



MASTERCcolour CDM-TD

MASTERCcolour 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

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)
- A lamp breaking is extremely unlikely to have any impact on your health. If a lamp breaks, ventilate the room for 30 minutes and remove the parts, preferably with gloves. Put them in a sealed plastic bag and take it to your local waste facilities for recycling. Do not use a vacuum cleaner.

Product data

General Information	
Cap-Base	RX7S [RX7s]
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]
Life to 5% Failures (Nom)	9000 h
Life To 10% Failures (Nom)	13000 h
Life to 20% Failures (Nom)	15000 h
Life to 50% Failures (Nom)	16000 h
ANSI Code HID	C142/E
Light Technical	
Color Code	830 [CCT of 3000K]
Luminous Flux (Rated) (Nom)	12750 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	75 %

Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	90 %
Lumen Maintenance 5000 h (Min)	75 %
Lumen Maintenance 5000 h (Nom)	85 %
Chromaticity Coordinate X (Nom)	0.437
Chromaticity Coordinate Y (Nom)	0.399
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	87 lm/W
Color Rendering Index (Nom)	88
Operating and Electrical	
Power (Nom)	147.0 W
Lamp Current Run-Up (Max)	2.5 A
Lamp Current (EM) (Nom)	1.8 A

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Ignition Supply Voltage (Max)	198 V
Ignition Peak Voltage (Max)	5000 V
Ignition Supply Voltage (Min)	198 V
Re-Ignition Time (Min) (Max)	15 min
Ignition Time (Max)	30 s
Voltage (Max)	106 V
Voltage (Min)	90 V
Voltage (Nom)	98 V

Controls and Dimming

Dimmable	No
Run-Up Time 90% (Max)	3 min

Mechanical and Housing

Bulb Finish	Clear
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Approval and Application

Energy Efficiency Label (EEL)	A+
Mercury (Hg) Content (Nom)	10.23 mg
Energy Consumption kWh/1000 h	160 kWh

UV

Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3

Luminaire Design Requirements

Bulb Temperature (Max)	650 °C
Pinch Temperature (Max)	300 °C

Product Data

Full product code	871150019784915
Order product name	MASTERCoulour CDM-TD 150W/830 RX7s 1CT
EAN/UPC - Product	8711500197849
Order code	928083605133
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928083605133
Net Weight (Piece)	26.700 g
ILCOS Code	MD/UB-150/830-H-RX7s-25/135.4

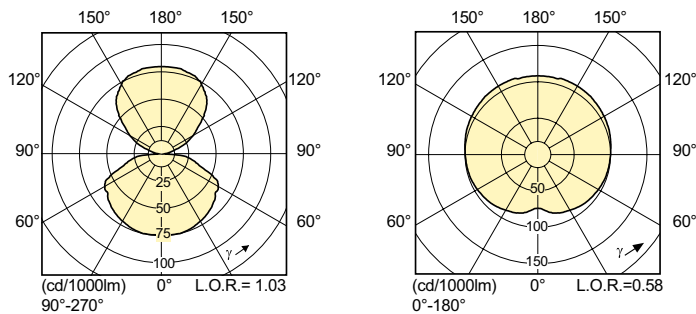
Dimensional drawing



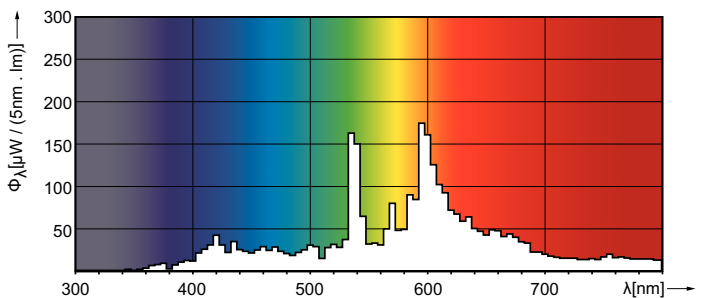
Product	D (max)	D O	C (max)
MASTERCoulour CDM-TD 150W/830 RX7s 1CT	22 mm	10 mm	137.43 mm

CDM-TD 150W/830 RX7s

Photometric data



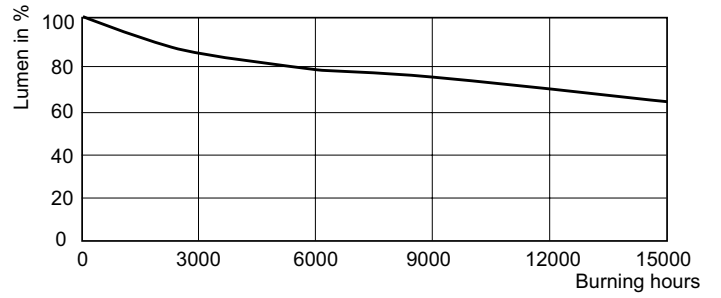
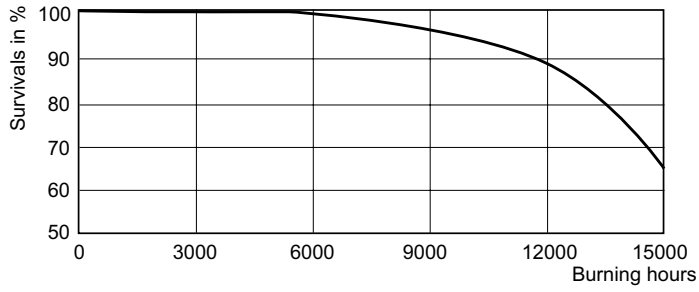
LDLD_CDM-TD_150W_830-Light distribution diagram



LDPO_CDM-TD_830-Spectral power distribution Colour

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Lifetime



LDLM_CDM-TD_0001-Lumen maintenance diagram

