



Beautiful sparkle, reliable life

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

Applications

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

Features

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

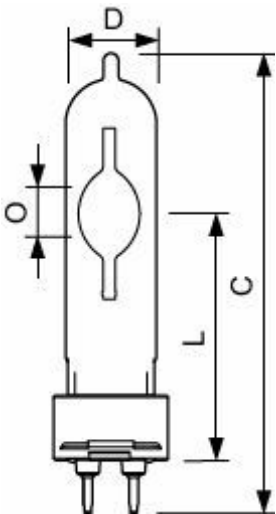
minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions

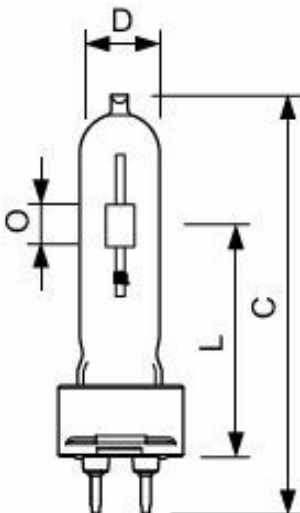


LPPR CDM-T 0005

Dimensional drawing



Product	D (max)	O	L (min)	L (max)	L	C (max)
MASTERC CDM-T 250W/830 G12 1CT/12	25 mm	12.3 mm	71.5 mm	73.5 mm	72.5 mm	135 mm
MASTERC CDM-T 250W/942 G12 1CT/12	25 mm	12.3 mm	71.5 mm	73.5 mm	72.5 mm	135 mm



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

General Information

Cap-Base	G12
Operating Position	UNIVERSAL [Any or Universal (U)]

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
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Light Technical

Order Code	Full Product Name	Luminous Flux	Color Designation	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Correlated Color Temperature (Nom)	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	6,200 lm	Warm White (WW)	0.434	0.398	3000 K	85 lm/W	84
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	-	Warm White (WW)	0.432	0.395	3000 K	85 lm/W	84
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	3,100 lm	Warm White (WW)	0.434	0.398	3000 K	79 lm/W	83
928083705125	MASTERC CDM-T 150W/830 G12 1CT	13,000 lm	Warm White (WW)	0.434	0.398	3000 K	88 lm/W	88
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	6,200 lm	Cool White (CW)	0.371	0.366	4200 K	85 lm/W	92
928084605131	MASTERC CDM-T 150W/942 G12 1CT	12,100 lm	Cool White (CW)	0.371	0.366	4200 K	82 lm/W	96
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	27,750 lm	Warm White (WW)	0.434	0.398	3000 K	111 lm/W	85
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	26,250 lm	Cool White (CW)	0.371	0.366	4200 K	105 lm/W	91
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	3,000 lm	Cool White (CW)	0.371	0.366	4200 K	77 lm/W	84

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	73.2 W	88 V
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	73.2 W	88 V
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	39.1 W	82 V
928083705125	MASTERC CDM-T 150W/830 G12 1CT	150.1 W	96 V
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	73.2 W	88 V
928084605131	MASTERC CDM-T 150W/942 G12 1CT	150.1 W	90 V
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	250.0 W	95 V
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	250.0 W	93 V
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	39.1 W	85 V

Mechanical and Housing

Order Code	Full Product Name	Bulb Shape
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	T19
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	T19
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	T19
928083705125	MASTERC CDM-T 150W/830 G12 1CT	T19
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	T19
928084605131	MASTERC CDM-T 150W/942 G12 1CT	T19
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	T24
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	T24
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	T19

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)	Energy Consumption kWh/ 1000 h
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	4.6 mg	4.6 mg	74 kWh
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	-	4.6 mg	80 kWh
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	3.2 mg	3.1 mg	40 kWh
928083705125	MASTERC CDM-T 150W/830 G12 1CT	14.3 mg	14.3 mg	151 kWh
928084505131	MASTERC CDM-T 70W/942 G12 1CT/12	6.1 mg	6.1 mg	74 kWh
928084605131	MASTERC CDM-T 150W/942 G12 1CT	10.4 mg	10.4 mg	151 kWh
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	27.5 mg	27.5 mg	250 kWh
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	20 mg	20.0 mg	250 kWh
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	2.7 mg	2.7 mg	40 kWh