



MASTERCoulour CDM-TD



MASTERCoulour 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		Color Designation	
Cap-Base	RX7S [RX7s]		Warm White (WW)
Operating Position	P45 [Parallel +/-45D or Horizontal(HOR)]	Lumen Maintenance 10000 h (Nom)	75 %
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)	90 %
Life to 20% Failures (Nom)	15000 h	Lumen Maintenance 5000 h (Min)	75 %
Life to 50% Failures (Nom)	16000 h	Lumen Maintenance 5000 h (Nom)	85 %
ANSI Code HID	C142/E	Chromaticity Coordinate X (Nom)	0.434
Flux measurement reference	Sphere	Chromaticity Coordinate Y (Nom)	0.398
		Correlated Color Temperature (Nom)	3000 K
		Luminous Efficacy (rated) (Nom)	87 lm/W
		Color Rendering Index (Nom)	88
Light technical		Operating and electrical	
Color Code	830 [CCT of 3000K]	Power (Nom)	147.0 W
Luminous Flux (Nom)	12750 lm		
Luminous Flux (Rated) (Nom)	12750 lm		

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Lamp Current Run-Up (Max)	2.5 A
Lamp Current (EM) (Nom)	1.8 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)	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
Bulb Shape	T22 [T 22mm]

Approval and application

Energy Efficiency Class	G
Mercury (Hg) Content (Max)	10.2 mg
Mercury (Hg) Content (Nom)	10.23 mg
Energy Consumption kWh/1000 h	147 kWh
EPREL Registration Number	473334

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
Pinch Temperature (Max)-DUP(do not use)	300 °C

Product data

Full product code	871150019784915
Order product name	MASTERCcolour CDM-TD 150W/830 RX7s 1CT
EAN/UPC - Product	8711500197849
Order code	928083605133
Numerator - Quantity Per Pack	1
Local code description	LAMPADA HALETO METALICO CDM- TD150W/830
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

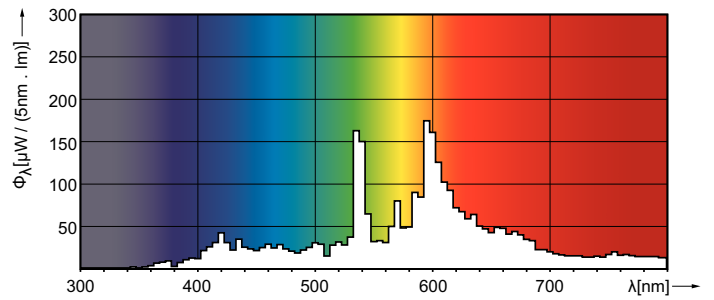
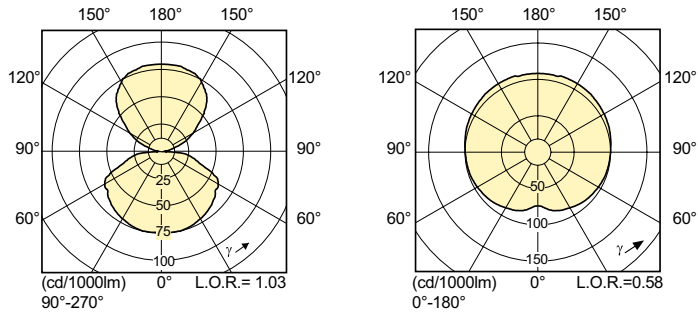


Product	D (max)	D O	C (max)
MASTERCcolour CDM-TD 150W/830 RX7s 1CT	22 mm	10 mm	137.43 mm

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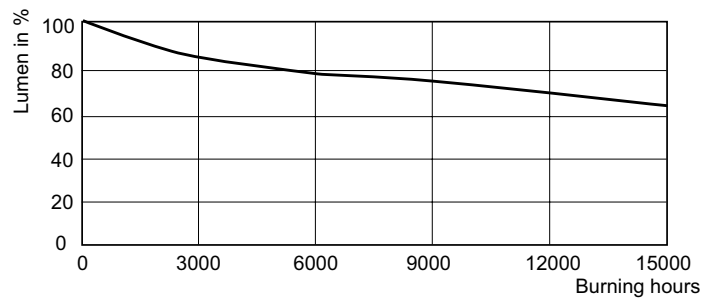
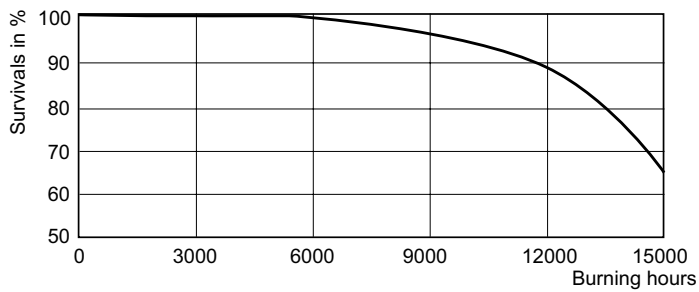
Photometric data



LDLD_CDM-TD_150W_830-Light distribution diagram

LDPO_CDM-TD_830-Spectral power distribution Colour

Lifetime



LDLM_CDM-TD_0001-Lumen maintenance diagram

