

# Lighting

**PHILIPS** 

# MHN-TD

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

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

#### Warnings and Safety

- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- 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
- 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)
- 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.
- 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**

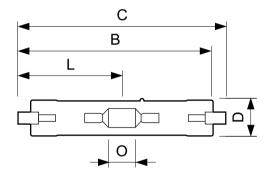
General Information		Correlated Color Temperature (Nom)	4200 K
Cap-Base	RX7S [RX7s]	s] Luminous Efficacy (Rated) (Min)	
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]	Luminous Efficacy (rated) (Nom)	75 lm/W
Flux measurement reference	Sphere	Color rendering index (CRI)	75
Life to 50% Failures (Nom)	10,500 hour(s)	Arc Length O (Nom)	7.7 mm
Light Technical		Operating and Electrical	
Color Code	842 [CCT of 4200K]	Power Consumption	77.0 W
Luminous Flux	5,800 lm	Voltage (Nom)	90 V
Color Designation	Cool White (CW)	Voltage (Nom)	90 V
Chromaticity Coordinate X (Nom)	0.371		
Chromaticity Coordinate Y (Nom)	0.366		
		-	

# MHN-TD

Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	TD
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
EPREL Registration Number	473315

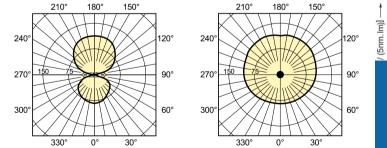
Product Data			
Order product name	MHN-TD 70W/842 RX7s 1CT/12		
Full product name	MHN-TD 70W/842 RX7s 1CT/12		
Full product code	871829121532500		
Order code	928070205190		
Material Nr. (12NC)	928070205190		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291215325		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291215332		

## Dimensional drawing

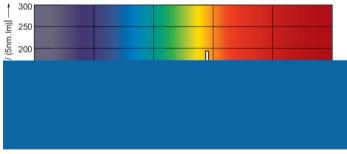


Product	D (max)	D	0	C (max)
MHN-TD 70W/842 RX7s 1CT/12	19.5 mm	0.75 inch	7.7 mm	117.6 mm

#### Photometric data



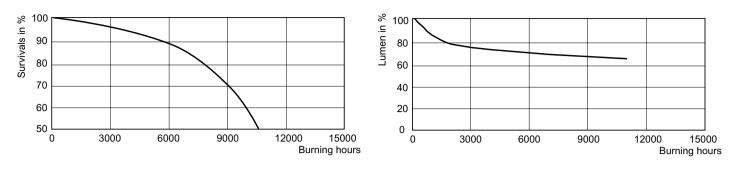
Light Distribution Diagram - MHN-TD 70W/842 RX7s 1CT/12





# MHN-TD

### Lifetime



Life Expectancy Diagram - MHN-TD 70W/842 RX7s 1CT/12

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



© 2023 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.

www.lighting.philips.com 2023, April 16 - data subject to change