

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

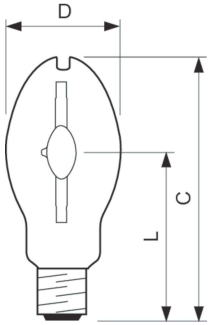
General Information		Lamp current run-up (max.)	
Cap base	E27 [E27]	Lamp current (EM) (nom.)	1.5 A
Burning Position	H [Hanging or Base Up (BU)]	Ignition supply voltage (max.)	0.98 A
Life to 5% failures (nom.)	2000 h	Ignition supply voltage (min.)	198 V
Life to 20% failures (nom.)	5000 h	Voltage (Max)	198 V
Life to 50% failures (nom.)	10000 h	Voltage (Min)	100 V
System description	na [-]	Voltage (Nom)	75 V
			85 V
Light Technical		Controls and Dimming	
Colour Code	640 [CCT of 4,000 K]	Dimmable	No
Lamp Luminous Flux (Min)	4200 lm		
Lamp Luminous Flux (Nom)	5600 lm	Mechanical and Housing	
Colour Designation	Cool White (CW)	Lamp Finish	Clear
Lumen maintenance 2,000 hours (nom.)	75 %	Bulb shape	ED55 [ED 55mm]
Lumen maintenance 5,000 hours (nom.)	60 %		
Chromaticity coordinate X (nom.)	390	Approval and Application	
Chromaticity coordinate Y (nom.)	380	Mercury (Hg) content (nom.)	12 mg
Colour Temperature, horizontal (Nom)	4000 K		
Lamp Luminous Efficacy EM (Nom)	74 lm/W	Luminaire Design Requirements	
Colour Rendering Index,horiz (Nom)	60	Bulb temperature (max.)	450 °C
		Cap-base temperature (max.)	250 °C
Operating and Electrical		Product Data	
Power (Rated) (Max)	- W	Full product code	871150021155230
Power (Rated) (Min)	- W	Order product name	MH 70W/640 E27 CL 1SL/24
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

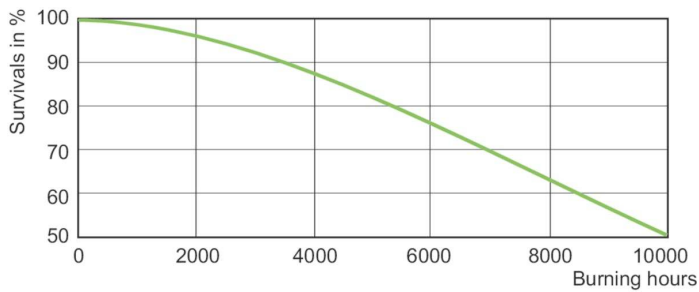
Dimensional drawing



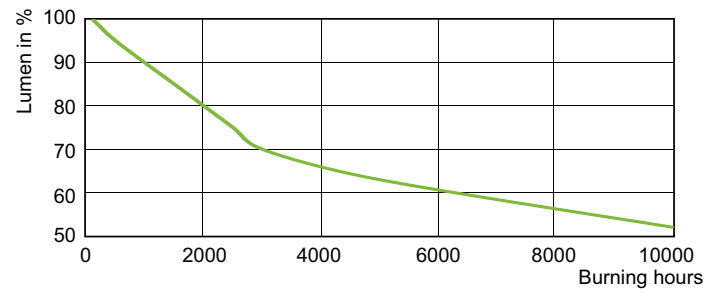
MH 70W/640 E27 CL

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

