



# MASTER HPI-T Plus

MASTER HPI-T Plus 400W/645 E40 1SL

Quartz metal halide lamps with clear outer bulb

## Product data

### • General Characteristics

System Description	Horizontal [Horizontal Operating Position]
Cap-Base	E40
Bulb	T46 [T 46mm]
Bulb Finish	Clear
Operating Position	p20 [Parallel +/-20D or Horizontal(HOR)]
Life to 5% failures	5000 hr
Life to 10% failures	7500 hr
Life to 20% failures	11000 hr
Life to 50% failures	20000 hr

### • Light Technical Characteristics

Color Code	645 [CCT of 4500K]
Color Rendering Index	65 Ra8
Color Designation (text)	Cool White
Color Temperature	4500 K
Luminous Flux Lamp EM	32000 Lm
Luminous Efficacy Lamp EM	84 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	70 %
Lumen Maintenance 20000h	60 %
Chromaticity Coordinate X	361 -
Chromaticity Coordinate Y	372 -

### • Electrical Characteristics

Lamp Wattage	400 W
Lamp Wattage EM	382 W
Lamp Voltage	125 V
Lamp Current EM	3.4 A
Ignition Time	10 (max) s
Dimmable	No

### • Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	29.5 mg
Energy consumption kWh/1000h	420 kWh

### • Luminaire Design Requirements

Cap-Base Temperature	250 (max) C
Bulb Temperature	600 (max) C

### • Product Dimensions

Overall Length C	286 (max) mm
Diameter D	47 (max) mm
Light Center Length L	168 mm
Arc Length O	30.5 mm

### • Product Data

Order code	928481600092
Full product code	928481600092

**PHILIPS**

# MASTER HPI-T Plus

Full product name MASTER HPI-T Plus 400W/645 E40 1SL  
 Order product name MASTER HPI-T Plus 400W/645 E40 1SL/12  
 Pieces per pack 1  
 Packing configuration 12  
 Packs per outerbox 12

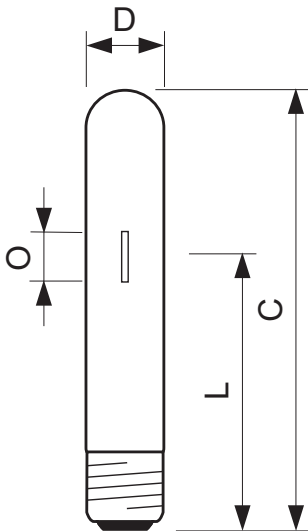
Bar code on pack - EAN1 8711500203458  
 Bar code on outerbox - EAN3 8711500203465  
 Logistic code(s) - 12NC 928481600092  
 Net weight per piece 0.210 kg

## Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)

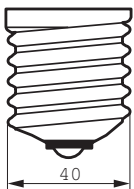
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- For use with control gear designed for high-pressure mercury or sodium lamps

## Dimensional drawing



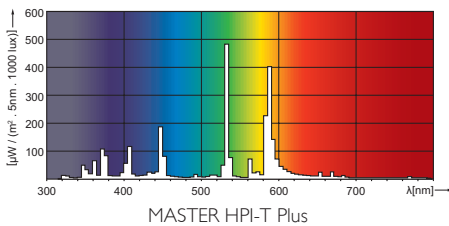
### MASTER HPI-T Plus 400W/645 E40 1SL

Product	C (Max)	D (Max)	L (Norm)	O (Norm)
HPI-T Plus 400W/645 E40	286	47	168	30.5



E40

## Photometric data





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data subject to change