

# Lighting

**PHILIPS** 

## MHN-TD

#### MHN-TD 150W/730 RX7S 1CT/12

Double-ended quartz Metal-halide lamp

#### **Product data**

General Information		Lumineus Flux (Detect) (Mir)	12200 lm
		Luminous Flux (Rated) (Min)	12200 lm
Cap-Base	RX7S [ RX7s]	Luminous Flux (Rated) (Nom)	13800 lm
Operating Position	P45 [ Parallel +/-45D or Horizontal(HOR)]	Color Designation	Warm White (WW)
Life to 5% Failures (Min)	4000 h	Lumen Maintenance 10000 h (Min)	50 %
Life to 5% Failures (Nom)	5000 h	Lumen Maintenance 10000 h (Nom)	60 %
Life to 20% Failures (Min)	6500 h	Lumen Maintenance 2000 h (Min)	69 %
Life to 20% Failures (Nom)	8000 h	Lumen Maintenance 2000 h (Nom)	75 %
Life to 50% Failures (Min)	8500 h	Lumen Maintenance 5000 h (Min)	58 %
Life to 50% Failures (Nom)	10500 h	Lumen Maintenance 5000 h (Nom)	65 %
ANSI Code HID	M81/E	Chromaticity Coordinate X (Nom)	434
Footnotes HID 1	Color characteristics may vary somewhat from one	Chromaticity Coordinate Y (Nom)	400
	lamp type to another. Time should be allowed for	Correlated Color Temperature (Nom	<b>)</b> 3000 K
	the lamp to stabilize in color when it is turned on	Luminous Efficacy (Rated) (Min)	76 lm/W
	for the first time or if for any reason its operating	Luminous Efficacy (rated) (Nom)	87 lm/W
	position is changed. This may require several	Color Rendering Index (Nom)	70
	hours' operation, with more than one start. Lamp		
	color and output may change temporarily if the	Operating and Electrical	
	lamp is subjected to excess vibration or shock.	Power (Nom)	150.0 W
	Lamp color characteristics may change after long	Lamp Current Run-Up (Max)	2.4 A
	accumulate operating time.	Lamp Current (EM) (Nom)	1.8 A
Footnotes HID 2	Performance may not be satisfactory unless	Ignition Supply Voltage (Max)	198 V
	operated within specified operating positions.	Ignition Peak Voltage (Max)	5000 V
	(374)	Ignition Supply Voltage (Min)	198 V
		Ignition Peak Voltage (Min)	3500 V
Light Technical		Voltage (Max)	106 V
Color Code	730 [ CCT of 3000K]	Voltage (Min)	86 V

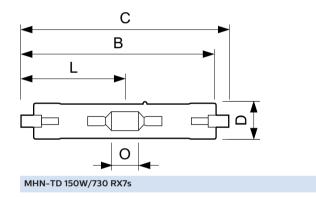
#### MHN-TD

Voltage (Nom)	96 V	
Controls and Dimming		
Dimmable	No	
Mechanical and Housing		
Bulb Finish	Clear	
Cap-Base Information	-	
Approval and Application		
Energy Efficiency Label (EEL)	A+	
Mercury (Hg) Content (Nom)	18 mg	
Energy Consumption kWh/1000 h	165 kWh	
Luminaire Design Requirements		
Bulb Temperature (Max)	650 ℃	

Pinch Temperature (Max)	280 °C	
Product Data		
Full product code	871150021102600	
Order product name	MHN-TD 150W/730 RX7S 1CT/12	
EAN/UPC - Product	8711500211026	
Order code	928482500093	
Numerator - Quantity Per Pack	1	
Numerator - Packs per outer box	12	
Material Nr. (12NC)	928482500093	
Net Weight (Piece)	0.030 kg	
ILCOS Code	MD/UB-150/730-H-RX7s-25/135.4	

#### Warnings and Safety

#### **Dimensional drawing**



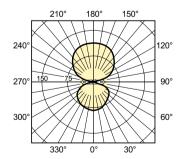
### MHN-TD 150W/730 RX7S 1CT/12 23.0 mm 0.89 in 17.8 mm 135.4 mm

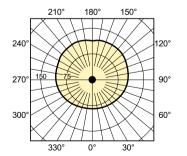
D (max) D

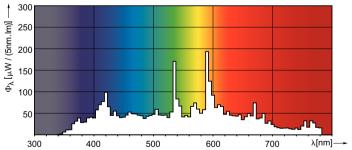
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C (max)

#### Photometric data







#### LDLD\_MHN-TD-Light distribution diagram

Product

MHN-TD



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