

Product Description

MHN-TD

Double-ended quartz Metal-halide lamp

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 (4200K) or tin iodide (3000K), 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.

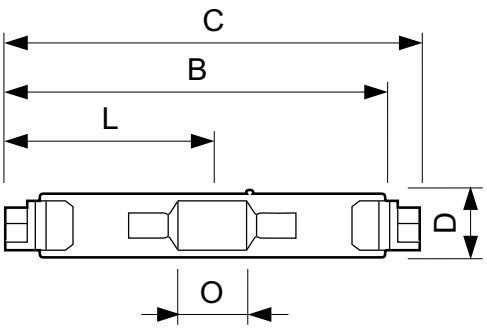
MHN-TD

Versions

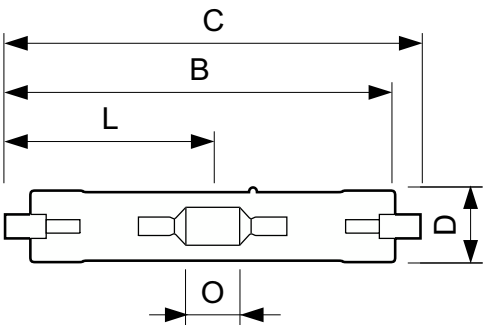


LPPR MHN-TD FC2

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
MHN-TD 70W/842 RX7s 1CT/12	19.5 mm	0.75 inch	7.7 mm	117.6 mm

General Information	
Operating Position	P45
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear

General Information

MHN-TD

Order Code	Full Product Name	Cap-Base
21532500	MHN-TD 70W/842 RX7s 1CT/12	RX7s
21536300	MHN-TD 150W/842 RX7s 1CT/12	RX7s
21530100	MHN-TD 70W/730 RX7s 1CT/12	RX7s

Order Code	Full Product Name	Cap-Base
21534900	MHN-TD 150W/730 RX7s 1CT/12	RX7s
73400615	MHN-TD 250W/842 FC2 1CT/12	FC2

Light Technical (1/2)

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (Rated) (Min)	Luminous Efficacy (rated) (Nom)
21532500	MHN-TD 70W/842 RX7s 1CT/12	0.371	0.366	Cool White (CW)	4200 K	75	67 lm/W	75 lm/W
21536300	MHN-TD 150W/842 RX7s 1CT/12	0.371	0.366	Cool White (CW)	4200 K	81	73 lm/W	81 lm/W
21530100	MHN-TD 70W/730 RX7s 1CT/12	0.434	0.398	Warm White (WW)	3000 K	65	67 lm/W	75 lm/W
21534900	MHN-TD 150W/730 RX7s 1CT/12	0.434	0.398	Warm White (WW)	3000 K	67	81 lm/W	90 lm/W
73400615	MHN-TD 250W/842 FC2 1CT/12	370	365	Cool White (CW)	4200 K	85	-	80 lm/W

Light Technical (2/2)

Order Code	Full Product Name	Luminous Flux
21532500	MHN-TD 70W/842 RX7s 1CT/12	5,800 lm
21536300	MHN-TD 150W/842 RX7s 1CT/12	12,500 lm
21530100	MHN-TD 70W/730 RX7s 1CT/12	5,800 lm

Order Code	Full Product Name	Luminous Flux
21534900	MHN-TD 150W/730 RX7s 1CT/12	13,400 lm
73400615	MHN-TD 250W/842 FC2 1CT/12	-

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
21532500	MHN-TD 70W/842 RX7s 1CT/12	90 V	77.0 W
21536300	MHN-TD 150W/842 RX7s 1CT/12	98 V	155.0 W
21530100	MHN-TD 70W/730 RX7s 1CT/12	90 V	77.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
21534900	MHN-TD 150W/730 RX7s 1CT/12	96 V	155.0 W
73400615	MHN-TD 250W/842 FC2 1CT/12	95 V	250.0 W

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
21532500	MHN-TD 70W/842 RX7s 1CT/12	TD
21536300	MHN-TD 150W/842 RX7s 1CT/12	TD
21530100	MHN-TD 70W/730 RX7s 1CT/12	TD

Order Code	Full Product Name	Bulb Shape
21534900	MHN-TD 150W/730 RX7s 1CT/12	TD
73400615	MHN-TD 250W/842 FC2 1CT/12	T27

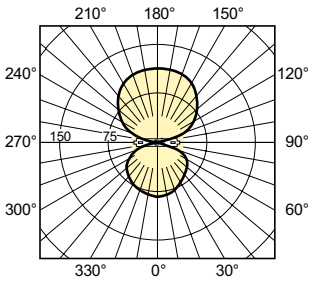
Approval and Application

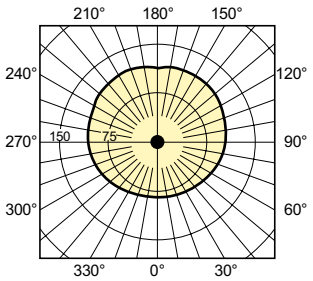
Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
21532500	MHN-TD 70W/842 RX7s 1CT/12	77 kWh	11 mg	11 mg
21536300	MHN-TD 150W/842 RX7s 1CT/12	155 kWh	12.3 mg	12.3 mg

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
21530100	MHN-TD 70W/730 RX7s 1CT/12	77 kWh	13.4 mg	13.4 mg
21534900	MHN-TD 150W/730 RX7s 1CT/12	155 kWh	18 mg	18 mg

MHN-TD

Order Code	Full Product Name	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
73400615	MHN-TD 250W/842 FC2 1CT/12	277 kWh	-	16 mg





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