

PHILIPS

Lighting



MASTERColour CDM-TD

MASTERColour CDM-TD 70W/942 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 [Horizontal +/- 45 D]
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	M139/E

Light Technical

Color Code	942 [CCT of 4200K]
Luminous Flux (Nom)	5600 lm
Luminous Flux (Rated) (Nom)	5450 lm
Color Designation	Cool White (CW)
Lumen Maintenance 10000 h (Nom)	60 %
Lumen Maintenance 2000 h (Min)	70 %
Lumen Maintenance 2000 h (Nom)	85 %
Lumen Maintenance 5000 h (Min)	60 %
Lumen Maintenance 5000 h (Nom)	70 %
Chromaticity Coordinate X (Nom)	0.383
Chromaticity Coordinate Y (Nom)	0.370
Correlated Color Temperature (Nom)	4200 K

Luminous Efficacy (rated) (Nom)	77 lm/W
Color Rendering Index (Min)	-
Color Rendering Index (Nom)	92

Operating and Electrical

Power (Rated) (Nom)	71.0 W
Lamp Current Run-Up (Max)	1.4 A
Lamp Current (EM) (Nom)	0.98 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)	98 V
Voltage (Min)	82 V
Voltage (Nom)	90 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)	4.8 mg
Energy Consumption kWh/1000 h	78 kWh

UV	
Pet (Niosh) (Min)	8 h/500lx
Damage Factor D/fc (Max)	0.4

Luminaire Design Requirements	
Bulb Temperature (Max)	500 °C

Pinch Temperature (Max)	280 °C
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Product Data	
Full product code	871150020002015
Order product name	MASTERCcolour CDM-TD 70W/942 RX7s 1CT/12
EAN/UPC - Product	8711500200020
Order code	928084705133
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	928084705133
Net Weight (Piece)	21.000 g
ILCOS Code	MD/UB-70/942-H-RX7s-22/117.6

Warnings and Safety

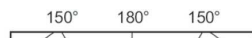
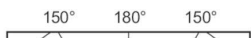
Dimensional drawing



Product	D (max)	D	O	C (max)
MASTERCcolour CDM-TD 70W/942 RX7s 1CT/12	22 mm	0.75 in	7 mm	119.63 mm

CDM-TD 70W/942 RX7s

Photometric data

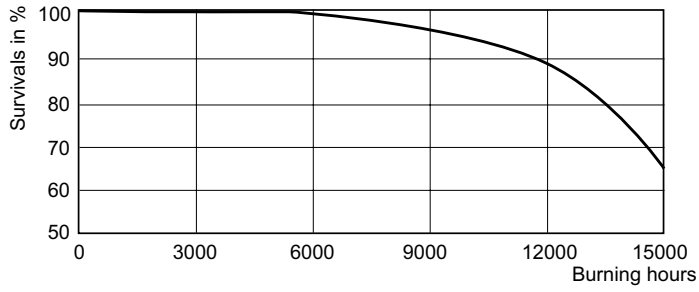


CDM-TD 70W /942

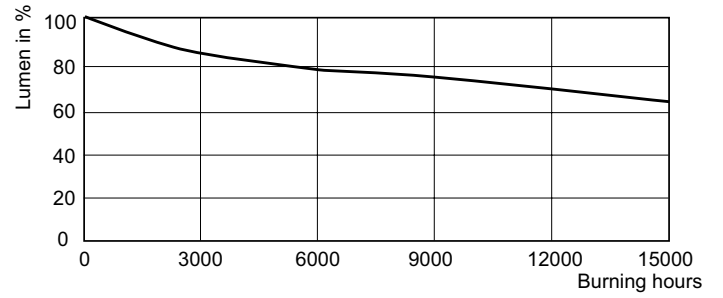
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Lifetime



CDM-TD Life Expectancy



CDM-TD Lumen Maintenance

