



MH-NaSc

MH Quartz 400W/637 E40 CO 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]
Burning Position	H [Hanging or Base Up (BU)]
Life to 50% failures (nom.)	16000 h
System description	na [-]
Light Technical	
Colour Code	637 [CCT of 3,700 K]
Lamp Luminous Flux (Min)	25900 lm
Lamp Luminous Flux (Nom)	33400 lm
Colour Designation	Cool White (CW)
Lumen maintenance 1,000 hours (nom.)	85 %
Chromaticity coordinate X (nom.)	405
Chromaticity coordinate Y (nom.)	395
Lamp Luminous Efficacy EM (Nom)	83.5 lm/W
Colour Rendering Index,horiz (Nom)	61
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

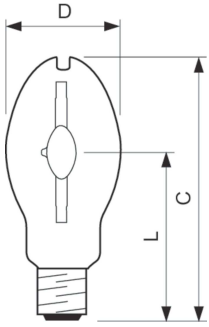
Voltage (Max)	150 V
Voltage (Min)	120 V
Voltage (Nom)	135 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Coated glass
Bulb shape	ED120 [ED 120mm]
Approval and Application	
Mercury (Hg) content (nom.)	38 mg
Energy consumption kWh/1,000 hours	440 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	400 °C
Cap-base temperature (max.)	210 °C
Product Data	
Full product code	871150019998000
Order product name	MH Quartz 400W/637 E40 CO U 1SL/6
EAN/UPC – product	8711500199980
Order code	928480410097
Local order code	MH400WUGESCO

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SAP numerator – quantity per pack	1
Numerator – packs per outer box	6
SAP material	928480410097

SAP net weight (piece)	0.255 kg
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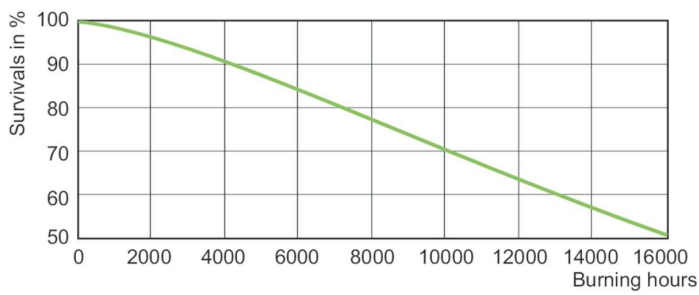
Dimensional drawing



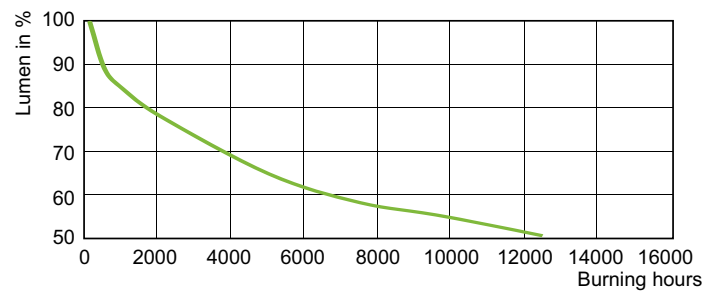
MH 400W/637 E40 CO

Product	D (max)	L (min)	C (max)
MH Quartz 400W/637 E40 CO U 1SL/6	121 mm	184 mm	290 mm

Lifetime



LDLE_MH_0011-Life expectancy diagram



LDLM_MH_0009-Lumen maintenance diagram

