

MASTERColour CDM-TD

MASTERColour CDM-TD 70W/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	T22 [T 22mm]
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	92 Ra8
Color Designation (text)	Cool White
Color Temperature	4200 K
Color Temperature Technical	4060 K
Luminous Flux Lamp EM	5600 Lm
Luminous Efficacy Lamp EM	80 Lm/W
Luminous Efficacy System 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 25°C, Nominal	70.0 W
Lamp Wattage EM 25°C, Rated	71.0 W
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

PHILIPS

MASTERColour CDM-TD

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	928084705133
------------	--------------

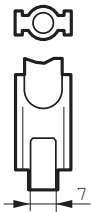
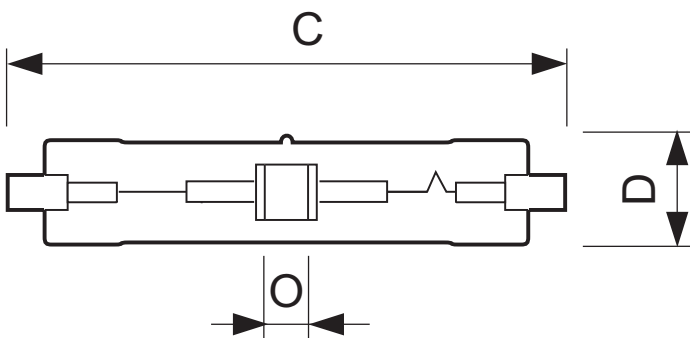
Full product code	928084705133
Full product name	MASTERColour CDM-TD 70W/942 RX7s 1CT
Order product name	MASTERC CDM-TD 70W/942 RX7s 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500200020
Bar code on outerbox - EAN3	8711500200037
Logistic code(s) - 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

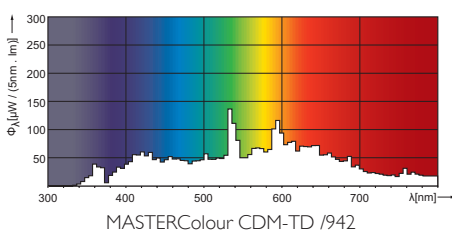


RX7s

MASTERColour CDM-TD 70W/942 RX7s 1CT

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

Photometric data





© 2013 Koninklijke Philips N.V. (Royal Philips)
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips N.V. (Royal Philips) or their respective owners.

www.philips.com/lighting

2013, October 9
data subject to change