



# HPI-T High Wattage

## HPI-T 2000W/646 E40 220V CRP/4

Quartz metal halide lamps with clear outer bulb

### Product data

General Information	
Cap base	E40 [ E40]
Burning Position	P75 [ Parallel +/-75D 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	
Colour Code	646 [ CCT of 4,600 K]
Lamp Luminous Flux (Min)	182000 lm
Lamp Luminous Flux (Nom)	189000 lm
Colour Designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	60 %
Lumen maintenance 2,000 hours (nom.)	77 %
Lumen maintenance 5,000 hours (nom.)	67 %
Chromaticity coordinate X (nom.)	375
Chromaticity coordinate Y (nom.)	385
Colour Temperature, horizontal (Nom)	4200 K
Lamp Luminous Efficacy EM (Nom)	95 lm/W
Colour Rendering Index,horiz (Nom)	63

Operating and Electrical	
Lamp supply voltage	220 V [ 220]
Technical Lamp Power (Nom)	1980 W

Lamp current run-up (max.)	28.4 A
Lamp current (EM) (nom.)	16.5 A
Ignition peak voltage (max.)	5000 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.)	155 mg
Energy Consumption kWh/1000 h	2178 kWh

Luminaire Design Requirements	
Bulb temperature (max.)	600 °C
Cap base temperature (max.)	300 °C

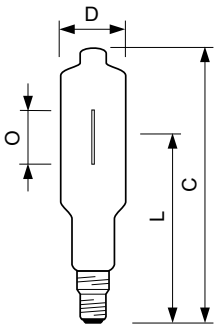
Product Data	
Full product code	871150018376745

# HPI-T High Wattage

Order product name	HPI-T 2000W/646 E40 220V CRP/4
EAN/UPC – product	8711500183767
Order code	928073609231
Numerator – quantity per pack	1
Numerator – packs per outer box	4

Material no. (12NC)	928073609231
Net weight (piece)	569.000 g
ILCOS Code	MT-2000/46/2B-H-E40-/H

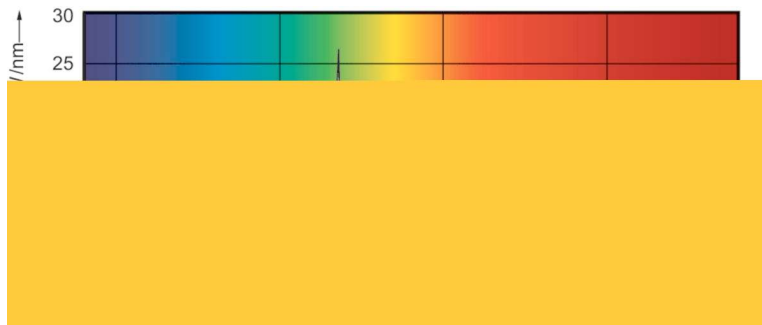
## Dimensional drawing



HPI-T 2000W/646 E40 220V

Product	HPI-T 2000W/646 E40 220V CRP/4
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## Photometric data

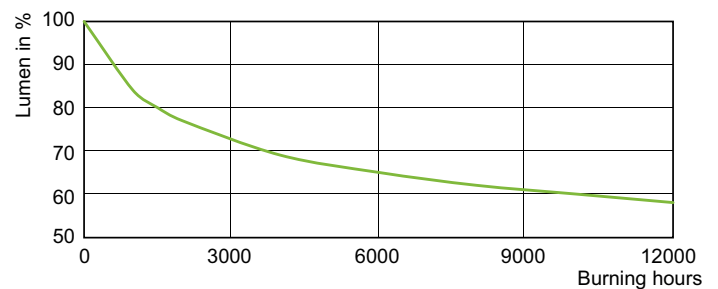


LDPO\_HPI-THW-Spectral power distribution Colour

## Lifetime



LDLE\_HPI-THW\_0003-Life expectancy diagram



LDLM\_HPI-THW\_0001-Lumen maintenance diagram

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