

PHILIPS

Lighting



Product Description

MHN-TD

Double-envelope, single- or double-ended Metal halide lamps

Benefits

- All types are UV-Block for reduced health and fading risks

Features

- Quartz discharge tube containing high-pressure mercury and a mixture of dysprosium, holmium and thulium halides (MHN-TD) or tin iodide (MHW-TD), with sodium and thallium added for colour correction and arc stabilisation
- Double-ended lamps housed in a tubular clear UV-Block quartz evacuated outer envelope
- Restricted burning position

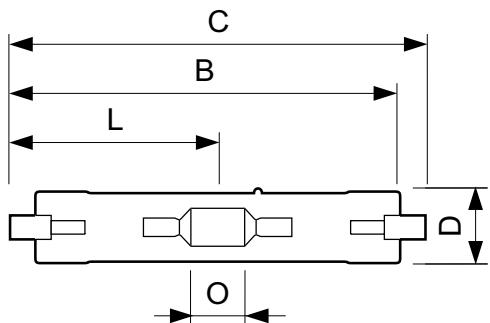
Application

- Indoors - accent lighting, general lighting in downlighters, e.g. in shops and malls
- Downlighters, uplighters and wall-washers, e.g. in shops and malls
- Outdoors - floodlighting monuments, facades and billboards

Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Dimensional drawing



Product	D (max)	D	O	C (max)
MHN-TD 150W/730 RX7s 1CT/12	23.0 mm	0.89 inch	17.8 mm	135.4 mm
MHN-TD 150W/842 RX7s 1CT/12	23.0 mm	0.89 inch	17.8 mm	135.4 mm

General Information	
Cap-Base	RX7s
Operating Position	P45
Operating and Electrical	
Power Consumption	155.0 W
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD
Approval and Application	
Energy Consumption kWh/1000 h	155 kWh

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity		Chromaticity		Correlated Color	Color rendering	Luminous Efficacy	Luminous Efficacy	
		Coordinate X	(Nom)	Coordinate Y	(Nom)	Color Designation	Temperature (Nom)	index (CRI)	(Rated) (Min)	(rated) (Nom)
928076505190	MHN-TD 150W/842 RX7s 1CT/12	0.371		0.366		Cool White (CW)	4200 K	81	73 lm/W	81 lm/W
928482500092	MHN-TD 150W/730 RX7s 1CT/12	0.434		0.398		Warm White (WW)	3000 K	67	81 lm/W	90 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux	Order Code	Full Product Name	Luminous Flux
928076505190	MHN-TD 150W/842 RX7s 1CT/12	12,500 lm	928482500092	MHN-TD 150W/730 RX7s 1CT/12	13,400 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)
928076505190	MHN-TD 150W/842 RX7s 1CT/12	98 V

Order Code	Full Product Name	Voltage (Nom)
928482500092	MHN-TD 150W/730 RX7s 1CT/12	96 V

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928076505190	MHN-TD 150W/842 RX7s 1CT/12	12.3 mg	12.3 mg
928482500092	MHN-TD 150W/730 RX7s 1CT/12	18 mg	18 mg

