



# 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	
Cap base	RX7S [ RX7s]
Burning 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	M142/E
	Sphere
Light Technical	
Colour Code	942 [ CCT of 4,200 K]
Lamp Luminous Flux 25°C EL (Nom)	13650 lm
Lamp Luminous Flux (Nom)	13650 lm

Colour Designation	Cool White (CW)
Lumen maintenance 10,000 hours (nom.)	70 %
Lumen maintenance 2,000 hours (min.)	80 %
Lumen maintenance 2,000 hours (nom.)	90 %
Lumen maintenance 5,000 hours (min.)	75 %
Lumen maintenance 5,000 hours (nom.)	85 %
Chromaticity coordinate X (nom.)	0.371
Chromaticity coordinate Y (nom.)	0.366
Colour Temperature, horizontal (Nom)	4200 K
Lamp Luminous Efficacy EM (Nom)	90 lm/W
Colour Rendering Index,horiz (Nom)	96
Operating and Electrical	
Power (Rated) (Nom)	152.0 W

# MASTERCcolour CDM-TD

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
	473340

## 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	928084805133
SAP numerator – quantity per pack	1
Numerator – packs per outer box	12
SAP material	928084805133
SAP net weight (piece)	26.700 g
ILCOS code	MD/UB-150/942-H-RX7s-25/135.4

## Dimensional drawing

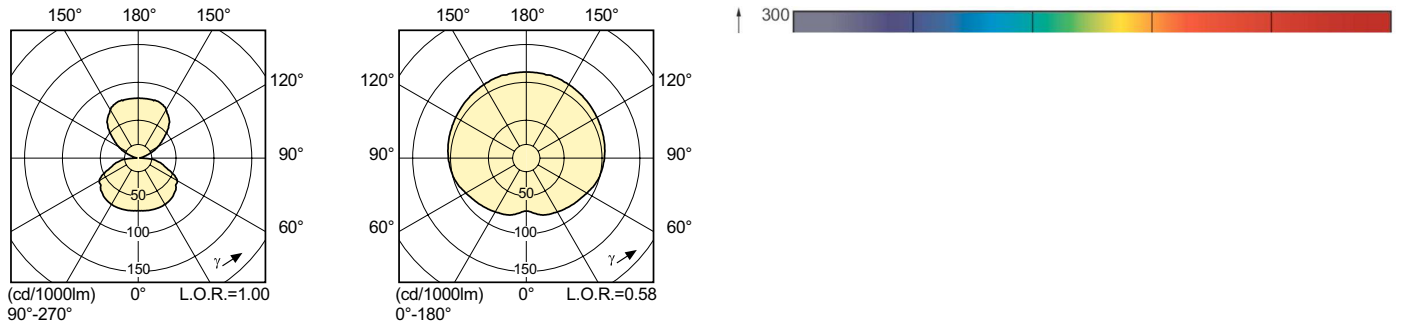


Product	D (max)	D O	C (max)
MASTERCcolour CDM-TD 150W/942 RX7s 1CT	22 mm	10 mm	137.43 mm

MASTERCcolour CDM-TD 150W/942 RX7s 1CT

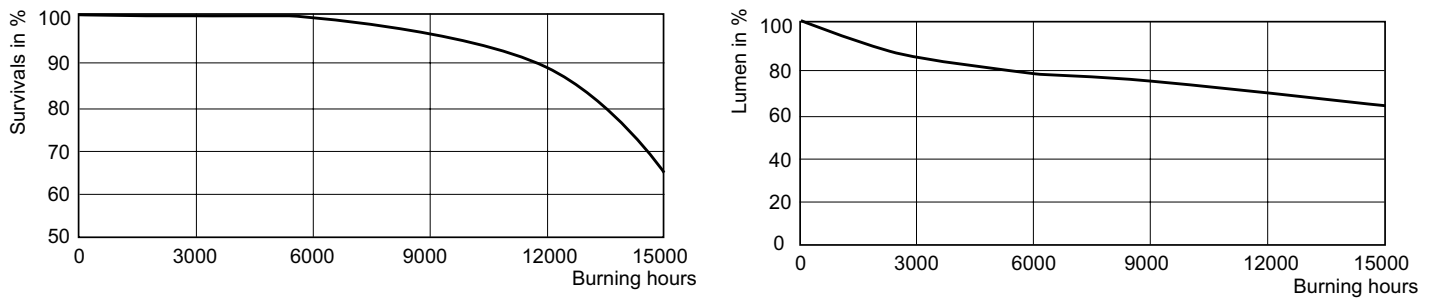
# MASTERCoulour CDM-TD

## Photometric data



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

## Lifetime



LDLM\_CDM-TD\_0001-Lumen maintenance diagram

