



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.

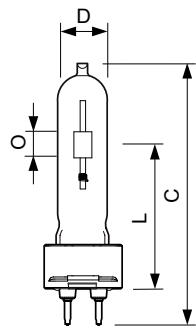
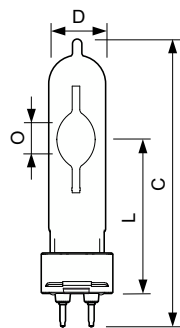
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Versions



LPPR_CDM-T_0004-Product photo

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/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 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
MASTERC CDM-T 70W/942 G12 1CT/12	20 mm	0.75 inch	6 mm	55 mm	57 mm	56 mm	103 mm

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

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color Temperature (Nom)	Color	Luminous Efficacy (rated) (Nom)	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)			rendering index (CRI)		
928083105129	MASTERC CDM-T 35W/830 G12 1CT/12	0.428	0.397	Warm White (WW)	3000 K	83	79 lm/W	-
928094305129	MASTERC CDM-T 35W/842 G12 1CT/12	0.370	0.367	Cool White (CW)	4200 K	84	77 lm/W	-
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
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	0.432	0.395	Warm White (WW)	3000 K	84	85 lm/W	-
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
928084505129	MASTERC CDM-T 70W/942 G12 1CT/12	0.377	0.376	Cool White (CW)	4200 K	92	85 lm/W	-
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
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	0.434	0.398	Warm White (WW)	3000 K	85	111 lm/W	27,750 lm
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	0.371	0.366	Cool White (CW)	4200 K	91	105 lm/W	26,250 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
928083105129	MASTERC CDM-T 35W/830 G12 1CT/12	82 V	39.1 W	928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	82 V	39.1 W
928094305129	MASTERC CDM-T 35W/842 G12 1CT/12	85 V	39.1 W	928083705125	MASTERC CDM-T 150W/830 G12 1CT	96 V	150.1 W
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	88 V	73.2 W	928084505129	MASTERC CDM-T 70W/942 G12 1CT/12	88 V	73.2 W
928082305129	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

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Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928084605131	MASTERC CDM-T 150W/942 G12 1CT	90 V	150.1 W
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	95 V	250.0 W

Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	93 V	250.0 W
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	85 V	39.1 W

