



MH-NaSc

MH 400W/640 E40 CL U 1SL/6

Sodium Scandium Metal Halide Lamps consisting of a gasfilled glass bulb, which alternatively are clear or internal coated, and a quartz discharge tube (DT).

Product data

• General Information

Cap base	E40 [E40]
Bulb shape	ED120 [ED 120mm]
Burning Position	H [Hanging or Base Up (BU)]
Life to 50% failures (nom.)	20000 h
System description	na [-]

• Light Technical

Lamp Luminous Flux (Min)	34000 lm
Lamp Luminous Flux (Nom)	39000 lm
Colour Designation	Cool White (CW)
Lumen maintenance 2,000 hours (nom.)	85 %
Chromaticity coordinate X (nom.)	390
Chromaticity coordinate Y (nom.)	400
Colour Temperature, horizontal (Nom)	3900 K
Lamp Luminous Efficacy EM (Nom)	97.5 lm/W
Colour Rendering Index,horiz (Nom)	60

• Operating and Electrical

Power (Rated) (Max)	440.0 W
Power (Rated) (Min)	- W
Power (Rated) (Nom)	400.0 W
Lamp current run-up (max.)	5 A

Lamp current (EM) (nom.)	3.25 A
Ignition supply voltage (max.)	198 V
Ignition supply voltage (min.)	198 V
Ignition time (max.)	120 s
Voltage (Max)	150 V
Voltage (Min)	120 V
Voltage (Nom)	135 V

• Controls and Dimming

Dimmable	no
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• Mechanical and Housing

Bulb finish	Clear (CL)
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• Approval and Application

Energy efficiency label (EEL)	A+
Mercury (Hg) content (nom.)	48 mg
Energy Consumption kWh/1000 h	440 kWh

• Luminaire Design Requirements

Bulb temperature (max.)	400 °C
Cap base temperature (max.)	210 °C

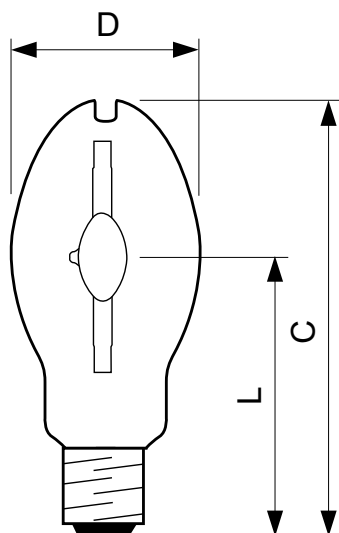
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• Product Data

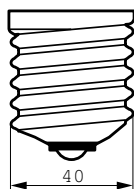
Full product code 871150019939310
Order product name MH 400W/640 E40 CL U 1SL/6
EAN/UPC – product 8711500199393
Order code 928480400097
Local Code MH400WUGES

Numerator – quantity per pack 1
Numerator – packs per outer box 6
Material no. (12NC) 928480400097
Net weight (piece) 0.259 kg

Dimensional drawing



400W, E40



MH 400W/640 E40 CL

Product	D	L	C
MH 400W/640 E40 CL U 1SL/6	121 mm	184 mm	290 mm



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data subject to change