



# 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

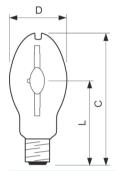
Voltage (Max)	150 V
Voltage (Min)	120 V
Voltage (Nom)	135 V
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Coated glass
Bulb shape	ED120 [ ED 120mm]
Approval and Application	
Mercury (Hg) content (nom.)	38 mg
Energy consumption kWh/1,000 hours	440 kWh
Luminaire Design Requirements	
Bulb temperature (max.)	400 ℃
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
SAP numerator – quantity per pack	1
·	·

Datasheet, 2022, January 14 data subject to change

### MH-NaSc

Numerator – packs per outer box	6
SAP material	928480410097
SAP net weight (piece)	0.255 kg

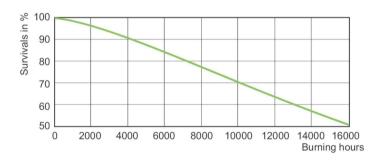
### Dimensional drawing

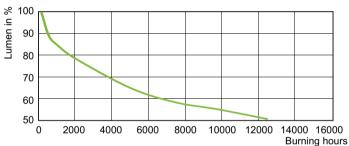


MH Quartz 400W/637 E40 CO U 1SL/6

# 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



© 2022 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.