MH/HPI Metal halide

HPI-T High Wattage

HPI-T 2000W

HPI-T 1000W

Product Description

- Quartz metal halide lamps with clear outer bulb

Product Feature

- Clear tubular outer bulb
- Unique 3-band technology resulting in high luminous efficacy, both initially and over long lifetime
- Renders a natural white color appearance and good color stability

Product Benefit

- High safety and comfort level, maintained over life
- Minimal maintenance cost

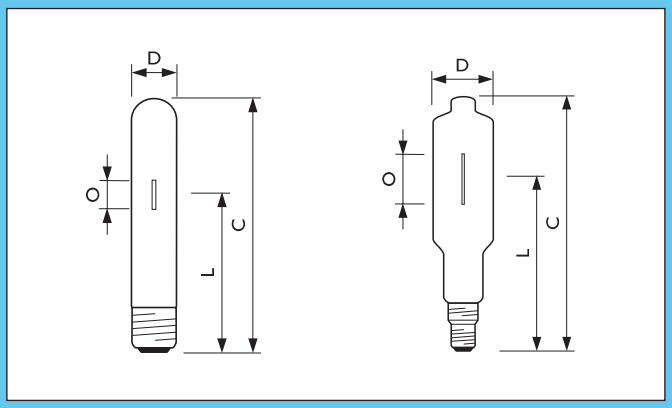
Application

- Sports lighting, floodlighting of buildings and monuments, area lighting e.g. harbours and building sites

Luminaires

- HPI-T Pro lamps require a protective front glass

Dimensions in mm



Product ID	Overall length C max.	Diameter D max.	Light center length L nom.	Arc length O nom.
1000W	382	66	240	80
2000W/380V	430	102	267	120
2000W/220V	430	102	290	89

Preferred selection

Product ID	Rated Lamp Wattage (W)	Lamp Wattage EL (W)	Lamp Current EL (A)	Lamp Voltage (V)	Voltage (V)	Mains Voltage Stable Operation (V)	Cap Base
HPI-T 1000W/643 E40 SLV	1000	985.0	8.25	130	220	198	E40
HPI-T 1000W/643 E40 SLV	1000	985.0	8.25	130	220	198	E40
HPI-T 2000W/642 E40 380V CRP	2000	1955	9.1	232	380	330	E40
HPI-T 2000W/646 E40 220V CRP	2000	1960.0	16.5	130	220	200	E40

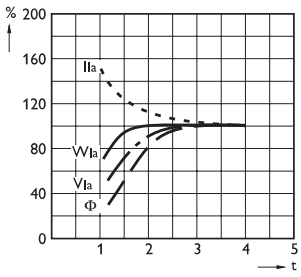
Product ID	Color Temperature (K)	Color Rendering Index (R_a)	Chromaticity Coordinate X	Chromaticity Coordinate Y	Bulb Finish	Luminous Flux Lamp (lm)	Luminous Efficacy Lamp (lm/W)
HPI-T 1000W/643 E40 SLV	4300	65	370	380	Clear	50000	86
HPI-T 1000W/643 E40 SLV	4300	65	370	380	Clear	50000	86
HPI-T 2000W/642 E40 380V CRP	3800	65	397	403	Clear	210000	107
HPI-T 2000W/646 E40 220V CRP	4200	65	375	385	Clear	189000	96

Product ID	Ignition Peak Voltage (V)	Ignition Supply Voltage min. (V)	Cap-Base Temperature (C)	Bulb Temperature (C)	Nett Weight Product In Grams (gr)
HPI-T 1000W/643 E40 SLV	750	198	300	600	420
HPI-T 1000W/643 E40 SLV	750	198	300	600	420
HPI-T 2000W/642 E40 380V CRP	5000	342	300	600	600
HPI-T 2000W/646 E40 220V CRP	5000	198	300	600	580

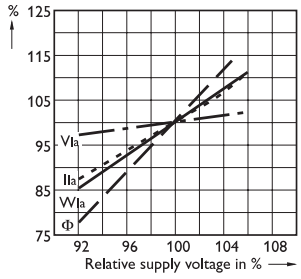
Performance diagrams

HPI-T

Lamp performance during run up



Effects of mains voltage variations



I_{la} = Lamp current
Φ = Luminous Flux
V_{la} = Lamp Voltage
W_{la} = Lamp Wattage