

MHN-TD

MHN-TD 250W/842 FC2 1CT

Double-ended quartz Metal-halide lamp

Product data

• General Characteristics

Cap-Base	FC2
Cap-Base Information	na [-]
Bulb	T27 [T 27mm]
Bulb Finish	Clear
Operating Position	p45 [Parallel +/-45D or Horizontal(HOR)]
Life to 5% failures	5000 hr
Life to 20% failures	7000 hr
Life to 50% failures	9000 hr

• Light Technical Characteristics

Color Code	842 [CCT of 4200K]
Color Rendering Index	85 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Luminous Flux Lamp EM	20000 Lm
Luminous Efficacy Lamp EM	80 Lm/W
Lumen Maintenance 2000h	75 %
Lumen Maintenance 5000h	70 %
Lumen Maintenance 10000h	60 %
Luminance Average EM	1000 cd/cm ²
Chromaticity Coordinate X	370 -
Chromaticity Coordinate Y	370 -

• Electrical Characteristics

Lamp Wattage	250 W
Lamp Wattage EM	252.0 W
Lamp Voltage	100 V
Lamp Current EM	3 A
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	16 mg
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• Luminaire Design Requirements

Pinch Temperature	280 (max) C
Bulb Temperature	650 (max) C

• Product Dimensions

Insertion Length B	135.4 (max) mm
Overall Length C	161.6 (max) mm
Diameter D	27.5 (max) mm
Light Center Length L	69.5 mm
Arc Length O	27 mm
Light Center Length L [inch]	2.74 in
Overall Length C [inch]	6.36 (max) in
Diameter D [inch]	1.08 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
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Footnotes HID

374 [Performance may not be satisfactory unless operated within specified operating positions. (374)]

• Product Data

Order code 928078605121

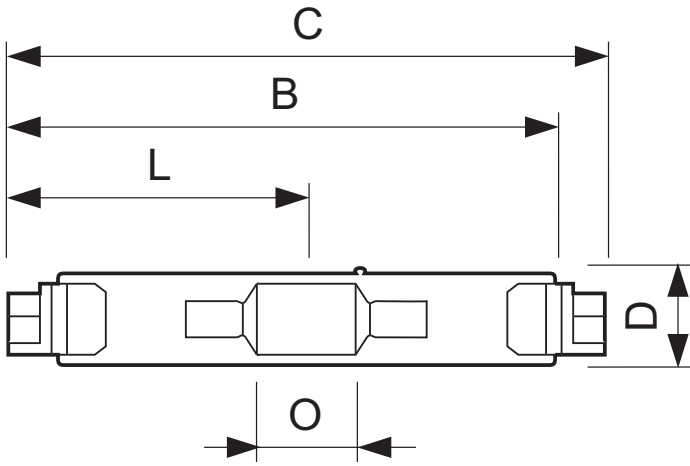
outerbox - EAN3
 Logistic code(s) - 928078605121
 12NC
 ILCOS code MD-250/42/1B-H-FC2-/H
 Net weight per piece 0.054 kg

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 250W/842 FC2	161.6	27.5	27



FC2



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data subject to change