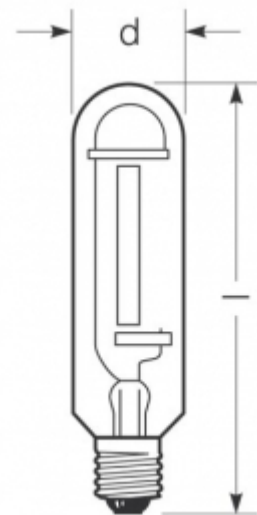


High Pressure Sodium Vapour Lamp RNP-T/LR 150W/S/230/E40

Logistic Data

Article No.	34410738
Code	RNP-T/LR 150W/S/230/E40
Product EAN	4008597107382
Customs tariff no.	85393220
Box quantity (pcs.)	12
EAN Box	4008597407383
Gross weight of box in kg	2.037
Length of box in m	0.2
Width of box in m	0.16
Height of box in m	0.25
Pieces per palett	1860
EAN Palett	4008597607387
ETIM Class	EC000821
ETIM class name	High pressure sodium lamp



Electric Parameters

Lamp nominal wattage	150 W
Rated wattage	150 W
Mains voltage	230
Ignition voltage	4
Supply frequency	50
Lamp's nominal current	1.8
Running up current max.	125%
Compensation capacitor	20

Light Application Parameters

Luminous flux	17500 lm
Luminous efficiency	116,67 lm/W
Colour temperature	2000 K
Colour rendering index Ra	25
Colour rendering group	20-39 (Klasse 4)
Mean luminance	520

Service Life

Mean service life	32000 h
Info about service life	12B50, 50Hz
Lamp survival factor at 2000h	0.99
Lamp survival factor at 4000h	0.99
Lamp survival factor at 6000h	0.98
Lamp survival factor at 8000h	0.97
Lamp survival factor at 12000h	0.96
Lamp survival factor at 16000h	0.95
Lamp survival factor at 20000h	0.93
Lumen maintenance at 2000h	0.98
Lumen maintenance at 4000h	0.97
Lumen maintenance at 6000h	0.96
Lumen maintenance at 8000h	0.95
Lumen maintenance at 12000h	0.94
Lumen maintenance at 16000h	0.94
Lumen maintenance at 20000h	0.94
Operation mode for LLMF/LSF	50 Hz

Specification

Diameter max.	47 mm
Length max.	210 mm
Controllable (in suitable circuit)	up to 50% (Run up at nominal power)
Mercury content	20.0 mg
Base	E40
Lamp shape	Tube, one base
Design	clear

Notes on Operation

Starter / Ignitor	external
Ignition assured down to about (°C)	-20 (with heated ignitor -50)
Operation with CCG (choke coil)	+
Re-ignition behaviour	After ca. 1 min. Cooling normal ignition possible
Burning position	h180

Miscellaneous

EU Directive	TIM
ILCOS name	ST-150-H-E40
LBS name	HST-x4 150W E 40

Notes:

High pressure sodium lamp

Notes

Base



E40
IEC/EN 60061-1
sheet 7004-24-6

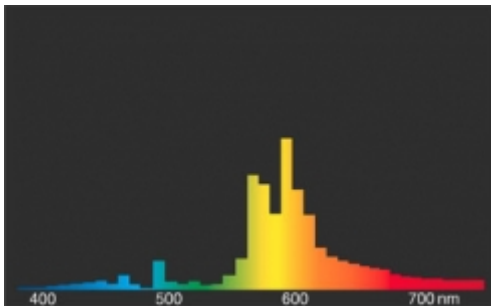
Spectrum

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. Sodium vapour lamps are very economic, due to the yellow light RNP lamps have got a high luminous efficiency but only modest colour rendering.

After the lamp start a high pressure sodium lamp needs about 6-10 minutes time to reach its full luminous flux.

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



RNP Standard/Super

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 (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.