

# Lighting

**PHILIPS** 

## 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)
- $\cdot$  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**

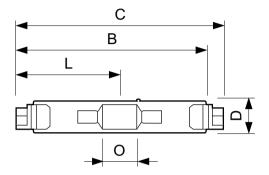
General Information		Voltage (nom.)	95 V
Cap base	FC2 [FC2]		
Operating position	P45 [Parallel +/-45D or Horizontal(HOR)]	Controls and Dimming	
Life to 50% failures (nom.)	9,000 h	Dimmable	No
Light Technical		Mechanical and Housing	
Colour Code	842 [CCT of 4200K]	Lamp Finish	Clear
Colour designation	Cool White (CW)	Bulb shape	T27 [T 27 mm]
Chromaticity Coordinate X (Nom)	370		
Chromaticity Coordinate Y (Nom)	365	Approval and Application	
Correlated Colour Temperature	4200 K	Energy Efficiency Class	G
Luminous efficacy (rated) (nom.)	80 lm/W	Mercury (Hg) content (nom.)	16 mg
Colour rendering index (CRI)	85	Energy consumption kWh/1,000 hours	277 kWh
Arc Length O (Nom)	27 mm		
		Product Data	
Operating and Electrical		Order product name	MHN-TD 250W/842 FC2 1CT/12
Power Consumption	250.0 W	Full product name	MHN-TD 250W/842 FC2 1CT/12
Voltage (nom.)	95 V	Full EOC	871150073400615

#### **MHN-TD**

Local code description	250MHNTD
Order code	73400615
Material no. (12 NC)	928078605121
Local order code	250MHNTD
SAP numerator - quantity per pack	1

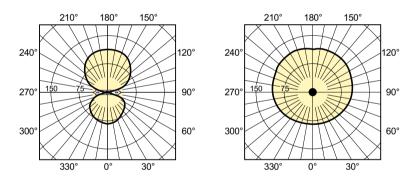
EAN/UPC — Product/Case	8711500734006
Numerator – packs per outer box	12
EAN/UPC - Case	8711500183712

#### Dimensional drawing



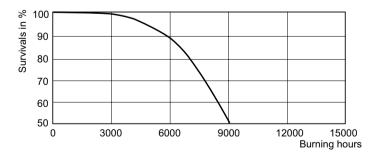
Product	D (max)	D	0	C (max)
MHN-TD 250W/842 FC2 1CT/12	27.5 mm	1.08 in	27 mm	161.6 mm

#### 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



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