



# MASTERCcolour CDM-TD



## MASTERCcolour CDM-TD 150W/942 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]		Cool White (CW)
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)	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	M142/E	Chromaticity Coordinate X (Nom)	0.371
Flux measurement reference	Sphere	Chromaticity Coordinate Y (Nom)	0.366
		Correlated Color Temperature (Nom)	4200 K
		Luminous Efficacy (rated) (Nom)	90 lm/W
		Color Rendering Index (Nom)	96
Light technical		Operating and electrical	
Color Code	942 [ CCT of 4200K]	Power (Nom)	152.0 W
Luminous Flux (Nom)	13650 lm		
Luminous Flux (Rated) (Nom)	13650 lm		

# 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

Bulb 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/1000 h	152 kWh
EPREL Registration Number	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
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084805133
Net Weight (Piece)	26.700 g
ILCOS Code	MD/UB-150/942-H-RX7s-25/135.4

## Dimensional drawing

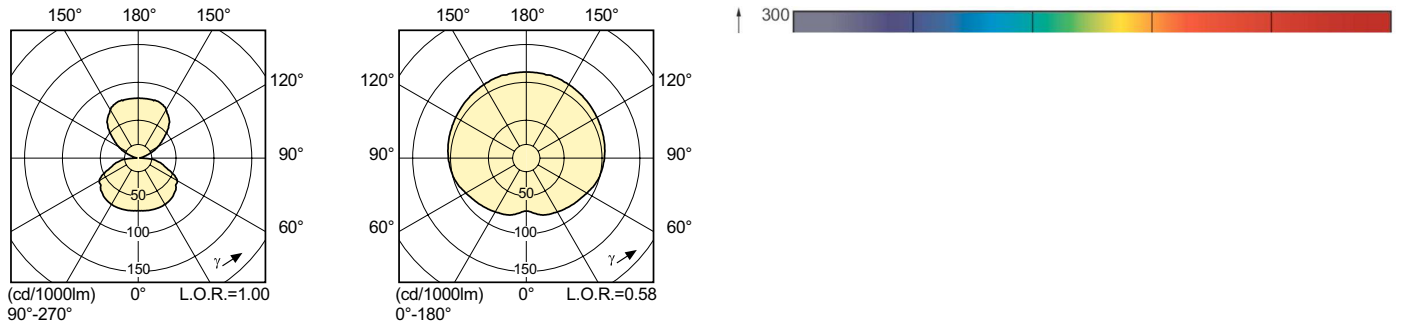


Product	D (max)	D O	C (max)
MASTERCcolour CDM-TD 150W/942 RX7s 1CT	22 mm	10 mm	137.43 mm

MASTERCcolour CDM-TD 150W/942 RX7s 1CT

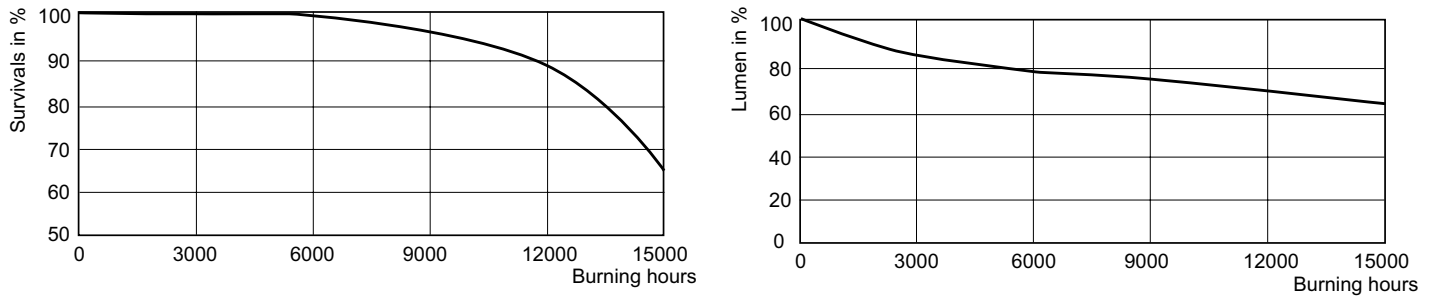
# MASTERCoulour CDM-TD

## Photometric data



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

## Lifetime



LDLM\_CDM-TD\_0001-Lumen maintenance diagram

