



Product Description

HPI-T

Quartz metal halide lamps with clear outer bulb

Benefits

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

Features

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

Application

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

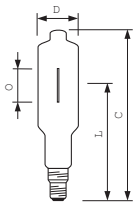
Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury lamps

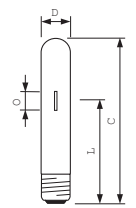
Related products



Dimensional drawing

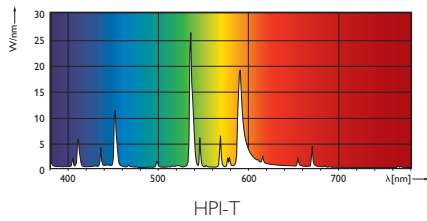


Product	C (Max)	D (Max)	L (Norm)	O (Norm)
HPI-T 2000W/646 E40 220V	430	101.5	290	89
HPI-T 2000W/642 HO E40 380V	430	101.5	267	120



Product	C (Max)	D (Max)	L (Norm)	O (Norm)
HPI-T 1000W/643 E40 220V	382	66	240	80

Photometric data



Compare table

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Burning Position	System Description	Colour Code	Colour Designation	Voltage	Lamp Wattage	Lamp Wattage EM
183767 45	HPI-T 2000W/646 E40 220V CRP	T100	Clear	GES	p75	-	646	Cool White	220	2000	1960.0
183736 45	HPI-T 1000W/643 E40 220V 1SL	T65	Clear	GES	p20	-	643	Cool White	220	1000	985.0
202352 45	HPI-T 2000W/642 E40 380V CRP	T100	Clear	GES	p20	High Output	642	Cool White	380	2000	1955

Compare table

Order code	Full product name	Lamp Luminous Flux EM	Lamp Voltage	Lamp Current EM	Dimmable	Chromaticity Coordinate X	Chromaticity Coordinate Y	Colour Rendering Index	Life to 10% failures	Life to 20% failures	Life to 5% failures
183767 45	HPI-T 2000W/646 E40 220V CRP	189000	130	16.5	no	375	385	65	5500	8000	3000
183736 45	HPI-T 1000W/643 E40 220V 1SL	85000	130	8.25	no	370	380	65	5500	8000	3000
202352 45	HPI-T 2000W/642 E40 380V CRP	210000	232	9.1	no	397	403	65	5500	8000	3000

Compare table

Order code	Full product name	Life to 50% failures	Lumen Maintenance 10000h	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Cap-Base Temperature	Bulb Temperature	Lamp Luminous Efficacy EM	Colour Temperature	Mercury (Hg) Content	Lumen Maintenance 1500h
183767 45	HPI-T 2000W/646 E40 220V CRP	12000	75	87	80	300	600	96	4200	155	90
183736 45	HPI-T 1000W/643 E40 220V 1SL	12000	75	87	80	300	555	86	4300	68	90
202352 45	HPI-T 2000W/642 E40 380V CRP	12000	75	90	80	300	600	107	3800	256	92



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www.philips.com/lighting

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data subject to change