



# 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

### Product data

General Information	
Cap-Base	RX7S [ RX7s]
Operating 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	C139/E

Light Technical	
Color Code	830 [ CCT of 3000K]
Luminous Flux (Nom)	6000 lm
Luminous Flux (Rated) (Nom)	6000 lm
Color Designation	Warm White (WW)
Lumen Maintenance 10000 h (Nom)	70 %
Lumen Maintenance 2000 h (Min)	80 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Min)	70 %
Lumen Maintenance 5000 h (Nom)	80 %
Chromaticity Coordinate X (Nom)	0.443
Chromaticity Coordinate Y (Nom)	0.401
Correlated Color Temperature (Nom)	3000 K

Luminous Efficacy (rated) (Nom)	85 lm/W
Color Rendering Index (Min)	77
Color Rendering Index (Nom)	80

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

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## Mechanical and Housing

Bulb Finish Clear

## Approval and Application

Energy Efficiency Label (EEL) A  
 Mercury (Hg) Content (Nom) 3.4 mg  
 Energy Consumption kWh/1000 h 78 kWh

## 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

## Product Data

Full product code 871150019782515  
 Order product name MASTERCcolour CDM-TD 70W/830 RX7s 1CT/12  
 EAN/UPC - Product 8711500197825  
 Order code 928082205125  
 Numerator - Quantity Per Pack 1  
 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

## Warnings and Safety

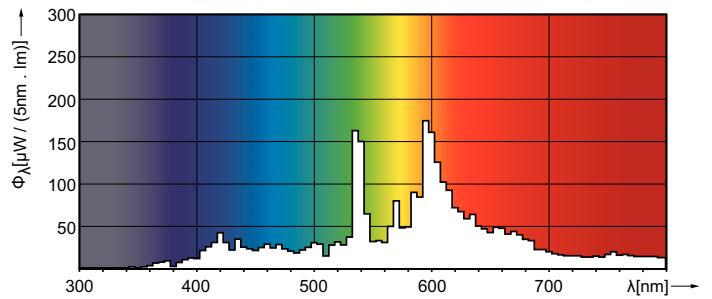
## Dimensional drawing



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

## CDM-TD 70W/830 RX7s

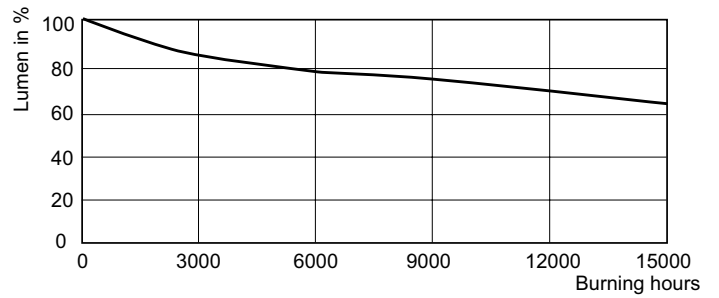
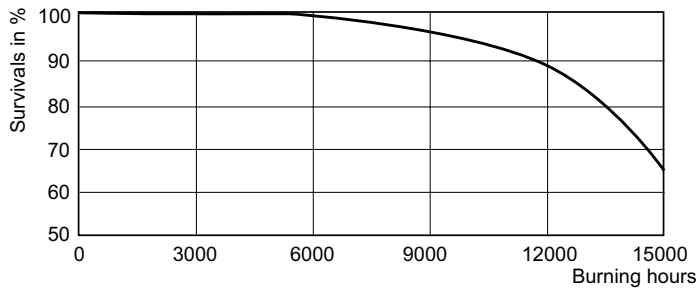
## Photometric data



LDPO\_CDM-TD\_830-Spectral power distribution Colour

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## Lifetime



LDLM\_CDM-TD\_0001-Lumen maintenance diagram

