

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

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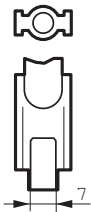
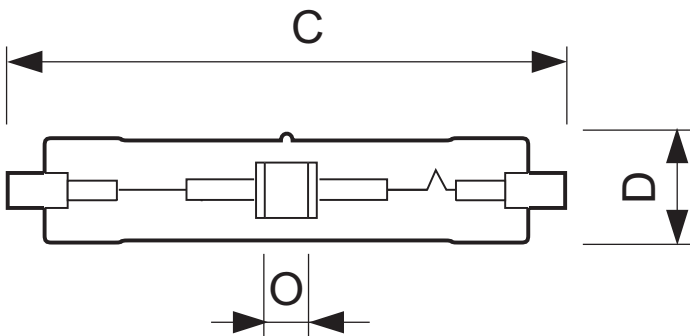
Full product code	928082205125
Full product name	MASTERColour CDM-TD 70W/830 RX7s 1CT
Order product name	MASTERC CDM-TD 70W/830 RX7s 1CT/12
Pieces per pack	1
Packing configuration	12
Packs per outerbox	12
Bar code on pack - EAN1	8711500197825
Bar code on outerbox - EAN3	8711500197832
Logistic code(s)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

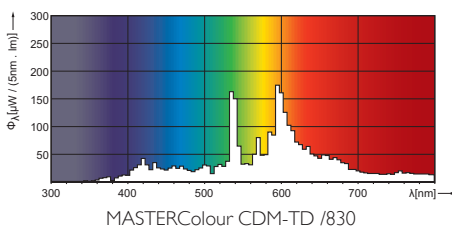


RX7s

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

Photometric data





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2014, February 6
data subject to change