

MASTERColour CDM-TD

MASTERColour CDM-TD 70W/942 RX7s 1CT

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

Product data

• General Characteristics

Cap-Base	RX7s
Bulb	T22 [T 22mm]
Bulb Finish	Clear
Burning Position	p45 [Parallel +/-45D or Horizontal(HOR)]
Life to 5% failures	9000 hr
Life to 10% failures	13000 hr
Life to 20% failures	15000 hr
Life to 50% failures	16000 hr

• Light Technical Characteristics

Colour Code	942 [CCT of 4200K]
Colour Rendering Index	92 Ra8
Colour Designation	Cool White
Colour Temperature	4200 K
Colour Temperature Technical	4060 K
Lamp Luminous Flux EM	5600 Lm
Lamp Luminous Efficacy EM	80 Lm/W
System Luminous Efficacy EL	72 Lm/W
Lumen Maintenance 2000h	85 %
Lumen Maintenance 5000h	70 %
Lumen Maintenance 10000h	60 %
Chromaticity Coordinate X	0.383 -
Chromaticity Coordinate Y	0.370 -

• Electrical Characteristics

System Power EM	87 W
System Power EL	83 W
Lamp Wattage	70 W
Lamp Wattage EM	70.0 W
25°C, Nominal	
Lamp Wattage EM	71.0 W
25°C, Rated	
Lamp Voltage	89 V
Lamp Current EM	0.98 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	no

• Environmental Characteristics

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content	4.8 mg
Energy consumption kWh/1000h	78 kWh

• UV-related Characteristics

PET (NIOSH)	38 h.klx
Damage Factor D/fc	0.23 -

• Luminaire Design Requirements

Pinch Temperature	280 (max) C
Bulb Temperature	500 (max) C

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Product Dimensions

Reference Length A	114.2 mm
Insertion Length B	117.6 (max) mm
Overall Length C	119.63 (max) mm
Diameter D	22 (max) mm
Light Center Length L	57.1 mm
Arc Length O	7 mm
Light Center Length L [inch]	2.25 in
Overall Length C [inch]	4.6875 (max) in
Diameter D [inch]	0.75 in

Product Data

Order code	200020 15
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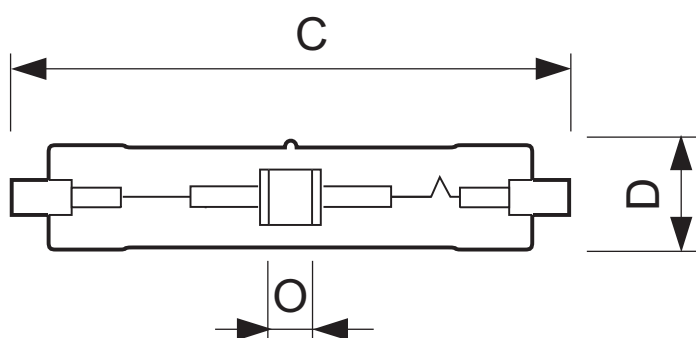
Full product code	871150020002015
Full product name	MASTERColour CDM-TD 70W/942 RX7s 1CT
Order product name	MASTERC CDM-TD 70W/942 RX7s 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500200020
Bar code on outerbox - EAN3	8711500200037
Logistic code(s) - 12NC	928084705133
ILCOS code	MD/UB-70/942-H-RX7s-22/117.6
Net weight per piece	0.021 kg

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

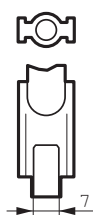
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Dimensional drawing



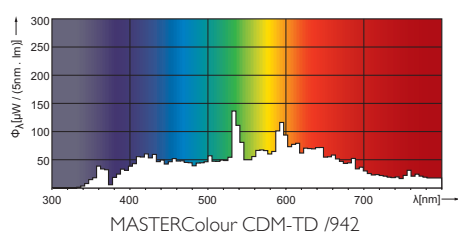
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Product	C (Max)	D (Max)	O (Min)	O (Norm)	O (Max)
CDM-TD 70W/942 RX7s	119.63	22	-	7	-



RX7s

Photometric data





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data subject to change