⁾	76 lm/W	19000 lm
HQI-T 250 W/N/SI ¹⁾	250 W	250.00 W	2.1 A	32 µF ³⁾	128 V	0.75 / 1.3 kVp ⁴⁾	76 lm/W	19000 lm
HQI-T 250 W/N PLUS	270 W	270.00 W	2.6 A		130 V		83 lm/W	22500 lm
HQI-BT 400 W/D PRO ²⁾	400 W	420.00 W	4.0 A	45 µF ³⁾	115 V	4.0 / 5.0 kVp ⁴⁾	81 lm/W	34000 lm
HQI-T 400 W/N ²⁾	400 W	448.00 W	3.9 A	45 µF ³⁾	126 V	4.0 / 5.0 kVp ⁴⁾	90 lm/W	40000 lm
HQI-T 400 W/N/SI ¹⁾	400 W	400.00 W	3.42 A	45 µF ³⁾	125 V	0.75 / 1.3 kVp ⁴⁾	82 lm/W	33000 lm

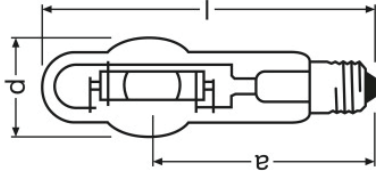
Dimensions & weight

Product description	Color temperature	Light color	Rated LLMF at 2,000 h	Rated LLMF at 4,000 h	Rated LLMF at 6,000 h	Rated LLMF at 8,000 h	Rated LLMF at 12,000 h	UV protection	Diameter	Length	Light center length (LCL)	Product weight
HQI-T 250 W/D PRO	5500 K	960	0.84	0.76	0.74	0.72	0.68	Yes	46.0 mm	226.0 mm	150.0 mm	150.00 g
HQI-T 250 W/N/SI ¹⁾	4500 K	642	0.77	0.61	0.38	0.32		Yes	57.0 mm	248.0 mm	160.0 mm	154.00 g
HQI-T 250 W/N PLUS	3800 K	742	0.84	0.76	0.74	0.72	0.68		46.0 mm	248.0 mm		150.00 g
HQI-BT 400 W/D PRO ²⁾	5500 K	960	0.83	0.76	0.70	0.65	0.55	Yes	62.0 mm	285.0 mm	175.0 mm	200.00 g
HQI-T 400 W/N ²⁾	3700 K	642	0.85	0.79	0.68	0.65	0.62	Yes	46.0 mm	273.0 mm	175.0 mm	179.40 g
HQI-T 400 W/N/SI ¹⁾	4100 K	642	0.76	0.67	0.60	0.51		Yes	57.0 mm	248.0 mm	160.0 mm	154.00 g

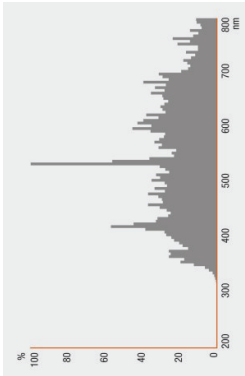
Product family datasheet



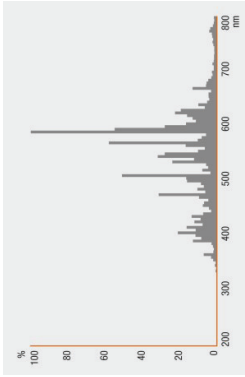
HQI-T 250 W/D PRO, HQI-T 250 W/N/SI, HQI-T 400 W/N, HQI-T 400 W/N/SI



HQI-BT 400 W/D PRO

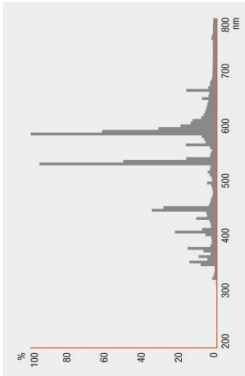


HQI-T 250 W/D PRO, HQI-BT 400 W/D PRO



HQI-T 250 W/N/SI, HQI-T 400 W/N/SI

Product family datasheet



HQI-T 400 W/N

Application advice

For more detailed application information and graphics please see product datasheet.

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321677846	HQI-T 250 W/D PRO	Shipping carton box 12	277 mm x 281 mm x 217 mm	16.89 dm ³	2304.00 g
4050300444604	HQI-T 250 W/N/SI	Shipping carton box 10	350 mm x 165 mm x 300 mm	17.33 dm ³	2300.00 g
4052899196919	HQI-T 250 W/N PLUS	Shipping carton box 12	216 mm x 166 mm x 272 mm	9.75 dm ³	2160.00 g

Product family datasheet

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4008321677860	HQI-BT 400 W/D PRO	Shipping carton box 12	342 mm x 347 mm x 258 mm	30.62 dm ³	3534.00 g
4008321526786	HQI-T 400 W/N	Shipping carton box 12	263 mm x 341 mm x 214 mm	19.19 dm ³	3007.00 g
4050300376431	HQI-T 400 W/N/SI	Shipping carton box 10	361 mm x 170 mm x 305 mm	18.72 dm ³	2447.33 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.