



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

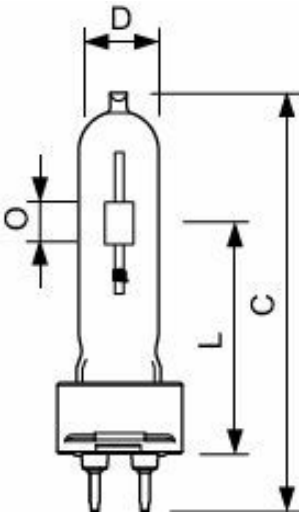
minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Versions



LPPR CDM-T 0005

Dimensional drawing



Product	D (max)	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 35W/830 G12 1CT/12	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm

General Information	
Cap-Base	G12
Operating Position	UNIVERSAL [Any or Universal (U)]
Light Technical	
Color Designation	Warm White (WW)
Chromaticity Coordinate X (Nom)	0.434
Chromaticity Coordinate Y (Nom)	0.398
Correlated Color Temperature (Nom)	3000 K

Controls and Dimming

Dimmable No

Mechanical and Housing

Bulb Finish Clear

Bulb Shape T19

Light Technical

Order Code	Full Product Name	Luminous Flux	Luminous Efficacy (rated) (Nom)	Color rendering index (CRI)
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	3,100 lm	79 lm/W	83
928083705125	MASTERC CDM-T 150W/830 G12 1CT	13,000 lm	88 lm/W	88

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Voltage (Nom)
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

Approval and Application

Order Code	Full Product Name	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)	Energy Consumption kWh/1000 h
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