

MASTERColour CDM-TD

DCDMTD



Beautiful sparkle, reliable life

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)
- 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-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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Applications

- Shops and shop windows, offices and public buildings
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- Decorative outdoor: floodlighting of facades, statues and monuments
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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 $\pm 45^\circ$
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- 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

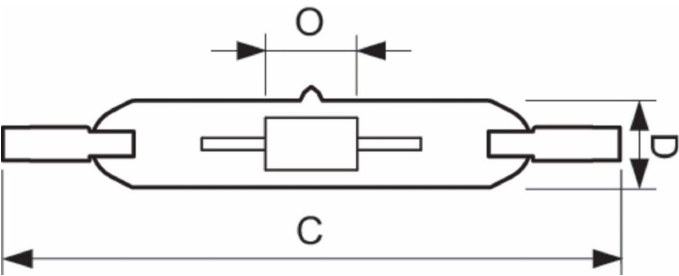
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
 - Lamps may use electronic or electromagnetic control gear
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 - Control gear must include end-of-life protection (IEC61167, IEC 62035)
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- 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_70W-Product photo

Dimensional drawing



Product	D (max)	D	O	C (max)
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 [Parallel +/-45D or Horizontal(HOR)]
Light Technical	
Luminous Flux	5,450 lm
Color Designation	Cool White (CW)
Chromaticity Coordinate X (Nom)	0.371
Chromaticity Coordinate Y (Nom)	0.366
Correlated Color Temperature (Nom)	4200 K
Luminous Efficacy (rated) (Nom)	76 lm/W
Color rendering index (CRI)	92
Operating and Electrical	
Power Consumption	71.5 W
Voltage (Nom)	90 V
Controls and Dimming	
Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T22

Approval and Application

Mercury (Hg) Content (Max)	4.7 mg
Mercury (Hg) Content (Nom)	4.8 mg
Energy Consumption kWh/1000 h	72 kWh