



# 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 color impression over lifetime
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- 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)
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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-TD) lamps
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- 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
- Retrofit in double-ended luminaires for quartz metal halide lamps (MHN-TD), thereby allowing to reduce operating costs and improve color quality
- 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  $\pm 45^\circ$
- Burning position horizontal  $\pm 45^\circ$

## Application

- Shops and shop windows, offices and public buildings
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- 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)
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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
- Lamps may use electronic or electromagnetic control gear
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- Control gear must include end-of-life protection (IEC61167, IEC 62035)
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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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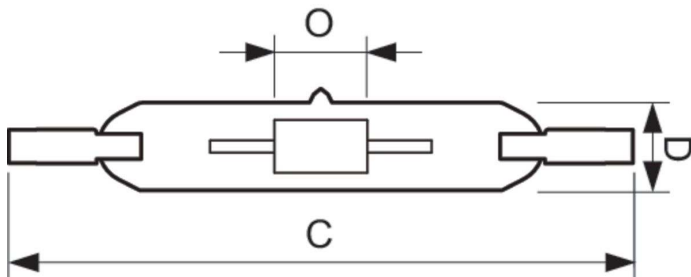
## Versions



LPPR CDM-TD 150W

# MASTERC colour CDM-TD

## 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 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

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)		
928083605133	MASTERC CDM-TD 150W/830 RX7s 1CT	0.434	0.398	Warm White (WW)	3000 K	88	87 lm/W	12,750 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	928084705133	MASTERC CDM-TD 70W/942 RX7s 1CT/12	90 V	71.5 W
928082205125	MASTERC CDM-TD 70W/830 RX7s 1CT/12	94 V	71.0 W				

## Approval and Application

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

MASTERColour CDM-TD

Order Code	Full Product Name	Energy	Mercury	Mercury
		Consumption	(Hg) Content	(Hg) Content
		kWh/1000 h	(Max)	(Nom)
928084705133	MASTERC CDM-TD	72 kWh	4.7 mg	4.8 mg
70W/942 RX7s 1CT/12				

