PHILIPS

MHN-TD

DMHNTD



Product Description

Double-ended quartz Metal-halide lamp

Benefits

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

Applications

- 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

Features

- Quartz discharge tube containing high-pressure mercury and a mixture of dysprosium, holmium and thulium halides (4200 K) or tin iodide (3000 K), with sodium and thallium added for color correction and arc stabilization
- Double-ended lamps housed in a tubular clear UV-Block quartz evacuated outer envelope
- Restricted burning position
- 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.

Versions

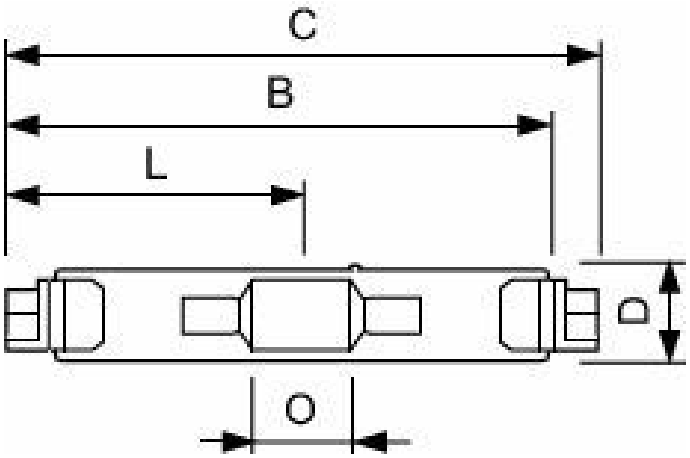


LPPR_MHN-TD_RX7s-Product photo

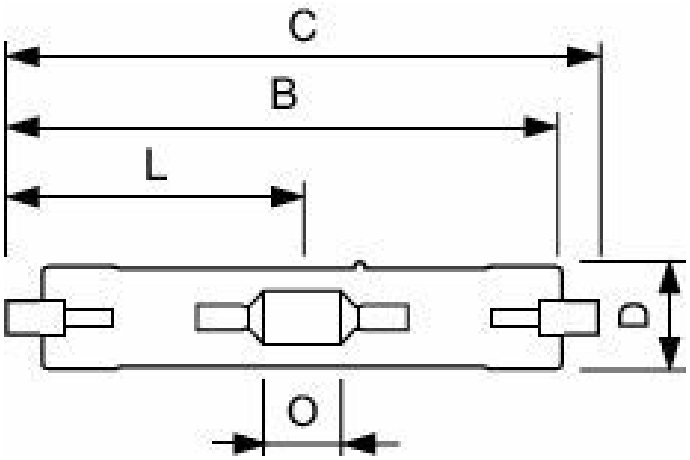


LPPR MHN-TD FC2

Dimensional drawing



Product	D (max)	D	O	C (max)
MHN-TD 250W/842 FC2 1CT/12	27.5 mm	1.08 inch	27 mm	161.6 mm



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
MHN-TD 70W/730 RX7s 1CT/12	19.5 mm	0.75 inch	7.7 mm	117.6 mm

General Information

Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear

General Information

Order Code	Full Product Name	Cap-Base
928076505190	MHN-TD 150W/842 RX7s 1CT/12	RX7s
928482400092	MHN-TD 70W/730 RX7s 1CT/12	RX7s
928482500092	MHN-TD 150W/730 RX7s 1CT/12	RX7s
928078605121	MHN-TD 250W/842 FC2 1CT/12	FC2

Light Technical

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928076505190	MHN-TD 150W/842 RX7s 1CT/12	12,500 lm	Cool White (CW)	0.371	0.366	4200 K	73 lm/W	81 lm/W	81
928482400092	MHN-TD 70W/730 RX7s 1CT/12	5,800 lm	Warm White (WW)	0.434	0.398	3000 K	67 lm/W	75 lm/W	65
928482500092	MHN-TD 150W/730 RX7s 1CT/12	13,400 lm	Warm White (WW)	0.434	0.398	3000 K	81 lm/W	90 lm/W	67
928078605121	MHN-TD 250W/842 FC2 1CT/12	-	Cool White (CW)	370	365	4200 K	-	80 lm/W	85

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928076505190	MHN-TD 150W/842 RX7s 1CT/12	155.0 W	98 V
928482400092	MHN-TD 70W/730 RX7s 1CT/12	77.0 W	90 V
928482500092	MHN-TD 150W/730 RX7s 1CT/12	155.0 W	96 V
928078605121	MHN-TD 250W/842 FC2 1CT/12	250.0 W	95 V

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928076505190	MHN-TD 150W/842 RX7s 1CT/12	TD
928482400092	MHN-TD 70W/730 RX7s 1CT/12	TD
928482500092	MHN-TD 150W/730 RX7s 1CT/12	TD
928078605121	MHN-TD 250W/842 FC2 1CT/12	T27

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
928076505190	MHN-TD 150W/842 RX7s 1CT/12	12.3 mg	12.3 mg	155 kWh
928482400092	MHN-TD 70W/730 RX7s 1CT/12	13.4 mg	13.4 mg	77 kWh
928482500092	MHN-TD 150W/730 RX7s 1CT/12	18 mg	18 mg	155 kWh
928078605121	MHN-TD 250W/842 FC2 1CT/12	-	16 mg	277 kWh

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