

MasterColor® CDM-TD

MasterColor CDM-TD 150W/830 RX7s T7 CL

The MasterColor CDM metal halide lamps deliver consistent white light and higher color rendering than any standard metal halide source for architectural lighting. Tubular double-ended TD style for enclosed luminaires are ideal for accent lighting in indoor applications.

Product data

• General Characteristics

Base	Recessed Single Contact RX7s
Bulb	T-7 [T 25mm]
Bulb Finish	Clear
Operating Position	Horizontal +/- 45 D [Parallel +/-45D or Horizontal(HOR)]
Life to 5% failures	9000 hr
Life to 10% failures	13000 hr
Life to 20% failures	15000 hr
RatedAvgLife(See Family Notes)	16000 hr

• Light Technical Characteristics

Color Code	830 [CCT of 3000K]
Color Rendering Index	88 Ra8
Color Designation	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
Initial Lumens	13250 Lm
Luminous Efficacy Lamp EM	85 Lm/W
Lumen Maintenance 2000h	90 %
Lumen Maintenance 5000h	85 %
Lumen Maintenance 10000h	75 %

• Electrical Characteristics

System Power EM	165 W
System Power EL	170 W
Watts	150 W
Lamp Wattage	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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• UV-related Characteristics

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

• Luminaire Design Requirements

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

• 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

PHILIPS

sense and simplicity

Light Center Length L 66 mm
 Arc Length O 10 mm
 Light Center Length L 2.59375 in
 Max Overall Length (MOL) - C 5.4375 (max) in
 Diameter D 0.875 in

• Product Data

Product number 231670

Full product name MasterColor CDM-TD 150W/830 RX7s T7 CL
 Short product name CDM 150/TD/830 12PK
 Pieces per Sku 1
 eop_pck_cfg 12
 Skus/Case 12
 Bar code on pack 46677231675
 Bar code on case 50046677231670
 Logistics code(s) 928083605116
 tpd_ilcos_cd MD-150/30/1B-H-RX7s
 eop_net_weight_pp 0.030 kg

Warnings and Safety

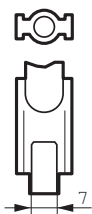
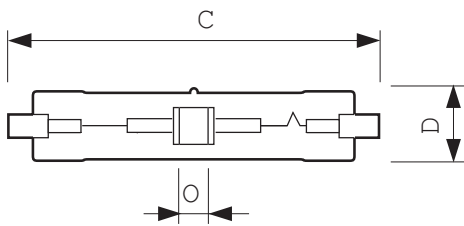
- R "WARNING: These lamps can cause serious skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will

remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." This lamp complies with FDA radiation performance standard 21 CFR subchapter J. (USA:21 CFR 1040.30 Canada: SOR/DORS/80-381)

Dimensional drawing

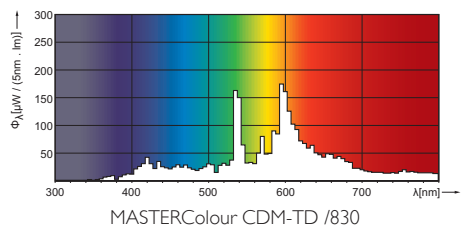
CDM-TD

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



RX7s

Photometric data



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www.philips.com/lighting

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data subject to change