

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]
Operating 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]
Luminous flux (rated) (min.)	4200 lm
Luminous flux (rated) (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
Correlated Colour Temperature (Nom)	4000 K
Luminous efficacy (rated) (nom.)	74 lm/W
Colour rendering index (nom.)	60

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

Lamp current run-up (max.)	
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
Bulb shape	ED55 [ED 55mm]

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

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

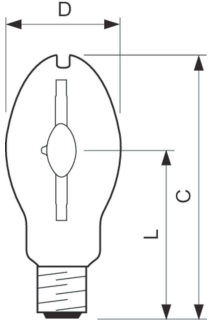
Product Data	
Full product code	871150021155230
Order product name	MH 70W/640 E27 CL 1SL/24

MH-NaSc

EAN/UPC – product	8711500211552
Order code	21155230
SAP numerator – quantity per pack	1
Numerator – packs per outer box	24

SAP material	928484400092
SAP net weight (piece)	0.073 kg

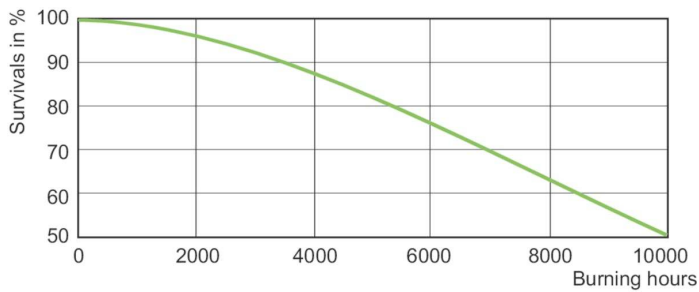
Dimensional drawing



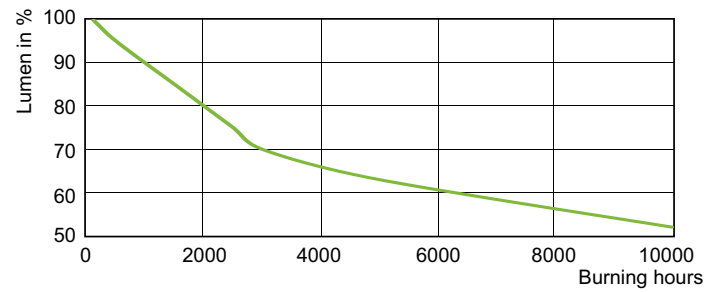
MH 70W/640 E27 CL

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

