

Logistic Data

Article No.	32418878
Code	HRI-TS 70W/NDL/230/XLN/RX7S
Product EAN	4008597188787
Customs tariff no.	85393290
Box quantity (pcs.)	12
EAN Box	4008597488788
Gross weight of box in kg	0.41
Length of box in m	0.15
Width of box in m	0.12
Height of box in m	0.14
ETIM class	EC000037
ETIM class name	Halogen metal halide lamp
Product status	Active

Electric Parameters

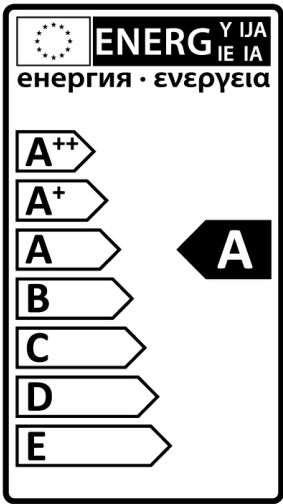
Lamp nominal wattage	70 W
Rated wattage	78.0 W
Energy Consumption kWh/1000h	85,8
Mains voltage	230 V
Ignition voltage	4.0 up to 5.0
Hot restrike voltage	35 kV
Lamp's nominal current	1 A
Nominal current (A)	0.95 A
Nominal choke current	1 A

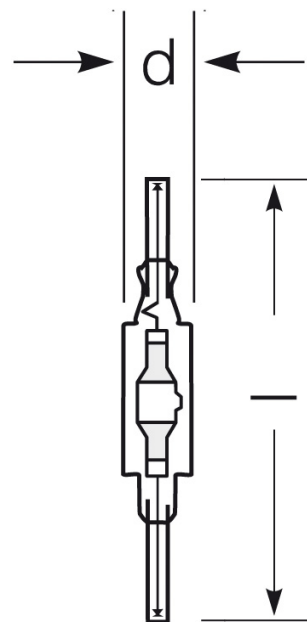
Light Application Parameters

Luminous flux	6500 lm
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Luminous efficiency	83.33 lm/W
Colour temperature	4200 K
Colour rendering index Ra	78

Service Life

Mean service life	12000 h
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Specification

Length max.	117 mm
Contact distance	114.2 mm
dimnable	No
Lamp shape	Tube, double-ended

Notes

Please, refer to www.radium.de/recycling for notes on disposal of burned-out lamps as well as lamp breakage.

The field 'info about service life' contains the frame conditions according to standards based on which the specific service life has been determined. So, for example, "12B50, 50Hz" means that the mean service life (B50) has been determined with a 12h switching cycle at mains (frequency 50Hz), "3B50, HF" is based on a 3h switching cycle at electronic control gear (high frequency).

Notes

Base



RX7s
IEC/EN 60061-1
sheet 7004-92A-4

Spectrum

Natural daylight is a mixture of direct sunlight and the light of the sky. Therefore, its spectral composition changes permanently due to the changing time of day. The standardised light classification D65 corresponds to a daylight with a colour temperature of approximately 6500 K.

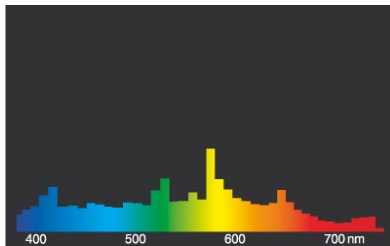
Every discharge lamp type has got an individual spectral power distribution according to its chemical filling. From this result important properties light colour or colour rendering.

Should the spectral lines be very close together the lamp presumably has got a very good colour rendering index, so, Ra might be near 100. Does the spectrum rather look like single lines or frayed out the colour rendering of the lamp will probably be not as good.

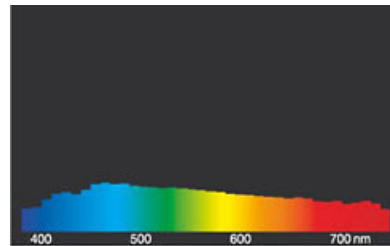
If number and height of the spectral lines within the blue range (around 400 nm) prevails it might be a lamp with a rather cold light colour like for example daylight. On the other hand, should the red (around 700 nm) or the red and yellow (around 600 nm) range be dominant one can assume that the lamp will be a rather warm light colour like WDL.

After the lamp start a metal halide lamp needs about 2-4 minutes time to reach its full luminous flux, all colours in the spectrum are within the discharge arc then.

Visible region from 380 to 780 nm; height of graph corresponding with relative spectral emission (400mW/klm) per 10nm.



HRI.../NDL



daylight(D 65)

Special features



General notes

The technical design data in accordance with DIN and IEC. The producer does not take any responsibility for damage to persons or property in case of unsuitable operation or handling of the product. Operating data and dimensions are valid within the usual tolerances. Related lamp types (different bases, mains voltages) may be available on request. Sale and delivery are effected in accordance with the Radium Terms of Delivery and Payment valid on the day of conclusion of contract. Packing units offer economical advantages to the purchase and logistic department. Please match your quantity volume accordingly. For orders of a minimum quantity (clefs) with a lamp model the amount lower than the volume of each packaging unit, we will invoice 10 % additional charge per lamp type. Technical changes and terms of delivery are reserved. Manipulation of any kind to packaging or product is not permissible as this will violate Radium brand rights. Furthermore, technical properties of the product can change to its disadvantage or even destruction. Therefore, Radium cannot be responsible for consequential damages.

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All technical data without guarantee.