



MASTERColour CDM-TD

MASTERColour CDM-TD 150W/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	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

• Electrical Characteristics

System Power EM	165 W
System Power EL	170 W
Lamp Wattage	150 W
Lamp Wattage EM	145.0 W
Lamp Voltage	96 V
Lamp Current EM	1.8 A
Ignition Time	30 (max) s
Run-up time 90%	3 (max) min
Re-ignition Time [min]	15 (max) min
Dimmable	No

• Environmental Characteristics

Mercury (Hg) Content	10.23 mg
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• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	88 Ra8
Color Designation (text)	Warm White

Color Temperature	3000 K
Color Temperature Technical	2985 K
Chromaticity Coordinate X	0.431 -
Chromaticity Coordinate Y	0.390 -
Luminous Efficacy System EL	78 Lm/W
Luminous Flux Lamp EM	13250 Lm
Luminous Efficacy Lamp EM	85 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	85 %
Lumen Maintenance 10000h	75 %

• UV-related Characteristics

PET (NIOSH)	333 h.klx
Damage Factor D/fc	0.14 -

• 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

PHILIPS

sense and simplicity

MASTERC colour CDM-TD

Overall Length C 5.4375 (max) in
[inch]
Diameter D [inch] 0.875 in

• **Luminaire Design Requirements**

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

• **Product Data**

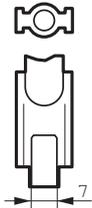
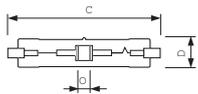
Order code 928083605133
Full product code 928083605133
Full product name MASTERC colour CDM-TD 150W/830
RX7s 1CT

Order product name MASTERC CDM-TD 150W/830
RX7s 1CT/12
Pieces per pack 1
Packing configuration 12
Packs per outerbox 12
Bar code on pack -
EAN1 8711500197849
Bar code on
outerbox - EAN3 8711500197856
Logistic code(s) -
12NC 928083605133
ILCOS code MD-150/30/1B-H-RX7s
Net weight per piece 0.030 kg

Warnings and Safety

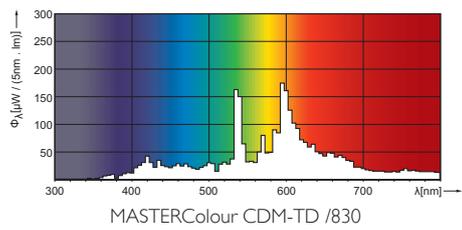
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures
- Lamps may use electronic or electromagnetic control gear
- Control gear must include end-of-life protection (IEC61167, IEC 62035)

Dimensional drawing



Product	C (Max)	D (Max)	O (Min)	O (Norm)	O (Max)
CDM-TD 150W/830 RX7s	137.43	25	-	10	-

Photometric data



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www.philips.com/lighting

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data subject to change