



MHN-TD

MHN-TD 70W/842 RX7s 1CT

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
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 ²
Chromaticity Coordinate X	370 -
Chromaticity Coordinate Y	370 -

• Electrical Characteristics

Lamp Wattage	70 W
Lamp Wattage EM 25°C, Nominal	70.0 W
Lamp Wattage EM 25°C, Rated	75.0 W
Lamp Voltage	90 V
Lamp Current EM	1.0 A
Ignition Peak Voltage	1800 (min) V
Dimmable	No

• Environmental Characteristics

Energy Efficiency Label (EEL)	A
Mercury (Hg) Content	11 mg
Energy consumption kWh/1000h	82 kWh

• 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

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Diameter D [inch] 0.75 in

type and +/- 10% for CWA or electronic ballasts.]

• Footnotes

Footnotes HID 372 [Color characteristics may vary somewhat from one lamp type to another. Time should be allowed for the lamp to stabilize in color when it is turned on for the first time or if for any reason its operating position is changed. This may require several hours' operation, with more than one start. Lamp color and output may change temporarily if the lamp is subjected to excess vibration or shock. Lamp color characteristics may change after long accumulate operating time.]

Footnotes HID 392 [Supply volts must be +/- 5% of rated ballast line volts for reactor

• Product Data

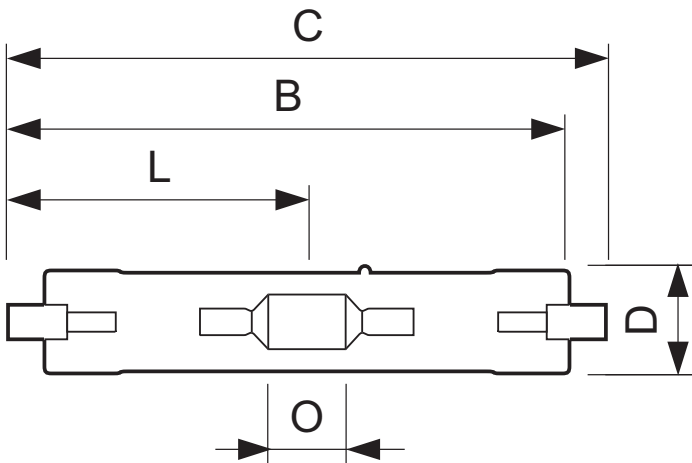
Order code 928070205190
 Full product code 928070205190
 Full product name MHN-TD 70W/842 RX7s 1CT
 Order product name MHN-TD 70W/842 RX7s 1CT/12
 Pieces per pack 1
 Packing configuration 12
 Packs per outerbox 12
 Bar code on pack - EAN1 8718291215325
 Bar code on outerbox - EAN3 8718291215332
 Logistic code(s) - 12NC 928070205190
 ILCOS code MD/UB-70/842-H-RX7s-22/117.6
 Net weight per piece 0.028 kg

Warnings and Safety

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

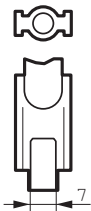
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Dimensional drawing



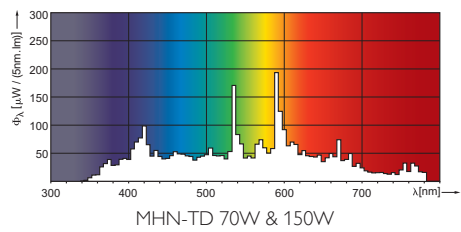
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Product	C (Max)	D (Max)	O (Norm)
MHN-TD 70W/842 RX7s	117.6	19.5	7.7



RX7s

Photometric data



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data subject to change