

MASTERColour CDM-TD

MASTERColour CDM-TD 150W/942 RX7s 1CT

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

Product data

• General Characteristics

Cap-Base	RX7s
Bulb	T25 [T 25mm]
Bulb Finish	Clear
Operating 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

Color Code	942 [CCT of 4200K]
Color Rendering Index	96 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	4240 K
Luminous Flux Lamp EM	14200 Lm
Luminous Efficacy Lamp EM	91 Lm/W
Luminous Efficacy System EL	84 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	85 %
Lumen Maintenance 10000h	70 %
Chromaticity Coordinate X	0.370 -
Chromaticity Coordinate Y	0.368 -

• Electrical Characteristics

System Power EM	165 W
System Power EL	170 W
Lamp Wattage	150 W
Lamp Wattage EM 25°C, Nominal	150.0 W
Lamp Wattage EM 25°C, Rated	149.0 W
Lamp Voltage	100 V
Lamp Current EM	1.82 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	8.29 mg
Energy consumption kWh/1000h	163 kWh

• UV-related Characteristics

PET (NIOSH)	150 h.klx
Damage Factor D/fc	0.40 -

• Luminaire Design Requirements

Pinch Temperature	300 (max) C
Bulb Temperature	650 (max) C

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Product Dimensions

Reference Length A	132.0 mm
Insertion Length B	135.4 (max) mm
Overall Length C	137.43 (max) mm
Diameter D	25 (max) mm
Light Center Length L	66 mm
Arc Length O	10 mm
Light Center Length L [inch]	2.59375 in
Overall Length C [inch]	5.4375 (max) in
Diameter D [inch]	0.875 in

Product Data

Order code	928084805133
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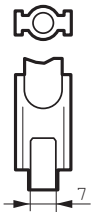
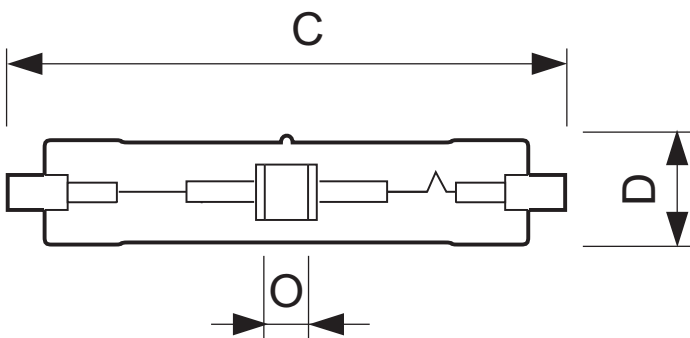
Full product code	928084805133
Full product name	MASTERColour CDM-TD 150W/942 RX7s 1CT
Order product name	MASTERC CDM-TD 150W/942 RX7s 1CT
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500200259
Bar code on outerbox - EAN3	8711500200266
Logistic code(s) - 12NC	928084805133
ILCOS code	MD/UB-150/942-H-RX7s-25/135.4
Net weight per piece	0.030 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

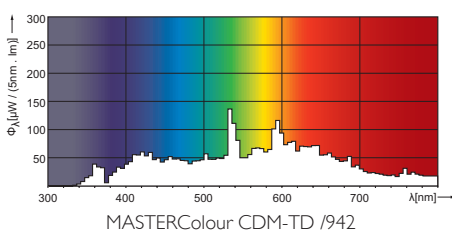


RX7s

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Product	C (Max)	D (Max)	O (Min)	O (Norm)	O (Max)
CDM-TD 150W/942 RX7s	137.43	25	-	10	-

Photometric data





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data subject to change