

MASTERColour CDM-T

MASTERColour CDM-T 35W/842 G12 1CT/12

Range of single-ended, compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Product data

• General Information

Cap-Base	G12 [G12]
Operating Position	UNIVERSAL [Any or Universal (U)]
Life To 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	10000 h
Life To 20% Failures (Nom)	11000 h
Life To 50% Failures (Nom)	12000 h
ANSI Code HID	-

• Light Technical

Colour Code	842 [CCT of 4200K]
Luminous Flux (Rated) (Nom)	3100 lm
Colour Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	0.370
Chromaticity Coordinate Y (Nom)	0.367
Colour Temperature, horizontal (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	79 lm/W
Colour Rendering Index horiz (Nom)	84

• Operating and Electrical

Power (Rated) (Min)	39.0 W
Power (Rated) (Nom)	35 W
Lamp Current Run-Up (Max)	0.720 A
Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Ignition Peak Voltage (Min)	3500 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	93 V
Voltage (Min)	77 V
Voltage (Nom)	85 V

• Controls and Dimming

Dimmable	No
Run-up Time 90% (Max)	3 min

• Mechanical and Housing

Bulb Finish	Clear (CL)

PHILIPS

MASTERColour CDM-T

- Approval and Application

Energy Efficiency Label	A
Mercury (Hg) Content (Nom)	2.7 mg
Energy Consumption kWh/1000 h	43 kWh

- UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.5

- Luminaire Design Requirements

Bulb Temperature (Max)	500 °C
Cap-Base Temperature (Max)	280 °C
Pinch Temperature (Max)	350 °C

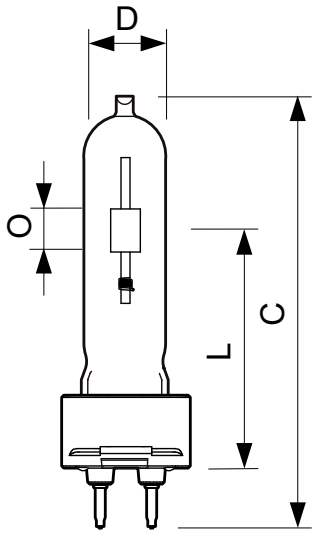
- Product Data

Full product code	871150021126215
Order product name	MASTERColour CDM-T 35W/842 G12 1CT/12
EAN/UPC - Product	8711500211262
Order code	21126215
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928094305125
Net Weight (Piece)	28.000 g
ILCOS Code	MT/UB-35/842-H-G12-20/90

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)
- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
- 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

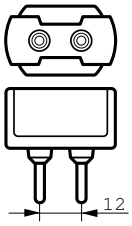


CDM-T 35W, 70W, 150W G12

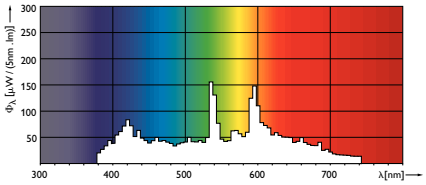
CDM-T 35W/842 G12

Product	D	D	O	L	L	L	C
MASTERColour CDM-T 35W/842 G12 1CT/12	20 mm	0.75 in	5 mm	55 mm	57 mm	56 mm	103 mm

Dimensional drawing



Photometric data



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