

PHILIPS

Lighting



Beautiful sparkle, reliable life

MASTERColour CDM-TD

Range of double-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. Provides better operating costs and improved light quality versus standard quartz metal halide (MHN-TD)
- Long lamp life compared with incandescent, halogen and quartz metal halide (MHN-TD) 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
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN-TD), thereby allowing to reduce operating costs and improve color quality
- Burning position horizontal +/-45°

Application

- Shops and shop windows, offices and public buildings
- Decorative outdoor: floodlighting of facades, statues and monuments

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Warnings and Safety

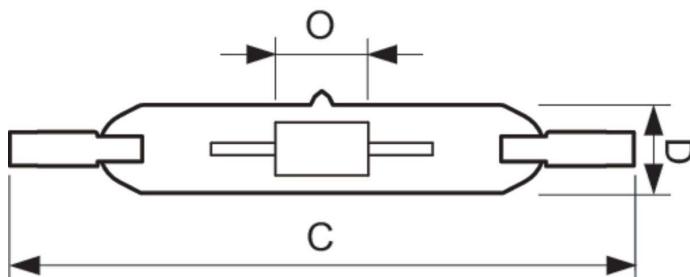
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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-TD 150W

Dimensional drawing



Product	D (max)	D	O	C (max)
MASTERC CDM-TD 150W/830 RX7s 1CT	22 mm		10 mm	137.43 mm
MASTERC CDM-TD 150W/942 RX7s 1CT	22 mm		10 mm	137.43 mm
MASTERC CDM-TD 70W/830 RX7s 1CT/12	22 mm		8 mm	119.63 mm
MASTERC CDM-TD 70W/942 RX7s 1CT/12	22 mm	0.75 inch	7 mm	119.63 mm

General Information

Cap-Base	RX7s
Operating Position	P45

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T22

Light Technical

MASTERColour CDM-TD

Order Code	Full Product Name	Chromaticity		Chromaticity		Correlated Color	Color rendering index (CRI)	Color	
		Coordinate X (Nom)	Coordinate Y (Nom)	Coordinate X (Nom)	Coordinate Y (Nom)			index (CRI)	Luminous Efficacy (rated) (Nom)
928083605133	MASTERC CDM-TD 150W/830 RX7s 1CT	0.434	0.398	Warm White (WW)	3000 K	88	87 lm/W	12,750 lm	
928084805133	MASTERC CDM-TD 150W/942 RX7s 1CT	0.371	0.366	Cool White (CW)	4200 K	96	90 lm/W	13,650 lm	
928082205125	MASTERC CDM-TD 70W/830 RX7s 1CT/12	0.434	0.398	Warm White (WW)	3000 K	80	85 lm/W	6,000 lm	
928084705133	MASTERC CDM-TD 70W/942 RX7s 1CT/12	0.371	0.366	Cool White (CW)	4200 K	92	76 lm/W	5,450 lm	

Operating and Electrical

Order Code	Full Product Name	Voltage (Nom)	Power Consumption	Order Code	Full Product Name	Voltage (Nom)	Power Consumption
928083605133	MASTERC CDM-TD 150W/830 RX7s 1CT	98 V	147.0 W	928082205125	MASTERC CDM-TD 70W/830 RX7s 1CT/12	94 V	71.0 W
928084805133	MASTERC CDM-TD 150W/942 RX7s 1CT	103 V	152.0 W	928084705133	MASTERC CDM-TD 70W/942 RX7s 1CT/12	90 V	71.5 W

Approval and Application

Order Code	Full Product Name	Energy Consumption		Mercury (Hg) Content (Max)	Mercury (Hg) Content (Nom)
		kWh/1000 h		(Max)	(Nom)
928083605133	MASTERC CDM-TD 150W/830 RX7s 1CT	147 kWh		10.2 mg	10.23 mg
928084805133	MASTERC CDM-TD 150W/942 RX7s 1CT	152 kWh		8.3 mg	8.29 mg
928082205125	MASTERC CDM-TD 70W/830 RX7s 1CT/12	71 kWh		3.4 mg	3.4 mg
928084705133	MASTERC CDM-TD 70W/942 RX7s 1CT/12	72 kWh		4.7 mg	4.8 mg

