



# **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
- · Stable colour impression over lifetime
- · 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
- · Long lamp life compared with incandescent and halogen lamps
- · 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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#### Warnings and Safety

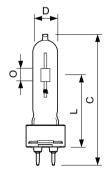
- · Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
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- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- · 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	0	L (min)	L (max)	L	C (max)
MASTERC CDM-T	20 mm	0.75 inch	5 mm	55 mm	57 mm	56 mm	103 mm
35W/830 G12 1CT/12							
MASTERC CDM-T	20 mm	0.75 inch	7 mm	55 mm	57 mm	56 mm	103 mm
70W/830 G12 1CT/12							

# **MASTERColour CDM-T**

General Information  Cap-Base G12  Operating Position UNIVERSAL  Light Technical  Chromaticity Coordinate X (Nom) 0.434  Chromaticity Coordinate Y (Nom) 0.398  Color Designation Warm White (WW)  Correlated Color Temperature (Nom) 3000 K  Controls and Dimming  Dimmable No  Mechanical and Housing  Bulb Finish Clear  Bulb Shape T19		
Operating Position  Light Technical Chromaticity Coordinate X (Nom) 0.434 Chromaticity Coordinate Y (Nom) 0.398 Color Designation Warm White (WW) Correlated Color Temperature (Nom) 3000 K  Controls and Dimming Dimmable No  Mechanical and Housing Bulb Finish Clear	General Information	
Light Technical Chromaticity Coordinate X (Nom) 0.434 Chromaticity Coordinate Y (Nom) 0.398 Color Designation Warm White (WW) Correlated Color Temperature (Nom) 3000 K  Controls and Dimming Dimmable No  Mechanical and Housing Bulb Finish Clear	Cap-Base	G12
Chromaticity Coordinate X (Nom) 0.434 Chromaticity Coordinate Y (Nom) 0.398 Color Designation Warm White (WW) Correlated Color Temperature (Nom) 3000 K  Controls and Dimming Dimmable No  Mechanical and Housing Bulb Finish Clear	Operating Position	UNIVERSAL
Chromaticity Coordinate X (Nom) 0.434 Chromaticity Coordinate Y (Nom) 0.398 Color Designation Warm White (WW) Correlated Color Temperature (Nom) 3000 K  Controls and Dimming Dimmable No  Mechanical and Housing Bulb Finish Clear		
Chromaticity Coordinate Y (Nom)  Color Designation  Correlated Color Temperature (Nom)  Controls and Dimming  Dimmable  No  Mechanical and Housing  Bulb Finish  Output  Dimmable  Output  Dimmable  Output  Dimmable  No  Clear	Light Technical	
Color Designation Warm White (WW) Correlated Color Temperature (Nom) 3000 K  Controls and Dimming Dimmable No  Mechanical and Housing Bulb Finish Clear	Chromaticity Coordinate X (Nom)	0.434
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Controls and Dimming Dimmable No  Mechanical and Housing Bulb Finish Clear	Color Designation	Warm White (WW)
Dimmable No  Mechanical and Housing  Bulb Finish Clear	Correlated Color Temperature (Nom)	3000 K
Dimmable No  Mechanical and Housing  Bulb Finish Clear		
Mechanical and Housing  Bulb Finish Clear	Controls and Dimming	
Bulb Finish Clear	Dimmable	No
Bulb Finish Clear		
- Cica	Mechanical and Housing	
Bulb Shape T19	Bulb Finish	Clear
	Bulb Shape	T19

# Light Technical

		Color rendering	Luminous Efficacy	
Order Code	Full Product Name	index (CRI)	(rated) (Nom)	Luminous Flux
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	84	85 lm/W	6,200 lm
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	83	79 lm/W	3,100 lm

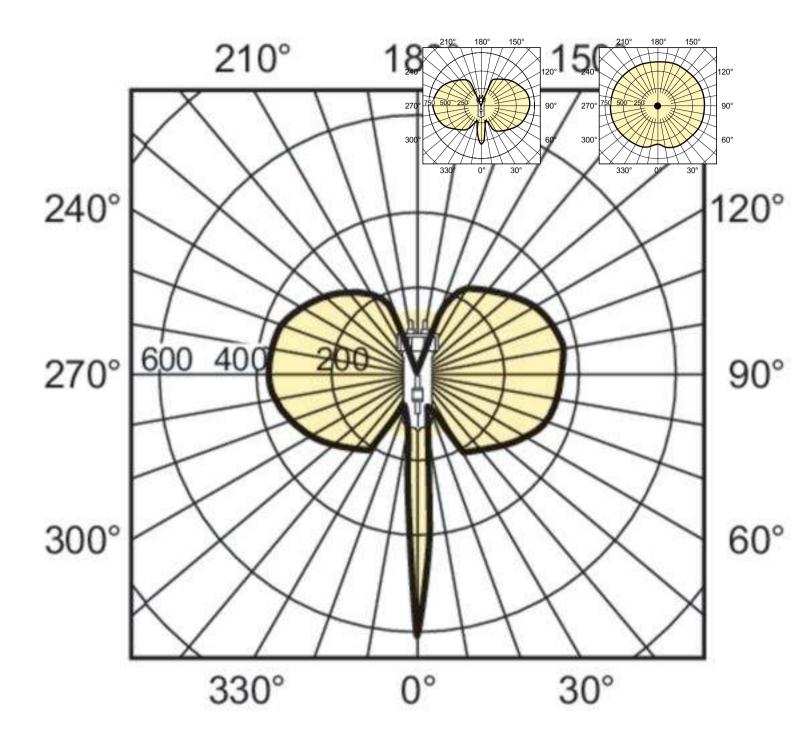
# Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928082305125	MASTERC CDM-T 70W/830 G12	88 V	73.2 W
	1CT/12		

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928083105125	MASTERC CDM-T 35W/830 G12	82 V	39.1 W
	1CT/12		

# Approval and Application

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



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