



# 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 color appearance and good color 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

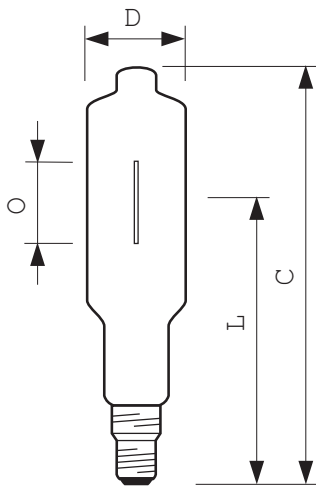


HPI-T, 1000W, E40



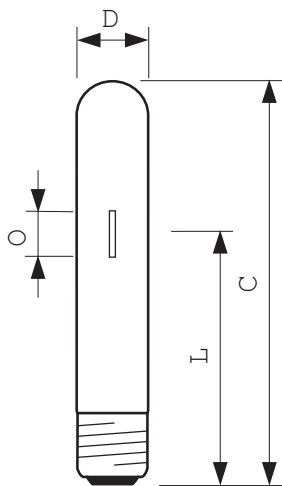
HPI-T, 2000W, E40

Dimensional drawing



HPI-T 2000W/646 E40 220V CRP

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



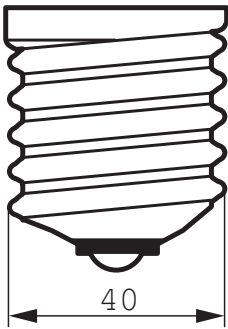
HPI-T 1000W/643 E40 220V 1SL

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

General Characteristics

Order code	Full product name	Bulb	Bulb Finish	Cap-Base	Operating Position	System Description	Life to 10% failures	Life to 20% failures	Life to 5% failures	Life to 50% failures
928074009204	HPI-T 1000W/643 E40 220V 1SL	T65	Clear	E40	p20	-	5500 hr	8000 hr	3000 hr	12000 hr
928074009231	HPI-T 1000W/643 E40 220V 1SL	T65	Clear	E40	p20	-	5500 hr	8000 hr	3000 hr	12000 hr
928482600092	HPI-T 1000W/643 E40 1SL	T65	Clear	E40	p	-	5500 hr	8000 hr	3000 hr	12000 hr
928482600093	HPI-T 1000W E40 1SL	T65	Clear	E40	p	-	5500 hr	8000 hr	3000 hr	12000 hr
928073609204	HPI-T 2000W/646 E40 220V 1SL	T100	Clear	E40	p75	-	5500 hr	8000 hr	3000 hr	12000 hr
928073609231	HPI-T 2000W/646 E40 220V CRP	T100	Clear	E40	p75	-	5500 hr	8000 hr	3000 hr	12000 hr
928074209204	HPI-T 2000W/642 E40 380V CRP	T100	Clear	E40	p20	High Output	5500 hr	8000 hr	3000 hr	12000 hr
928074209228	HPI-T 2000W/642 E40 380V CRP	T100	Clear	E40	p20	High Output	5500 hr	8000 hr	3000 hr	12000 hr

