

Metal Halide Lamp with Quartz Burner HRI-TS 70W/NDL/230/XLN/RX7S

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
Pieces per palett	8976
ETIM Class	EC000037
ETIM class name	Metal halide lamp without reflector

Electric Parameters

Lamp nominal wattage	70 W
Rated wattage	78.0 W

Light Application Parameters

Luminous flux	6500 lm
Luminous efficiency	83,33 lm/W
Colour temperature	4200 K
Colour rendering index Ra	85

Service Life

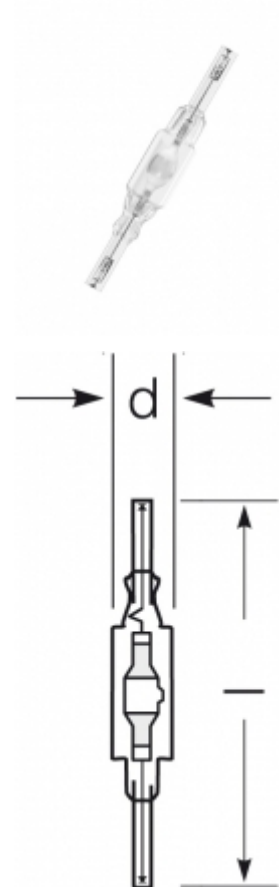
Mean service life	12000 h
Info about service life	12B50, 50Hz

Specification

Diameter max.	19 mm
Length max.	117 mm
Contact distance	114.2
Mercury content	9.0 mg

Miscellaneous

Brochure 1	Discharge lamps
Brochure 2	Climate protection
ILCOS name	MD/UB-70/840-H-RX7s
LBS name	HIT-DE-h45 70W/840 RX7s



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.

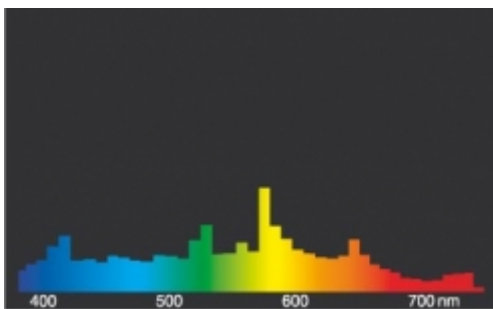
Every discharge lamp type has got an individual spectral power distribution according to its chemical filling. From this result important properties light colour or colour rendering.

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

Special features



Please, dump as special waste, **no ordinary household waste!**

- Disposal of used lamps from private households by municipal systems (civic amenity site, hazardous substance vehicle)
- Disposal of used lamps from large-scale consumers: collection by professional waste management companies like e.g. in Germany lightcycle (at the wholesaler's)

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. Subject to change without notice. Errors and omissions excepted. ® = Registered trademark

All technical data without guarantee.