



# MASTERCcolour CDM-TD



## MASTERCcolour CDM-TD 150W/942 RX7s 1CT

Range of double-ended, compact, high-efficiency, discharge lamps with a stable colour 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		Colour designation	
Cap base	RX7S [ RX7s]	Colour designation	Cool White (CW)
Operating position	P45 [ Parallel +/-45D or Horizontal(HOR)]	Lumen maintenance 10,000 hours (nom.)	70 %
Life to 5% failures (nom.)	9000 h	Lumen maintenance 2,000 hours (min.)	80 %
Life to 10% failures (nom.)	13000 h	Lumen maintenance 2,000 hours (nom.)	90 %
Life to 20% failures (nom.)	15000 h	Lumen maintenance 5,000 hours (min.)	75 %
Life to 50% failures (nom.)	16000 h	Lumen maintenance 5,000 hours (nom.)	85 %
ANSI code HID	M142/E	Chromaticity coordinate X (nom.)	0.371
	Sphere	Chromaticity coordinate Y (nom.)	0.366
		Correlated Colour Temperature (Nom)	4200 K
		Luminous efficacy (rated) (nom.)	90 lm/W
		Colour rendering index (nom.)	96
Light technical		Operating and electrical	
Colour Code	942 [ CCT of 4,200 K]	Power (Rated) (Nom)	152.0 W
Luminous flux (nom.)	13650 lm		
Luminous flux (rated) (nom.)	13650 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)	110 V
Voltage (Min)	96 V
Voltage (Nom)	103 V

## Controls and dimming

Dimmable	No
Run-up time 90% (max.)	3 min

## Mechanical and housing

Lamp Finish	Clear
Bulb shape	T22 [ T 22mm]

## Approval and application

Energy Efficiency Class	G
Mercury (Hg) content (max.)	8.3 mg
Mercury (Hg) content (nom.)	8.29 mg
Energy consumption kWh/1,000 hours	152 kWh

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## UV

PET (NIOSH) (min.)	8 h/500lx
Damage factor D/fc (max.)	0.4

## Luminaire design requirements

Bulb temperature (max.)	650 °C
Pinch temperature (max.)	300 °C

## Product data

Full product code	871150020025915
Order product name	MASTERCcolour CDM-TD 150W/942 RX7s 1CT
EAN/UPC – product	8711500200259
Order code	20025915
Local order code	150CDMTD942
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928084805133
Copy Net Weight (Piece)	26.700 g
ILCOS code	MD/UB-150/942-H-RX7s-25/135.4

## Dimensional drawing

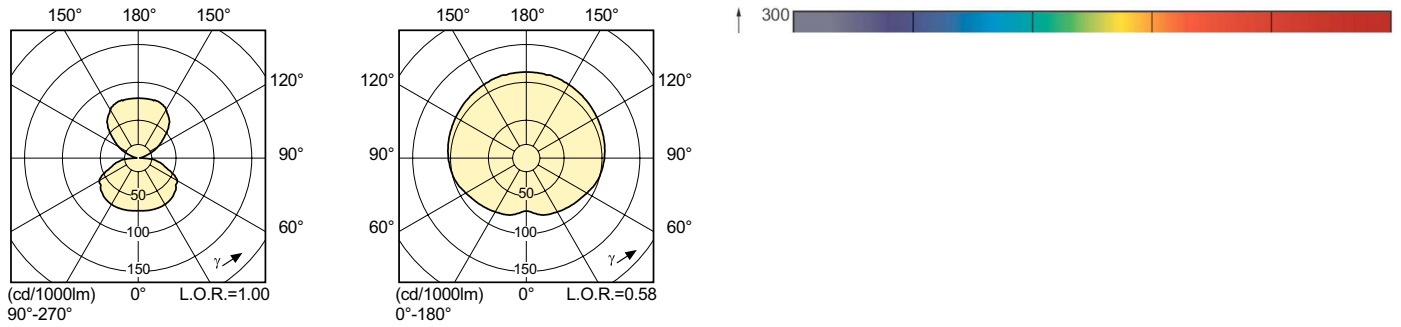


Product	D (max)	D O	C (max)
MASTERCcolour CDM-TD 150W/942 RX7s 1CT	22 mm	10 mm	137.43 mm

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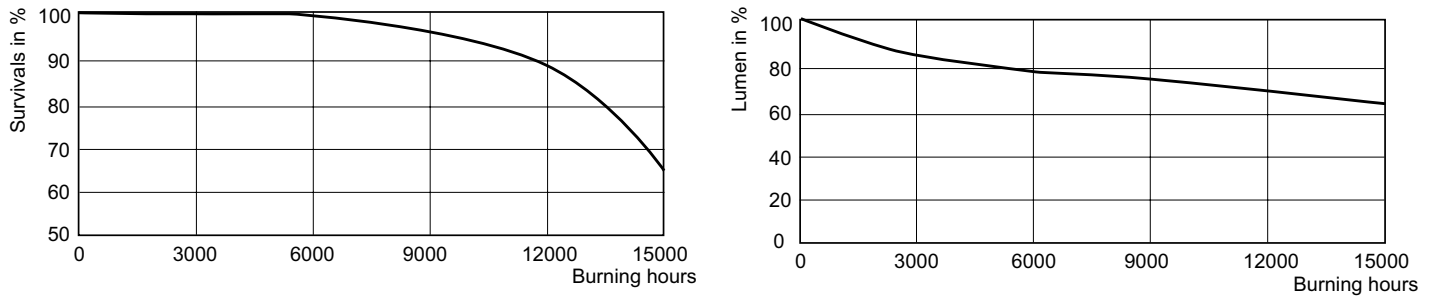
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## Photometric data



LDLD\_CDM-TD\_150W\_942-Light distribution diagram

## Lifetime



LDLM\_CDM-TD\_0001-Lumen maintenance diagram