Installation diagrams



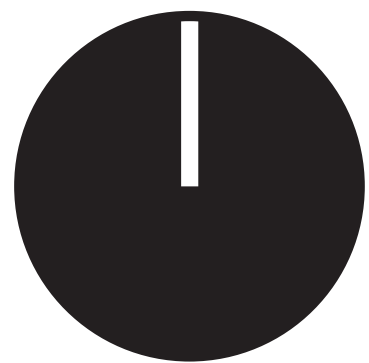
E40



p75



p20



p

### Light Technical Characteristics (1/2)

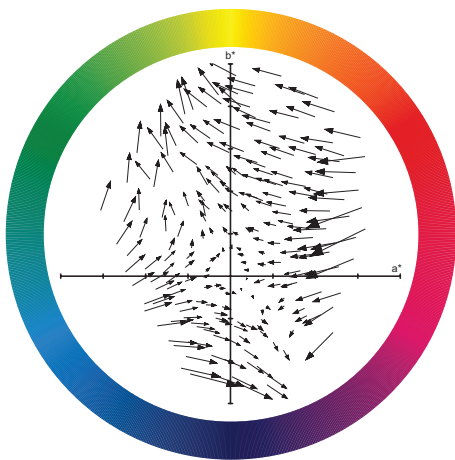
Order code	Full product name	Color Code	Color Designation (text)	Luminous Flux Lamp EM	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Lumen Maintenance 10000h	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Luminous Efficacy Lamp EM
928074009204	HPI-T 1000W/643 E40 220V 1SL	643	Cool White	85000 Lm	370 -	380 -	65 Ra8	75 %	87 %	80 %	86 Lm/W
928074009231	HPI-T 1000W/643 E40 220V 1SL	643	Cool White	85000 Lm	370 -	380 -	65 Ra8	75 %	87 %	80 %	86 Lm/W
928482600092	HPI-T 1000W/643 E40 1SL	643	Cool White	85000 Lm	370 -	380 -	57 Ra8	75 %	87 %	80 %	86 Lm/W
928482600093	HPI-T 1000W E40 1SL	643	Cool White	85000 Lm	370 -	380 -	57 Ra8	75 %	87 %	80 %	86 Lm/W
928073609204	HPI-T 2000W/646 E40 220V 1SL	646	Cool White	189000 Lm	375 -	385 -	65 Ra8	75 %	87 %	80 %	96 Lm/W
928073609231	HPI-T 2000W/646 E40 220V CRP	646	Cool White	189000 Lm	375 -	385 -	65 Ra8	75 %	87 %	80 %	96 Lm/W
928074209204	HPI-T 2000W/642 E40 380V CRP	642	Cool White	210000 Lm	397 -	403 -	65 Ra8	75 %	90 %	80 %	107 Lm/W
928074209228	HPI-T 2000W/642 E40 380V CRP	642	Cool White	210000 Lm	397 -	403 -	65 Ra8	75 %	90 %	80 %	107 Lm/W

### Light Technical Characteristics (2/2)

Order code	Full product name	Color Temperature	Lumen Maintenance 1500h
928074009204	HPI-T 1000W/643 E40 220V 1SL	4300 K	90 %
928074009231	HPI-T 1000W/643 E40 220V 1SL	4300 K	90 %
928482600092	HPI-T 1000W/643 E40 1SL	4300 K	90 %
928482600093	HPI-T 1000W E40 1SL	4300 K	90 %
928073609204	HPI-T 2000W/646 E40 220V 1SL	4200 K	90 %
928073609231	HPI-T 2000W/646 E40 220V CRP	4200 K	90 %

Order code	Full product name	Color Temperature	Lumen Maintenance 1500h
928074209204	HPI-T 2000W/642 E40 380V CRP	3800 K	92 %
928074209228	HPI-T 2000W/642 E40 380V CRP	3800 K	92 %

### Light technical

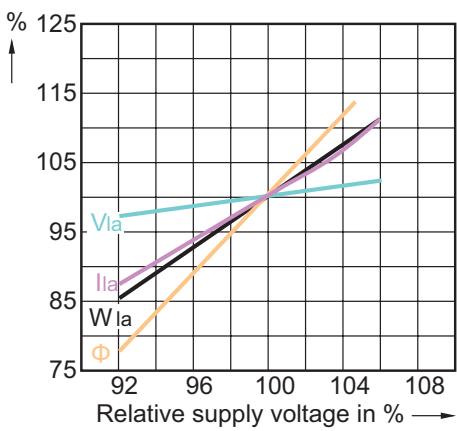


HPI-T 1000W, 2000W

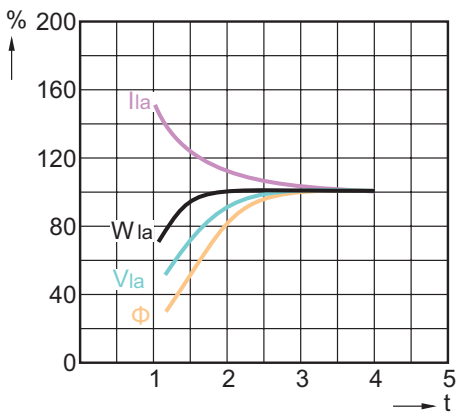
Electrical Characteristics

Order code	Full product name	Voltage	Lamp Wattage	Lamp Wattage EM	Lamp Voltage	Lamp Current EM	Dimmable
928074009204	HPI-T 1000W/643 E40 220V 1SL	220 V	1000 W	985.0 W	130 V	8.25 A	No
928074009231	HPI-T 1000W/643 E40 220V 1SL	220 V	1000 W	985.0 W	130 V	8.25 A	No
928482600092	HPI-T 1000W/643 E40 1SL	220 V	1000 W	985.0 W	130 V	8.25 A	No
928482600093	HPI-T 1000W E40 1SL	220 V	1000 W	985.0 W	130 V	8.25 A	No
928073609204	HPI-T 2000W/646 E40 220V 1SL	220 V	2000 W	1960.0 W	130 V	16.5 A	No
928073609231	HPI-T 2000W/646 E40 220V CRP	220 V	2000 W	1960.0 W	130 V	16.5 A	No
928074209204	HPI-T 2000W/642 E40 380V CRP	380 V	2000 W	1955 W	232 V	9.1 A	No
928074209228	HPI-T 2000W/642 E40 380V CRP	380 V	2000 W	1955 W	232 V	9.1 A	No

