

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)
- \cdot 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

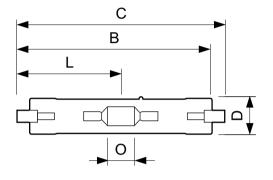
General Information		Operating and Electrical		
Cap-Base	RX7S [RX7s]	Power Consumption	77.0 W	
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]	Voltage (Nom)	90 V	
Flux measurement reference	Sphere	Voltage (Nom)	90 V	
Life to 50% Failures (Nom)	10,500 hour(s)	· · · · · · · · · · · · · · · · · · ·		
		Controls and Dimming		
Light Technical		Dimmable	No	
Color Code	842 [CCT of 4200K]			
Luminous Flux	5,800 lm	Mechanical and Housing		
Color Designation	Cool White (CW)	Bulb Finish	Clear	
Chromaticity Coordinate X (Nom)	0.371	Bulb Shape	TD	
Chromaticity Coordinate Y (Nom)	0.366			
Correlated Color Temperature (Nom)	4200 K	Approval and Application		
Luminous Efficacy (Rated) (Min)	67 lm/W	Energy Efficiency Class	G	
Luminous Efficacy (rated) (Nom)	75 lm/W	Mercury (Hg) Content (Max)	11 mg	
Color rendering index (CRI)	75	Mercury (Hg) Content (Nom)	11 mg	
Arc Length O (Nom)	7.7 mm	Energy Consumption kWh/1000 h	77 kWh	

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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	

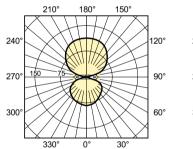
Material Nr. (12NC)	928070205190		
Numerator - Quantity Per Pack	1		
EAN/UPC - Product/Case	8718291215325		
Numerator - Packs per outer box	12		
EAN/UPC - Case	8718291215332		

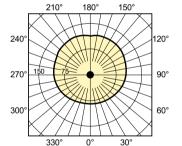
Dimensional drawing



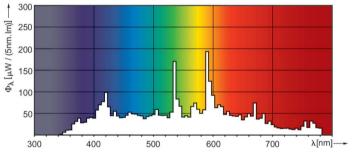
Product	D (max)	D	0	C (max)
MHN-TD 70W/842 RX7s 1CT/12	19.5 mm	0.75 inch	7.7 mm	117.6 mm

Photometric data

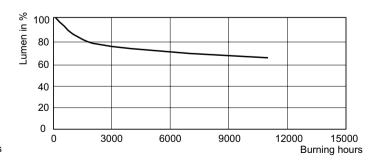




Light Distribution Diagram - MHN-TD 70W/842 RX7s 1CT/12

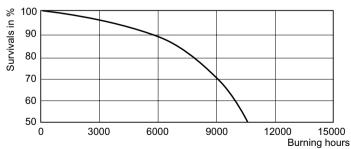


Spectral Power Distribution Colour - MHN-TD 70W/842 RX7s 1CT/12



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

Lifetime



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

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