

MASTERColour CDM-TD



MASTERColour CDM-TD 70W/830 RX7s 1CT/12

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		Color Designation	
Cap-Base	RX7S [RX7s]	Warm White (WW)	
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]	Lumen Maintenance 10000 h (Nom)	70 %
Life to 5% Failures (Nom)	9000 h	Lumen Maintenance 2000 h (Min)	80 %
Life To 10% Failures (Nom)	13000 h	Lumen Maintenance 2000 h (Nom)	85 %
Life to 20% Failures (Nom)	15000 h	Lumen Maintenance 5000 h (Min)	70 %
Life to 50% Failures (Nom)	16000 h	Lumen Maintenance 5000 h (Nom)	80 %
ANSI Code HID	C139/E	Chromaticity Coordinate X (Nom)	0.434
Flux measurement reference	Sphere	Chromaticity Coordinate Y (Nom)	0.398
Light technical		Correlated Color Temperature (Nom)	3000 K
Color Code	830 [CCT of 3000K]	Luminous Efficacy (rated) (Nom)	85 lm/W
Luminous Flux (Nom)	6000 lm	Color Rendering Index (Min)	77
Luminous Flux (Rated) (Nom)	6000 lm	Color Rendering Index (Nom)	80

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Operating and electrical	
Power (Nom)	71.0 W
Lamp Current Run-Up (Max)	1.4 A
Lamp Current (EM) (Nom)	0.95 A
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)	102 V
Voltage (Min)	86 V
Voltage (Nom)	94 V
Controls and dimming	
Dimmable	No
Run-Up Time 90% (Max)	3 min
Mechanical and housing	
Bulb Finish	Clear
Bulb Shape	T22 [T 22mm]
Approval and application	
Energy Efficiency Class	G
Mercury (Hg) Content (Max)	3.4 mg
Mercury (Hg) Content (Nom)	3.4 mg
Energy Consumption kWh/1000 h	71 kWh

Dimensional drawing



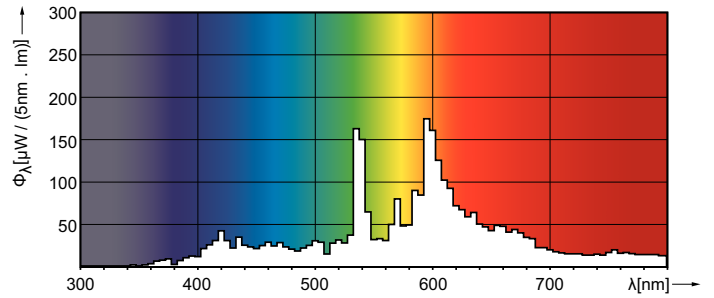
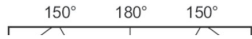
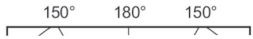
EPREL Registration Number	473326
UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.3
Luminaire design requirements	
Bulb Temperature (Max)	500 °C
Pinch Temperature (Max)	280 °C
Pinch Temperature (Max)-DUP(do not use)	280 °C
Product data	
Full product code	871150019782515
Order product name	MASTERColour CDM-TD 70W/830 RX7s 1CT/12
EAN/UPC - Product	8711500197825
Order code	928082205125
Numerator - Quantity Per Pack	1
Local code description	8348050
Numerator - Packs per outer box	12
Material Nr. (12NC)	928082205125
Net Weight (Piece)	21.000 g
ILCOS Code	MD/UB-70/830-H-RX7s-22/117.6

Product	D (max)	D O	C (max)
MASTERColour CDM-TD 70W/830 RX7s 1CT/12	22 mm	8 mm	119.63 mm

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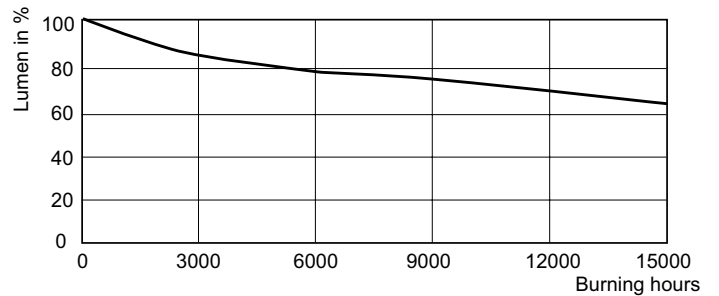
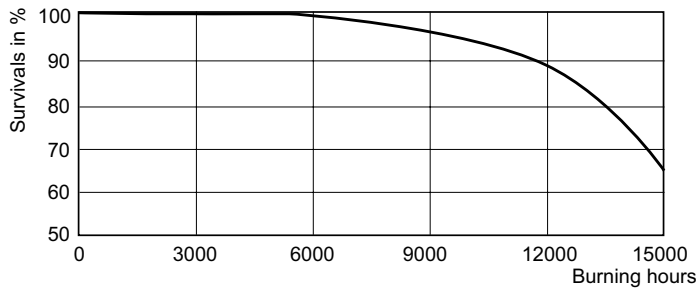
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Photometric data



LDPO_CDM-TD_830-Spectral power distribution Colour

Lifetime



LDLM_CDM-TD_0001-Lumen maintenance diagram

