



MH-NaSc

MH 100W/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	-			
Light Technical				
Color Code	640 [CCT of 4000K]			
Luminous Flux (Rated) (Min)	8730 lm			
Luminous Flux (Rated) (Nom)	9700 lm			
Color Designation	Cool White (CW)			
Lumen Maintenance 2000 h (Nom)	75 %			
Lumen Maintenance 5000 h (Nom)	60 %			
Chromaticity Coordinate X (Nom)	375			
Chromaticity Coordinate Y (Nom)	385			
Correlated Color Temperature (Nom)	4200 K			
Luminous Efficacy (rated) (Nom)	92 lm/W			
Color Rendering Index (Nom)	65			
Operating and Electrical				
Power (Rated) (Max)	- W			
Power (Rated) (Min)	- W			
Power (Nom)	105 W			

Lamp Current Run-Up (Max)	1.5 A		
Lamp Current (EM) (Nom)	1.1 A		
gnition Supply Voltage (Max)	198 V		
gnition Peak Voltage (Max)	2700 V		
gnition Supply Voltage (Min)	198 V		
Voltage (Max)	110 V		
Voltage (Min)	90 V		
Voltage (Nom)	100 V		
Controls and Dimming			
Dimmable	No		
Mechanical and Housing			
Bulb Finish	Clear		
Bulb Shape	ED55 [ED 55mm]		
Approval and Application			
Mercury (Hg) Content (Nom)	10.2 mg		
Energy Consumption kWh/1000 h	110 kWh		
Luminaire Design Requirements			
Bulb Temperature (Max)	450 °C		
Cap-Base Temperature (Max)	250 °C		

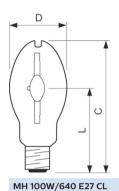
Datasheet, 2021, August 14 data subject to change

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Product Data		
Full product code	871150021157600	
Order product name	MH 100W/640 E27 CL 1SL/24	
EAN/UPC - Product	8711500211576	
Order code	928484500092	
Numerator - Quantity Per Pack	1	

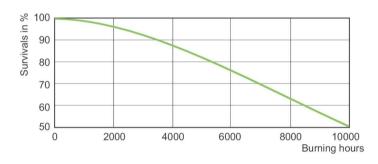
Numerator - Packs per outer box	24
Material Nr. (12NC)	928484500092
Net Weight (Piece)	0.073 kg

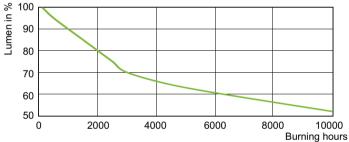
Dimensional drawing



Product	D (max)	L (min)	C (max)
MH 100W/640 E27 CL 1SL/24	56 mm	83 mm	141 mm

Lifetime





LDLE_MH_0009-Life expectancy diagram

LDLM_MH_0010-Lumen maintenance diagram



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