



Product Description

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-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 colour quality
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN-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

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.

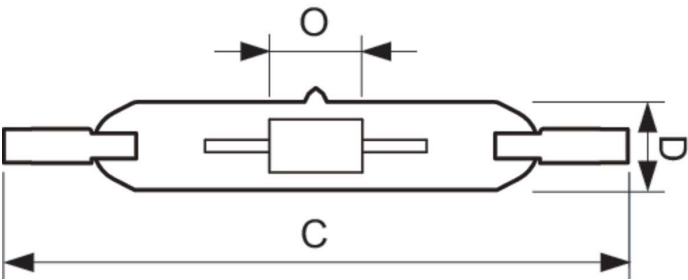
MASTERCoulour CDM-TD

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
Mechanical and Housing	
Bulb Finish	Clear
Bulb Shape	T22

Light Technical

Order Code	Full Product Name	Chromaticity	Chromaticity	Color Designation	Correlated Color	Color	Luminous Efficacy	Luminous Flux
		Coordinate X (Nom)	Coordinate Y (Nom)		Temperature (Nom)	rendering index (CRI)		
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

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Order Code	Full Product Name	Chromaticity Coordinate X (Nom)	Chromaticity Coordinate Y (Nom)	Color Designation	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Luminous Efficacy (rated) (Nom)	Luminous Flux
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/1000 h	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

