



# **Product description**

## MH-NaSc

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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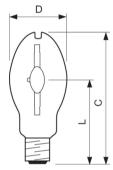
#### **Features**

- 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
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### **Application**

- · Stadium and sports facilities lighting
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- $\cdot$  Industrial and commercial lighting—factory
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- 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

# Dimensional drawing



General Information	
Cap-Base	E27
Operating Position	Н
Light Technical	
Color Designation	Cool White (CW)
Controls and Dimming	
Dimmable	No
Mechanical and Housing	

Clear ED55

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

## **Light Technical**

**Bulb Finish** 

Bulb Shape

		Chromaticity	Chromaticity	Correlated Color	Color rendering	Luminous Efficacy (rated)
Order Code	Full Product Name	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

# MH-NaSc

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**

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

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



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