



# **MHN-TD**

# MHN-TD 250W/842 FC2 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)
- 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					
Cap-Base	FC2 [FC2]				
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]				
Life to 50% Failures (Nom)	9,000 hour(s)				
Light Technical					
Color Code	842 [CCT of 4200K]				
Color Designation	Cool White (CW)				
Chromaticity Coordinate X (Nom)	370				
Chromaticity Coordinate Y (Nom)	365				
Correlated Color Temperature (Nom)	4200 K				
Luminous Efficacy (rated) (Nom)	80 lm/W				
Color rendering index (CRI)	85				
Arc Length O (Nom)	27 mm				
Operating and Electrical					
Power Consumption	250.0 W				
Voltage (Nom)	95 V				

Voltage (Nom)	95 V				
Controls and Dimming					
Dimmable	No				
Mechanical and Housing					
Bulb Finish	Clear				
Bulb Shape	T27 [T 27mm]				
Approval and Application					
Energy Efficiency Class	G				
Mercury (Hg) Content (Nom)	16 mg				
Energy Consumption kWh/1000 h	277 kWh				
Product Data					
Order product name	MHN-TD 250W/842 FC2 1CT/12				
Full product name	MHN-TD 250W/842 FC2 1CT/12				
Full product code	871150073400615				

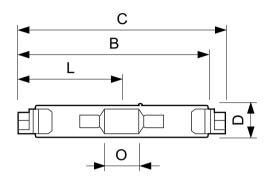
Datasheet, 2023, April 14 data subject to change

### MHN-TD

Order code	928078605121
Material Nr. (12NC)	928078605121
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8711500734006

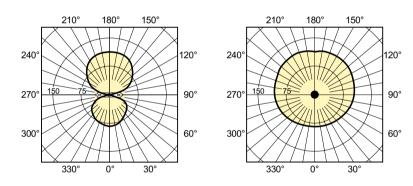
Numerator - Packs per outer box	12
EAN/UPC - Case	8711500183712

### Dimensional drawing



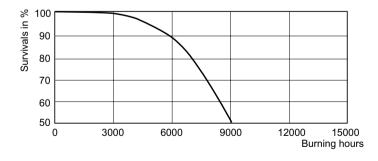
Product	D (max)	D	0	C (max)
MHN-TD 250W/842 FC2 1CT/12	27.5 mm	1.08 inch	27 mm	161.6 mm

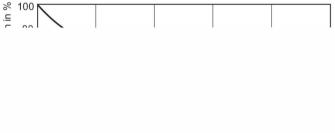
#### Photometric data



Light Distribution Diagram - MHN-TD 250W/842 FC2 1CT/12

#### Lifetime





Life Expectancy Diagram - MHN-TD 250W/842 FC2 1CT/12

Lumen Maintenance Diagram - MHN-TD 250W/842 FC2 1CT/12

## MHN-TD



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.