

MASTERColour CDM-TD

MASTERColour CDM-TD 70W/830 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	830 [CCT of 3000K]
Color Rendering Index	82 Ra8
Color Designation (text)	Warm White
Color Temperature	3000 K
Color Temperature Technical	2990 K
Luminous Flux Lamp EM	6000 Lm
Luminous Efficacy Lamp EM	85 Lm/W
Luminous Efficacy System EL	78 Lm/W
Lumen Maintenance 2000h	87 %
Lumen Maintenance 5000h	80 %
Lumen Maintenance 10000h	70 %
Chromaticity Coordinate X	0.443 -
Chromaticity Coordinate Y	0.401 -

• Electrical Characteristics

System Power EM	88 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	92 V
Lamp Current EM	0.95 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	3.7 mg
Energy consumption kWh/1000h	78 kWh

• UV-related Characteristics

PET (NIOSH)	41 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	8 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	928082205125
------------	--------------

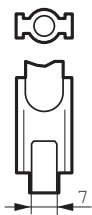
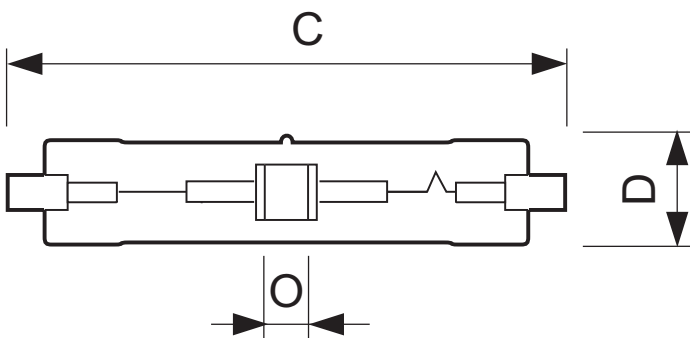
Full product code	928082205125
Full product name	MASTERColour CDM-TD 70W/830 RX7s 1CT
Order product name	MASTERC CDM-TD 70W/830 RX7s 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500197825
Bar code on outerbox - EAN3	8711500197832
Logistic code(s) - 12NC	928082205125
ILCOS code	MD/UB-70/830-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

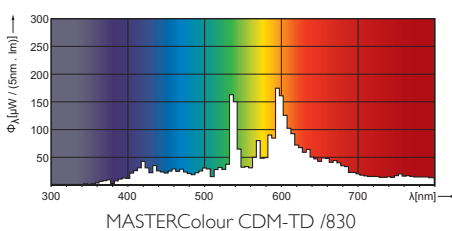


RX7s

MASTERColour CDM-TD 70W/830 RX7s 1CT

Product	C (Max)	D (Max)	O (Min)	O (Norm)	O (Max)
CDM-TD 70W/830 RX7s	119.63	22	-	8	-

Photometric data





© 2014 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

2014, April 11
data subject to change