

# PHILIPS

## Lighting



## MH-Sc

### MH 70W/640 E27 CL 1SL/24

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	E27 [ E27]
Burning Position	H [ Hanging or Base Up (BU)]
Life to 5% failures (nom.)	2000 h
Life to 20% failures (nom.)	5000 h
Life to 50% failures (nom.)	10000 h
System description	na [ -]

Light Technical	
Colour Code	640 [ CCT of 4,000 K]
Lamp Luminous Flux (Min)	4200 lm
Lamp Luminous Flux (Nom)	5600 lm
Colour Designation	Cool White (CW)
Lumen maintenance 2,000 hours (nom.)	75 %
Lumen maintenance 5,000 hours (nom.)	60 %
Chromaticity coordinate X (nom.)	390
Chromaticity coordinate Y (nom.)	380
Colour Temperature, horizontal (Nom)	4000 K
Lamp Luminous Efficacy EM (Nom)	74 lm/W
Colour Rendering Index,horiz (Nom)	60

Operating and Electrical	
Power (Rated) (Max)	- W
Power (Rated) (Min)	- W
Power (Rated) (Nom)	76 W

Lamp current run-up (max.)	1.5 A
Lamp current (EM) (nom.)	0.98 A
Ignition supply voltage (max.)	198 V
Ignition supply voltage (min.)	198 V
Voltage (Max)	100 V
Voltage (Min)	75 V
Voltage (Nom)	85 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Lamp Finish	Clear

Approval and Application	
Mercury (Hg) content (nom.)	12 mg

Luminaire Design Requirements	
Bulb temperature (max.)	450 °C
Cap-base temperature (max.)	250 °C

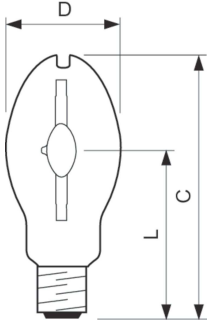
Product Data	
Full product code	871150021155230
Order product name	MH 70W/640 E27 CL 1SL/24
EAN/UPC – product	8711500211552

# MH-NaSc

Order code	928484400092
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24
Material no. (12 NC)	928484400092

SAP net weight (piece)	0.073 kg
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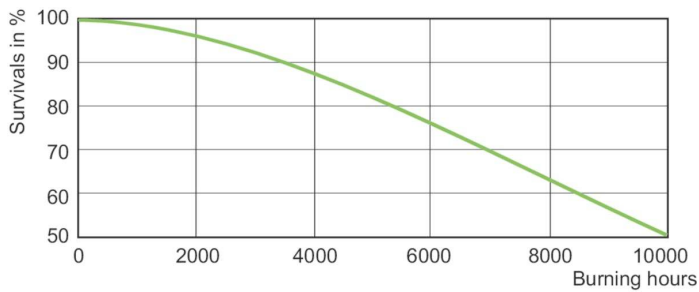
## Dimensional drawing



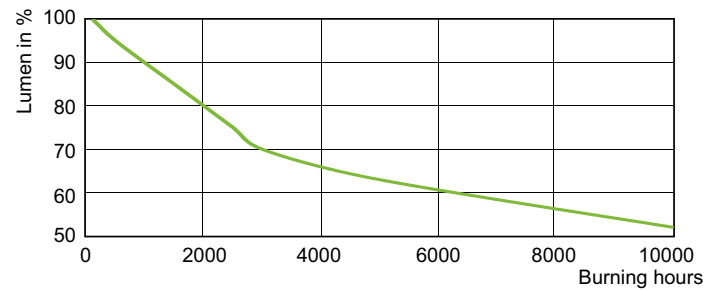
MH 70W/640 E27 CL

Product	D (max)	L (min)	C (max)
MH 70W/640 E27 CL 1SL/24	56 mm	83 mm	141 mm

## Lifetime



LDLE\_MH\_0009-Life expectancy diagram



LDLM\_MH\_0010-Lumen maintenance diagram

