

PHILIPS

Lighting



HPI-T High Wattage

HPI-T 1000W/543 E40 1SL/4

Quartz metal halide lamps with clear outer bulb

Product data

General Information	
Cap-Base	E40 [E40]
Operating Position	P [Parallel or Horizontal(HOR)]
Life to 5% Failures (Nom)	3000 h
Life to 10% Failures (Nom)	5500 h
Life to 20% Failures (Nom)	8000 h
Life to 50% Failures (Nom)	12000 h
System Description	-

Light Technical	
Color Code	543 [CCT of 4300K]
Luminous Flux (Rated) (Min)	79000 lm
Luminous Flux (Rated) (Nom)	85000 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	75 %
Lumen Maintenance 2000 h (Nom)	87 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	370
Chromaticity Coordinate Y (Nom)	380
Correlated Color Temperature (Nom)	4300 K
Luminous Efficacy (Rated) (Nom)	86 lm/W
Color Rendering Index (Nom)	57

Operating and Electrical	
Lamp supply voltage	220 V [220]
Power (Rated) (Nom)	985.0 W

Lamp Current Run-Up (Max)	
Lamp Current Run-Up (Max)	14.2 A
Lamp Current (EM) (Nom)	8.25 A
Ignition Supply Voltage (Max)	198 V
Ignition Supply Voltage (Min)	198 V
Ignition Time (Max)	30 s
Voltage (Max)	140 V
Voltage (Min)	120 V
Voltage (Nom)	130 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear

Approval and Application	
Energy Efficiency Label (EEL)	A
Mercury (Hg) Content (Nom)	86 mg
Energy Consumption kWh/1000 h	1084 kWh

Luminaire Design Requirements	
Bulb Temperature (Max)	555 °C
Cap-Base Temperature (Max)	300 °C

Product Data	
Full product code	871150018373645

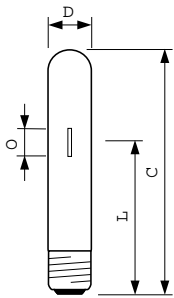
HPI-T High Wattage

Order product name	HPI-T 1000W/543 E40 1SL/4	Material Nr. (12NC)	928482600096
EAN/UPC - Product	8711500183736	Net Weight (Piece)	0.426 kg
Order code	928482600096		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	4		

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
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

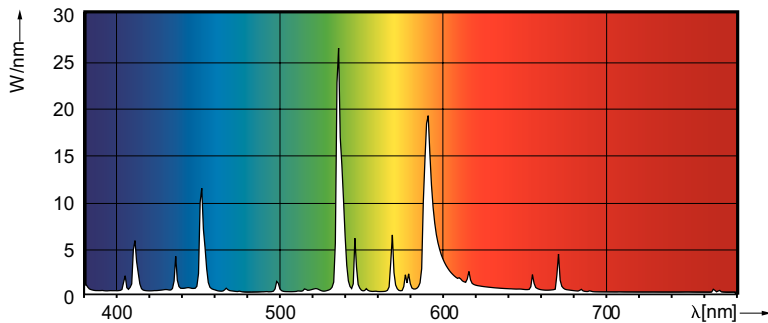
Dimensional drawing



Product	D (max)	O	L	C (max)
HPI-T 1000W/543 E40 1SL/4	66 mm	80 mm	240 mm	382 mm

HPI-T 1000W/543 E40

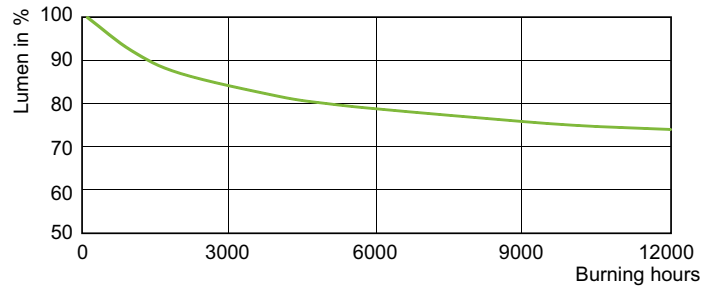
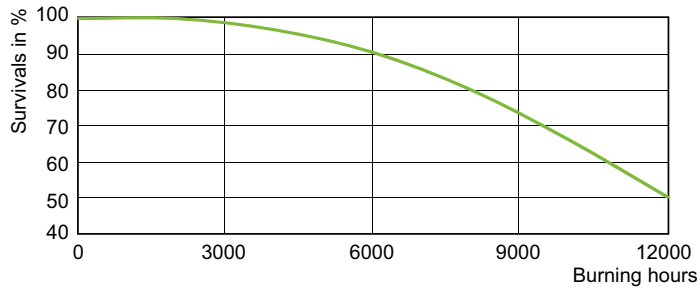
Photometric data



HPI-T

HPI-T High Wattage

Lifetime



HPI-T 1000 W Life Expectancy

HPI-T 1000 W Lumen Maintenance

