



# MHN-TD

MHN-TD 70W/842 RX7s 1SL

Double-ended quartz Metal-halide lamp

## Product data

### • General Characteristics

Cap-Base	RX7s
Cap-Base Information	na [-]
Bulb	TD
Bulb Finish	Clear
Operating Position	p45 [Parallel +/-45D or Horizontal(HOR)]
Life to 5% failures	5000 hr
Life to 20% failures	8000 hr
Life to 50% failures	10500 hr

### • Light Technical Characteristics

Color Code	842 [CCT of 4200K]
Color Rendering Index	80 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Chromaticity Coordinate X	370 -
Chromaticity Coordinate Y	370 -
Luminous Flux Lamp EM	5700 Lm
Luminous Efficacy Lamp EM	76 Lm/W
Lumen Maintenance 2000h	85 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	75 %
Luminance Average EM	1500 cd/cm <sup>2</sup>

### • Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM	75 W
Lamp Voltage	90 V
Lamp Current EM	1.0 A
Ignition Peak Voltage	1800 (min) V
Dimmable	No

### • Environmental Characteristics

Mercury (Hg) Content	11 mg
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### • Luminaire Design Requirements

Pinch Temperature	280 (max) C
Bulb Temperature	500 (max) C

### • Product Dimensions

Insertion Length B	114.2 (max) mm
Overall Length C	117.6 (max) mm
Diameter D	19.5 (max) mm
Light Center Length L	57.0 mm
Arc Length O	7.7 mm
Light Center Length L [inch]	2.24 in
Overall Length C [inch]	4.63 (max) in
Diameter D [inch]	0.75 in

### • Product Data

Order code	928070205189
Full product code	928070205189
Full product name	MHN-TD 70W/842 RX7s 1SL

# PHILIPS

sense and simplicity

# MHN-TD

Order product name MHN-TD 70W/842 RX7s 1SL  
Pieces per pack 1  
Packing configuration 12  
Packs per outerbox 12  
Bar code on pack - EAN1 8727900075922

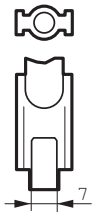
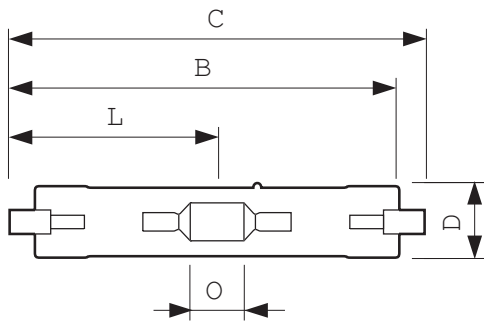
Bar code on outerbox - EAN3 8727900077742  
Logistic code(s) - 12NC 928070205189  
ILCOS code MD-70/42/1B-H-Rx7s-/H  
Net weight per piece 0.022 kg

## 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)

## Dimensional drawing

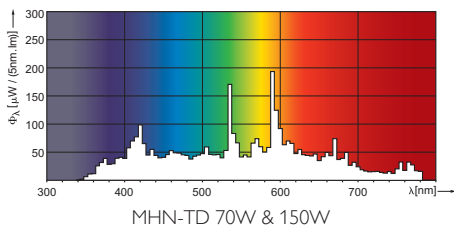


RX7s

## MHN-TD, RX7s

Product	C (Max)	D (Max)	O (Norm)
MHN-TD 70W/842 RX7s	117.6	19.5	7.7

## Photometric data





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data subject to change