



# 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.

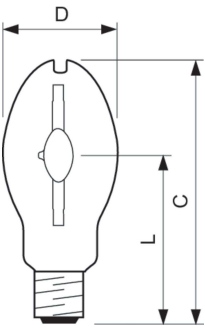
### Features

- 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.
- Better colour rendering index around 60
- Luminous efficacy up to 90 lm/W
- 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.
- Universal operation position permitted

### Application

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

Dimensional drawing



Product	D (max)	L (min)	C (max)
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)
Correlated Color Temperature (Nom)	4000 K
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	ED55

Light Technical

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

Order Code	Full Product Name	Chromaticity	Chromaticity	Color	Luminous
		Coordinate X (Nom)	Coordinate Y (Nom)	rendering index (CRI) (Nom)	Efficacy (rated) (Nom)
928484400092	MH 70W/640 E27 CL 1SL/24	390	380	60	74 lm/W
928484600092	MH 150W/640 E27 CL 1SL/24	385	390	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

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 kWh/1000 h	Mercury (Hg) Content (Nom)
928484400092	MH 70W/640 E27 CL 1SL/24	-	12 mg

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