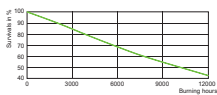
Performance diagrams



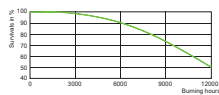
HPI-T



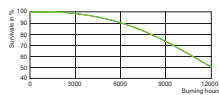
HPI-T



HPI-T 2000W 220V

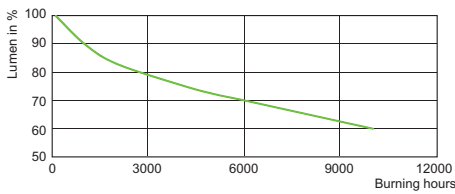


HPI-T 1000W

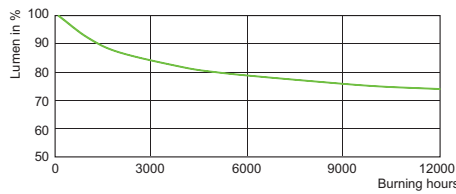


HPI-T 2000W 380V

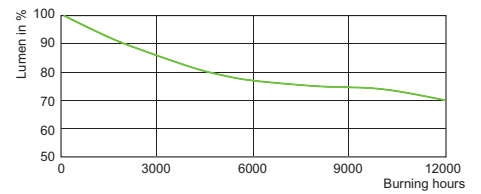
Performance diagrams



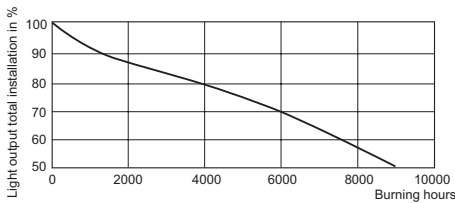
HPI-T 2000W 220V



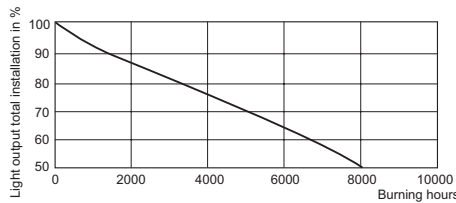
HPI-T 1000W



HPI-T 2000W 380V



HPI-T 1000W, 2000W



HPI-T 2000W /642

Environmental Characteristics

Order code	Full product name	Mercury (Hg) Content
928074009204	HPI-T 1000W/643 E40 220V 1SL	68 mg
928074009231	HPI-T 1000W/643 E40 220V 1SL	68 mg
928482600092	HPI-T 1000W/643 E40 1SL	mg
928482600093	HPI-T 1000W E40 1SL	mg
928073609204	HPI-T 2000W/646 E40 220V 1SL	155 mg
928073609231	HPI-T 2000W/646 E40 220V CRP	155 mg
928074209204	HPI-T 2000W/642 E40 380V CRP	256 mg
928074209228	HPI-T 2000W/642 E40 380V CRP	256 mg

Order code	Full product name	Cap-Base Temperature	Bulb Temperature
928074009231	HPI-T 1000W/643 E40 220V 1SL	300 (max) C	555 (max) C
928482600092	HPI-T 1000W/643 E40 1SL	300 (max) C	555 (max) C
928482600093	HPI-T 1000W E40 1SL	300 (max) C	555 (max) C
928073609204	HPI-T 2000W/646 E40 220V 1SL	300 (max) C	600 (max) C
928073609231	HPI-T 2000W/646 E40 220V CRP	300 (max) C	600 (max) C
928074209204	HPI-T 2000W/642 E40 380V CRP	300 (max) C	600 (max) C
928074209228	HPI-T 2000W/642 E40 380V CRP	300 (max) C	600 (max) C

Luminaire Design Requirements

Order code	Full product name	Cap-Base Temperature	Bulb Temperature
928074009204	HPI-T 1000W/643 E40 220V 1SL	300 (max) C	555 (max) C



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