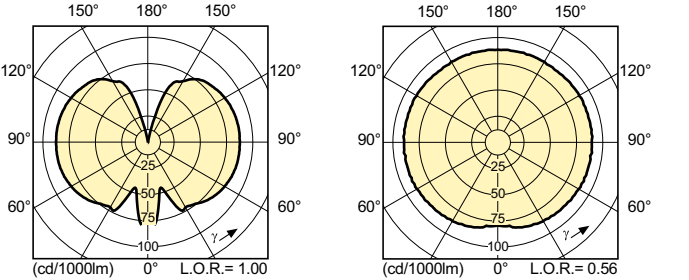
Mechanical and Housing

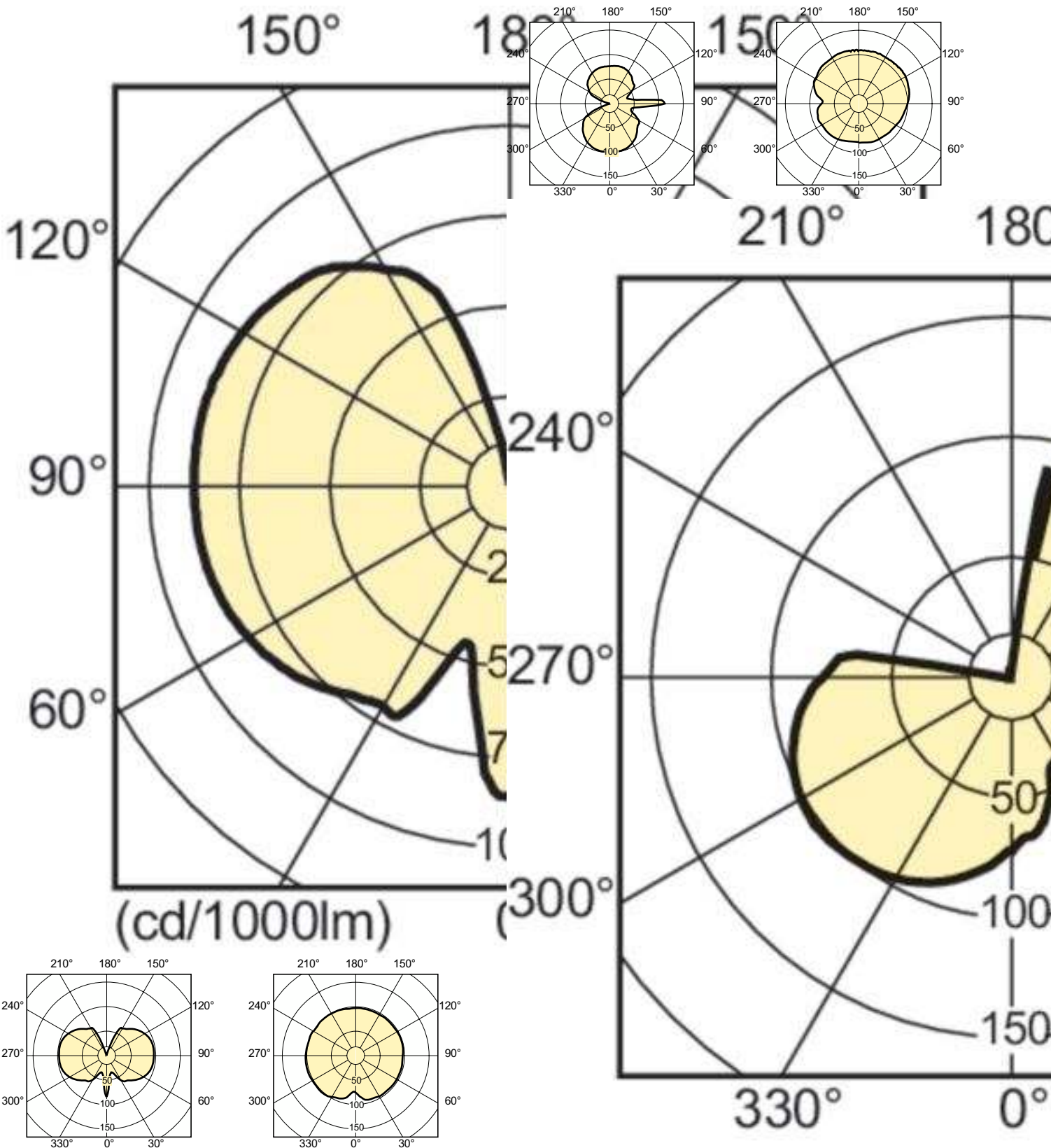
Order Code	Full Product Name	Bulb Shape
928083105129	MASTERC CDM-T 35W/830 G12 1CT/12	T19
928094305129	MASTERC CDM-T 35W/842 G12 1CT/12	T19
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	T19
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	T19
928083105125	MASTERC CDM-T 35W/830 G12 1CT/12	T19
928083705125	MASTERC CDM-T 150W/830 G12 1CT	T19

Order Code	Full Product Name	Bulb Shape
928084505129	MASTERC CDM-T 70W/942 G12 1CT/12	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	Energy Consumption kWh/1000 h	Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
928083105129	MASTERC CDM-T 35W/830 G12 1CT/12	43 kWh	-	3.1 mg
928094305129	MASTERC CDM-T 35W/842 G12 1CT/12	43 kWh	-	2.7 mg
928082305125	MASTERC CDM-T 70W/830 G12 1CT/12	74 kWh	4.6 mg	4.6 mg
928082305129	MASTERC CDM-T 70W/830 G12 1CT/12	80 kWh	-	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
928084505129	MASTERC CDM-T 70W/942 G12 1CT/12	80 kWh	-	6.1 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
928089805131	MASTERC CDM-T 250W/830 G12 1CT/12	250 kWh	27.5 mg	27.5 mg
928094205131	MASTERC CDM-T 250W/942 G12 1CT/12	250 kWh	20 mg	20.0 mg
928094305125	MASTERC CDM-T 35W/842 G12 1CT/12	40 kWh	2.7 mg	2.7 mg





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