

# 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

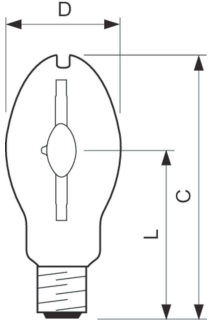
General Information		Lamp current run-up (max.)	
Cap base	E27 [ E27]	Lamp current (EM) (nom.)	0.98 A
Burning Position	H [ Hanging or Base Up (BU)]	Ignition supply voltage (max.)	198 V
Life to 5% failures (nom.)	2000 h	Ignition supply voltage (min.)	198 V
Life to 20% failures (nom.)	5000 h	Voltage (Max)	100 V
Life to 50% failures (nom.)	10000 h	Voltage (Min)	75 V
System description	na [ -]	Voltage (Nom)	85 V
Light Technical		Controls and Dimming	
Colour Code	640 [ CCT of 4,000 K]	Dimmable	No
Lamp Luminous Flux (Min)	4200 lm	Mechanical and Housing	
Lamp Luminous Flux (Nom)	5600 lm	Lamp Finish	Clear
Colour Designation	Cool White (CW)	Bulb shape	ED55 [ ED 55mm]
Lumen maintenance 2,000 hours (nom.)	75 %	Approval and Application	
Lumen maintenance 5,000 hours (nom.)	60 %	Mercury (Hg) content (nom.)	12 mg
Chromaticity coordinate X (nom.)	390	Luminaire Design Requirements	
Chromaticity coordinate Y (nom.)	380	Bulb temperature (max.)	450 °C
Colour Temperature, horizontal (Nom)	4000 K	Cap-base temperature (max.)	250 °C
Lamp Luminous Efficacy EM (Nom)	74 lm/W	Product Data	
Colour Rendering Index,horiz (Nom)	60	Full product code	871150021155230
Operating and Electrical		Order product name	MH 70W/640 E27 CL 1SL/24
Power (Rated) (Max)	- W		
Power (Rated) (Min)	- W		
Power (Rated) (Nom)	76 W		

# MH-NaSc

EAN/UPC – product	8711500211552
Order code	928484400092
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24

SAP material	928484400092
SAP net weight (piece)	0.073 kg

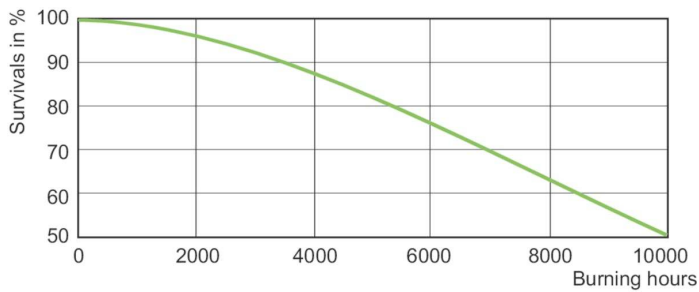
## Dimensional drawing



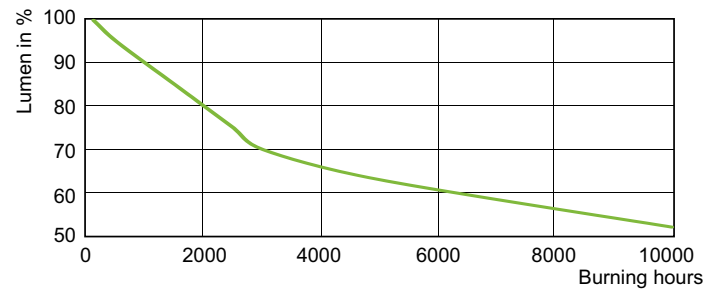
MH 70W/640 E27 CL

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

