

MHN-TD

MHN-TD 70W/842 RX7s 1CT/12

Double-ended quartz Metal-halide lamp

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.

Product data

General Information	
Cap-Base	RX7s
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]
Flux measurement reference	Sphere
Life to 50% Failures (Nom)	10,500 hour(s)

Light Technical	
Color Code	842 [CCT of 4200K]
Luminous Flux	5,800 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (Rated) (Min)	67 lm/W
Luminous Efficacy (rated) (Nom)	75 lm/W
Color rendering index (CRI)	75
Arc Length O (Nom)	7.7 mm

Operating and Electrical	
Power Consumption	77.0 W
Voltage (Nom)	90 V

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD
Net Weight (Piece)	0.028 kg

Approval and Application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	11 mg
Mercury (Hg) Content (Nom)	11 mg
Energy Consumption kWh/1000 h	77 kWh

MHN-TD

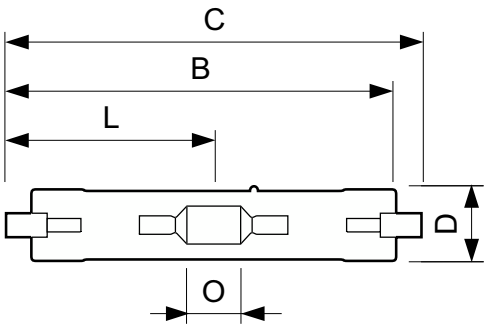
EPREL Registration Number	473315

Material Nr. (12NC)	928070205190
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291215325
Numerator - Packs per outer box	12
EAN/UPC - Case	8718291215332

Product Data

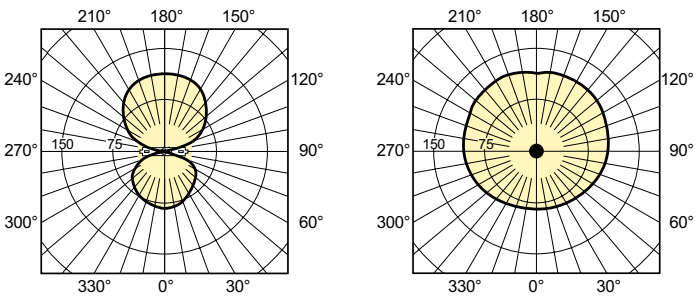
Order product name	MHN-TD 70W/842 RX7s 1CT/12
Full product name	MHN-TD 70W/842 RX7s 1CT/12
Full product code	871829121532500
Order code	928070205190

Dimensional drawing

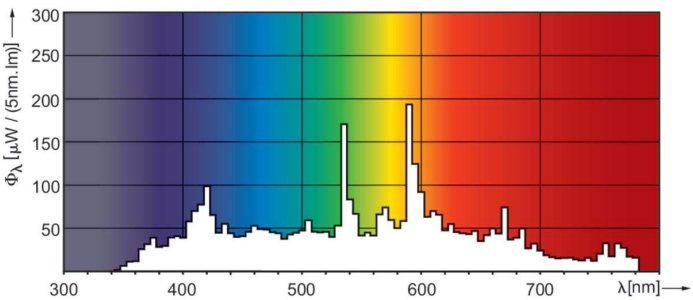


Product	D (max)	D	O	C (max)
MHN-TD 70W/842 RX7s 1CT/12	19.5 mm	0.75 inch	7.7 mm	117.6 mm

Photometric data

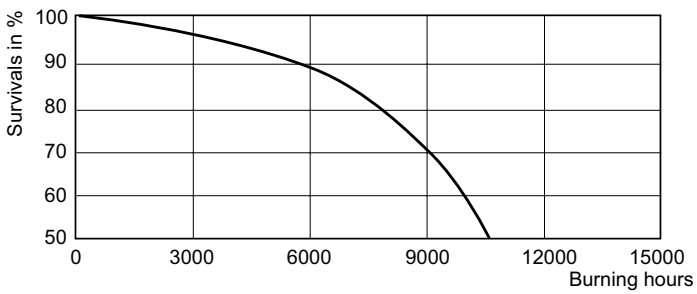


Light Distribution Diagram - MHN-TD 70W/842 RX7s 1CT/12

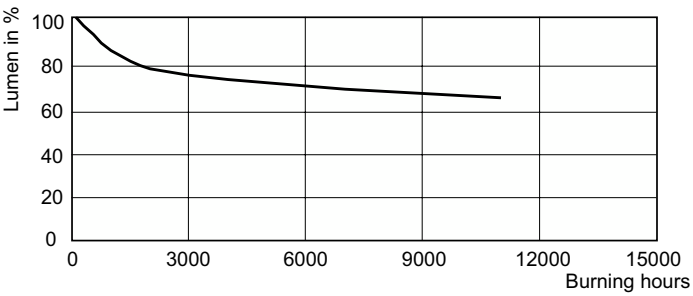


Spectral Power Distribution Colour - MHN-TD 70W/842 RX7s 1CT/12

Lifetime



LDLE_MHN-TD_70W_150W_842-Life expectancy diagram



Lumen Maintenance Diagram - MHN-TD 70W/842 RX7s 1CT/12



© 2026 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.