PHILIPS

MASTERColour CDM-TD

DCDMTD



Beautiful sparkle, reliable life

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

Applications

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

Features

- Crisp white light
- Superior color quality
- Retrofit in double-ended luminairs for quartz metal halide lamps (MHN-TD), thereby allowing to reduce operating costs and improve color quality
- Burning position horizontal +/-45°
- 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

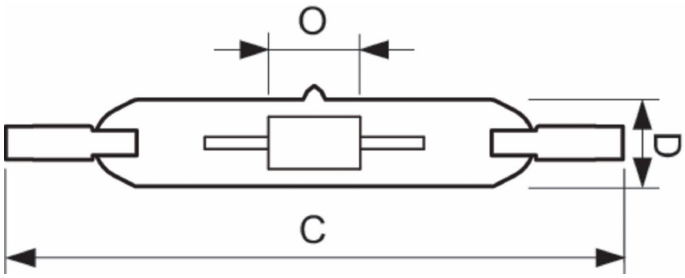


LPPR CDM-TD 150W



LPPR_CDM-TD_70W-Product photo

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 [Parallel +/-45D or Horizontal(HOR)]

Controls and Dimming

Dimmable	No

Mechanical and Housing

Bulb Finish	Clear
Bulb Shape	T22

Light Technical

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

Operating and Electrical

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

Approval and Application

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

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