

PHILIPS

Lighting



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
- Allows small-size luminaires designs that give high beam intensities

Application

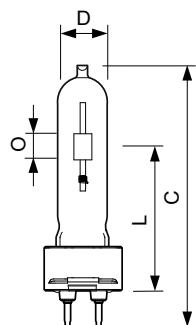
- Shops and shop windows, offices and public buildings
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- Decorative outdoor: floodlighting and pedestrian areas
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MASTERColour CDM-T

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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Dimensional drawing



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

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

Light Technical

MASTERColour CDM-T

Order Code	Full Product Name	Chromaticity		Chromaticity		Correlated Color	Color rendering index (CRI)	Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Coordinate X (Nom)	Coordinate Y (Nom)			Temperature (Nom)	Luminous Efficacy (rated) (Nom)
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		Order Code	Full Product Name	Voltage (Nom)		Power Consumption	
		88 V	73.2 W	82 V	39.1 W			90 V	150.1 W	85 V	39.1 W
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	88 V	73.2 W			928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	88 V	73.2 W		
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	82 V	39.1 W			928084605131	MASTERC CDM-T 150W/942 G12 1CT	90 V	150.1 W		
928083705125	MASTERC CDM-T 150W/830 G12 1CT	96 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 Consumption		Mercury Content	
		kWh/1000 h	(Hg) (Max)	(Hg) (Nom)	Content
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	
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	

