



# Product description

## MH-Sc

Sodium Scandium Metal Halide Lamps consisting of a gasfilled glass bulb, which alternatively are clear or internal coated, and a quartz discharge tube (DT).

### Benefits

- Energy saving solution with better color appearance and rendering property for conventional version.
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### Features

- Quartz discharge tube containing high-pressure mercury and a mixture of Sodium and Scandium halides, which contribute to multi-lines spectra; with Ar to aid ignition.
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- Better colour rendering index around 60
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- Luminous efficacy up to 90 lm/W
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- Low wattage lamps with extra quartz tube around DT to prevent the risk of outer bulb shattering when abnormal operated or to the end of life.
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- Universal operation position permitted
- Universal operation position permitted

Application

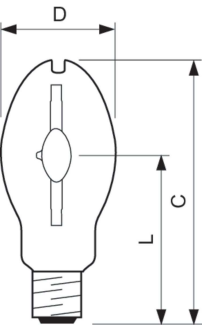
- Stadium and sports facilities lighting
- Stadium and sports facilities lighting
- Industrial and commercial lighting—factory
- Industrial and commercial lighting—factory
- supermarket and exhibition hall etc.
- supermarket and exhibition hall etc.
- Public lighting—square, station, port, airport etc.
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- Decorative flood lighting—monument, buildings e.g.
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- hotel
- hotel

Versions



LPPR MH E26 E27 CL

Dimensional drawing



Product	D (max)	L (min)	C (max)
MH 100W/640 E27 CL 1SL/24	56 mm	83 mm	141 mm
MH 150W/640 E27 CL 1SL/24	56 mm	83 mm	141 mm
MH 70W/640 E27 CL 1SL/24	56 mm	83 mm	141 mm

General Information	
Cap-Base	E27
Operating Position	H
Light Technical	
Color Designation	Cool White (CW)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED55

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Correlated Color	Color rendering	Luminous Efficacy (rated)
		Coordinate X (Nom)	Coordinate Y (Nom)	Temperature (Nom)	index (CRI)	(Nom)
928484400092	MH 70W/640 E27 CL 1SL/24	390	380	4000 K	60	74 lm/W
928484500092	MH 100W/640 E27 CL 1SL/24	375	385	4200 K	65	92 lm/W
928484600092	MH 150W/640 E27 CL 1SL/24	385	390	4000 K	65	95 lm/W

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928484400092	MH 70W/640 E27 CL 1SL/24	85 V	76 W
928484500092	MH 100W/640 E27 CL 1SL/24	100 V	105 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928484600092	MH 150W/640 E27 CL 1SL/24	95 V	153 W

Approval and Application

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928484400092	MH 70W/640 E27 CL 1SL/24	-	12 mg
928484500092	MH 100W/640 E27 CL 1SL/24	110 kWh	10.2 mg

Order Code	Full Product Name	Energy Consumption	Mercury (Hg)
		kWh/1000 h	Content (Nom)
928484600092	MH 150W/640 E27 CL 1SL/24	165 kWh	11 mg

