



Beautiful sparkle, reliable life

MASTERColour CDM-T

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

Benefits

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

Features

- Crisp white light
- Superior color quality
- Allows small-size luminaires designs that give high beam intensities

Application

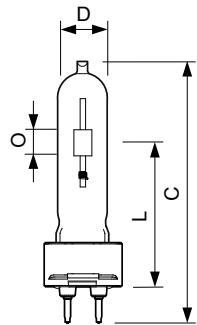
- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting and pedestrian areas

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.

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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	0.75 in	9 mm	55 mm	57 mm	56 mm	110 mm
MASTERC CDM-T 150W/942 G12 1CT	20 mm	0.75 in	8 mm	55 mm	57 mm	56 mm	110 mm
MASTERC CDM-T 35W/830 G12 1CT/12	20 mm	0.75 in	5 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T 35W/842 G12 1CT/12	20 mm	0.75 in	5 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T 70W/830 G12 1CT/12	20 mm	0.75 in	7 mm	55 mm	57 mm	56 mm	103 mm
MASTERC CDM-T 70W/942 G12 1CT/12	20 mm	0.75 in	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	
Lamp Finish	Clear
Bulb shape	T19

Light Technical

Order Code	Full Product Name	Chromaticity		Chromaticity		Correlated Colour	Colour rendering	Colour		Luminous efficacy (rated) (nom.)	Luminous Flux
		Coordinate X	(Nom)	Coordinate Y	(Nom)			Colour designation	Temperature (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	Power	Order Code	Full Product Name	Voltage	Power
		(nom.)	Consumption			(nom.)	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

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Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928083705125	MASTERC CDM-T 150W/830 G12	96 V	150.1 W
	1CT		

928084505131	MASTERC CDM-T 70W/942 G12	88 V	73.2 W
	1CT/12		

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
928084605131	MASTERC CDM-T 150W/942 G12	90 V	150.1 W
	1CT		

928094305125	MASTERC CDM-T 35W/842 G12	85 V	39.1 W
	1CT/12		

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (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
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

