

MHN-TD

Double-ended quartz Metal-halide lamp

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Diagrams

- Installation diagrams
- Photometrics
- Performance diagrams

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- Leaflet
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Product Information

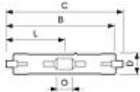
Eco passport

Philips cares about the environment and society at large, and strongly supports eco-design of products.

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see 2 Images



see 11 Diagrams

Leaflets

- Leafletpdf 225.08 KB
- Eco passportpdf 194.14 KB

Other downloads

- Product Imageszip
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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/cm2
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

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
Diameter D [inch]	0.75 in

Footnotes

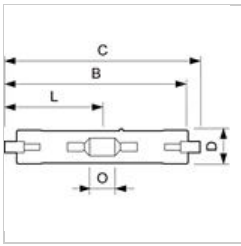
Footnotes HID	372 [Color characteristics may vary somewhat from one lamp type to another. Time should be allowed for the lamp to stabilize in color when it is turned on for the first time or if for any reason its operating position is changed. This may require several hours' operation, with more than 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 type and +/- 10% for CWA or electronic ballasts.]

Product Data

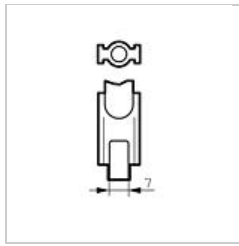
Order code	928070205190
Full product code	928070205190
Full product name	MHN-TD 70W/842 RX7s 1CT
Order product name	MHN-TD 70W/842 RX7s 1CT/12
Pieces per pack	1
ing configuration	12
s per outerbox	12
code on pack - EAN1	8718291215325
code on outerbox - EAN3	8718291215332
stic code(s) - 12NC	928070205190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

+ Warnings and safety

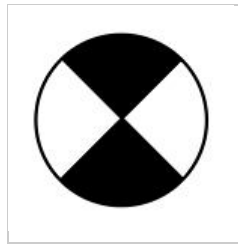
Installation diagrams



MHN-TD 70W/842 RX7s
1CT+ [Zoom](#)

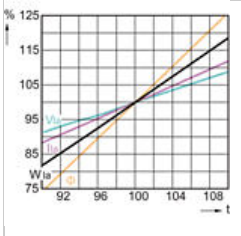


RX7s+ [Zoom](#)

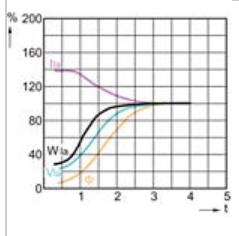


p45+ [Zoom](#)

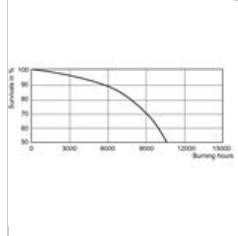
Performance diagrams



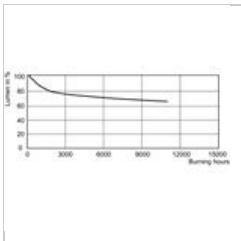
MHN-TD+ [Zoom](#)



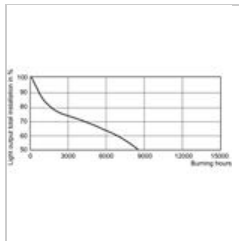
MHN-TD+ [Zoom](#)



MHN-TD 70W, 150W /842+
[Zoom](#)



MHN-TD 70W, 150W /842+
[Zoom](#)



MHN-TD 70W, 150W /842+
[Zoom](#)

Case studies



Waigaoqiao Container port

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