

MASTERColour CDM-TT

MASTERColour CDM-TT 70W/942 E27 1SL/12

High-intensity discharge lamps with a CDM discharge tube inside a SON lamp clear tubular outer bulb

Product data

• General Information

Cap-Base	E27
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	8000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	13000 h
Life To 50% Failures (Nom)	18000 h
LSF 2000 h Rated	99 %
LSF 4000 h Rated	99 %
LSF 6000 h Rated	97 %
LSF 8000 h Rated	95 %
LSF 12000 h Rated	82 %
LSF 16000 h Rated	62 %
LSF 20000 h Rated	37 %

• Light Technical

Color Code	942 [CCT of 4200K]
Luminous Flux (Rated) (Nom)	6300 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	379
Chromaticity Coordinate Y (Nom)	375
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	85 lm/W
Color Rendering Index (Nom)	90
LLMF 2000 h Rated	81 %
LLMF 4000 h Rated	73 %
LLMF 6000 h Rated	69 %
LLMF 8000 h Rated	66 %
LLMF 12000 h Rated	61 %
LLMF 16000 h Rated	58 %
LLMF 20000 h Rated	55 %

• Operating and Electrical

Power (Rated) (Nom)	74.0 W
Lamp Current (EM) (Nom)	0.970 A
Ignition Peak Voltage (Max)	1800 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	720 s
Ignition Time (Max)	30 s
Voltage (Max)	99 V
Voltage (Min)	83 V
Voltage (Nom)	91 V

• Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	4 min

• Mechanical and Housing

Bulb Finish	Clear

• Approval and Application

Energy Efficiency Label (EEL)	A

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Mercury (Hg) Content (Nom)	6.1 mg
Energy Consumption kWh/1000 h	81 kWh

• UV

Pet (Niosh) (Min)	8 h/500lx

• Luminaire Design Requirements

Bulb Temperature (Max)	350 °C
Cap-Base Temperature (Max)	200 °C

Warnings and Safety

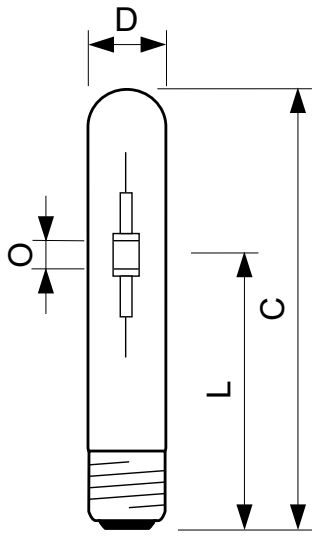
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear

• Product Data

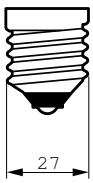
Full product code	871150020965815
Order product name	MASTERColour CDM-TT 70W/942 E27 1SL/12
EAN/UPC - Product	8711500209658
Order code	928093609235
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928093609235
Net Weight (Piece)	0.048 kg
ILCOS Code	MT-70/942-H-E27-39/156

- 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.

Dimensional drawing



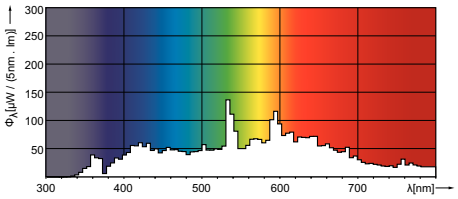
CDM-TT



CDM-TT 70W/942 E27

Product	D	O	L	C
MASTERColour CDM-TT 70W/942 E27 1SL/12	36 mm	6 mm	102 mm	156 mm

Photometric data



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