



Beautiful sparkle, reliable life

MASTERColour CDM-TD

Range of double-ended, compact, high-efficiency, discharge lamps with a stable colour over lifetime and a crisp, sparkling light

Benefits

- Stable colour 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/W-TD)
- Long lamp life compared with incandescent, halogen and quartz metal halide (MHN/W-TD) lamps
- Relatively low heat output enhances comfort for shoppers and staff
- All types are UV-Block for reduced fading risks

Features

- Warm or cool white colour impression
- Colour rendering good to excellent
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN/W-TD), thereby allowing to reduce operating costs and improve colour quality
- Burning position horizontal $\pm 45^\circ$

Application

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

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Warnings and Safety

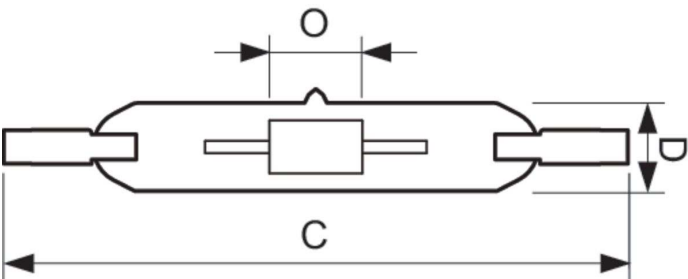
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)
- 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 in	7 mm	119.63 mm

General Information	
Cap base	RX7s
Operating position	P45
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Lamp Finish	Clear
Bulb shape	T22

Light Technical

MASTERColour CDM-TD

Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Colour designation	Correlated Colour Temperature	Colour rendering index (CRI)	Luminous efficacy (rated) (nom.)	Luminous Flux
19784915	MASTERColour CDM-TD 150W/830 RX7s 1CT	0.434	0.398	Warm White (WW)	3000 K	88	87 lm/W	12,750 lm
20025915	MASTERColour CDM-TD 150W/942 RX7s 1CT	0.371	0.366	Cool White (CW)	4200 K	96	90 lm/W	13,650 lm
19782515	MASTERColour CDM-TD 70W/830 RX7S 1CT/12	0.434	0.398	Warm White (WW)	3000 K	80	85 lm/W	6,000 lm
20002015	MASTERColour 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
19784915	MASTERColour CDM-TD 150W/830 RX7s 1CT	98 V	147.0 W
20025915	MASTERColour CDM-TD 150W/942 RX7s 1CT	103 V	152.0 W

Order Code	Full Product Name	Voltage (nom.)	Power Consumption
19782515	MASTERColour CDM-TD 70W/830 RX7S 1CT/12	94 V	71.0 W
20002015	MASTERColour CDM-TD 70W/942 RX7S 1CT/12	90 V	71.5 W

Approval and Application

Order Code	Full Product Name	Energy consumption kWh/1,000 hours	Mercury (Hg) content (max.)	Mercury (Hg) content (nom.)
19784915	MASTERColour CDM-TD 150W/830 RX7s 1CT	147 kWh	10.2 mg	10.23 mg
20025915	MASTERColour CDM-TD 150W/942 RX7s 1CT	152 kWh	8.3 mg	8.29 mg
19782515	MASTERColour CDM-TD 70W/830 RX7S 1CT/12	71 kWh	3.4 mg	3.4 mg
20002015	MASTERColour CDM-TD 70W/942 RX7S 1CT/12	72 kWh	4.7 mg	4.8 mg

