



Product Description

MASTERColour CDM-T

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

Benefits

- Stable color impression over lifetime
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- High lamp efficacy results in low operating costs and low heat generation
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- Long lamp life compared with incandescent and halogen lamps
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- Relatively low heat output enhances comfort for shoppers and staff
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- All types are UV-Block for reduced fading risks
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Features

- Crisp white light
- Warm or cool white colour impression
- Superior color quality
- Colour rendering good to excellent
- Allows small-size luminaires designs that give high beam intensities
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Application

- Shops and shop windows, offices and public buildings
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- Decorative outdoor: floodlighting and pedestrian areas
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Warnings and Safety

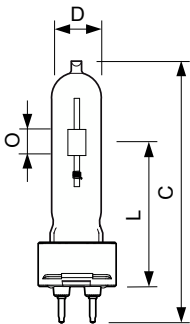
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- Lamps may use electronic or electromagnetic control gear, except 35W/942 and 20W lamps, which must use electronic control gear.
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- 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.
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Versions



LPPR CDM-T 0005

Dimensional drawing



Product	D (max)	D	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75	9 mm	55 mm	57 mm	56 mm	110 mm
150W/830 G12 1CT		inch					
MASTERC CDM-T	20 mm	0.75	8 mm	55 mm	57 mm	56 mm	110 mm
150W/942 G12 1CT		inch					
MASTERC CDM-T	20 mm	0.75	5 mm	55 mm	57 mm	56 mm	103 mm
35W/830 G12 1CT/12		inch					
MASTERC CDM-T	20 mm	0.75	5 mm	55 mm	57 mm	56 mm	103 mm
35W/842 G12 1CT/12		inch					
MASTERC CDM-T	20 mm	0.75	7 mm	55 mm	57 mm	56 mm	103 mm
70W/830 G12 1CT/12		inch					
MASTERC CDM-T	20 mm	0.75	6 mm	55 mm	57 mm	56 mm	103 mm
70W/942 G12 1CT/12		inch					

MASTERColour CDM-T

General Information	
Cap-Base	G12
Operating Position	UNIVERSAL
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T19

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	84	85 lm/W	6,200 lm
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	83	79 lm/W	3,100 lm
928083705125	MASTERC CDM-T 150W/830 G12 1CT	0.434	0.398	Warm White (WW)	3000 K	88	88 lm/W	13,000 lm
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	0.371	0.366	Cool White (CW)	4200 K	92	85 lm/W	6,200 lm
928084605131	MASTERC CDM-T 150W/942 G12 1CT	0.371	0.366	Cool White (CW)	4200 K	96	82 lm/W	12,100 lm
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	0.371	0.366	Cool White (CW)	4200 K	84	77 lm/W	3,000 lm

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	88 V	73.2 W
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	82 V	39.1 W
928083705125	MASTERC CDM-T 150W/830 G12 1CT	96 V	150.1 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	88 V	73.2 W
928084605131	MASTERC CDM-T 150W/942 G12 1CT	90 V	150.1 W
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	85 V	39.1 W

Approval and Application

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption kWh/1000 h	(Hg) Content (Max)	(Hg) Content (Nom)
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	74 kWh	4.6 mg	4.6 mg
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	40 kWh	3.2 mg	3.1 mg
928083705125	MASTERC CDM-T 150W/830 G12 1CT	151 kWh	14.3 mg	14.3 mg

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption kWh/1000 h	(Hg) Content (Max)	(Hg) Content (Nom)
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	74 kWh	6.1 mg	6.1 mg
928084605131	MASTERC CDM-T 150W/942 G12 1CT	151 kWh	10.4 mg	10.4 mg
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	40 kWh	2.7 mg	2.7 mg

