Sodium lamp for horticulture
RNP-TS 1000W FloraSOL PLUS

Radium

Product Datasheet Date: 06.11.2026



10 000h

General Data

Article No.	34417677
Code	RNP-TS 1000W FloraSOL PLUS
Product EAN	4008597176776
Box quantitiy (pcs.)	6
EAN Box	4008597476778
Gross weight of box in kg	1.051
Length of box in m	0.43
Width of box in m	0.29
Height of box in m	0.07
Product weight	125 g
Product status	Inactive

Electric Parameters

Lamp power	1,020.0 W
Lamp's nominal current	4.5 A

Light Application Parameters

Lumen maintenance at 2000h	0.98
Lumen maintenance at 4000h	0.96

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Light Application Parameters

Lumen maintenance at 6000h	0.94
Lumen maintenance at 8000h	0.92
Lumen maintenance at 12000h	0.88

Service Life

Average life	10000 h
Lamp survival factor at 2000h	0.98
Lamp survival factor at 8000h	0.92
Lamp survival factor at 12000h	0.88

Specification

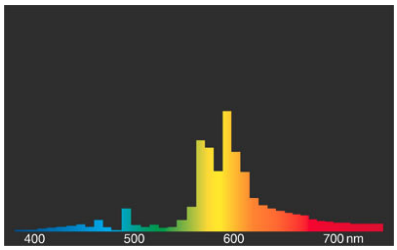
Diameter	38 mm
Total length max.	394 mm
Model	Clear

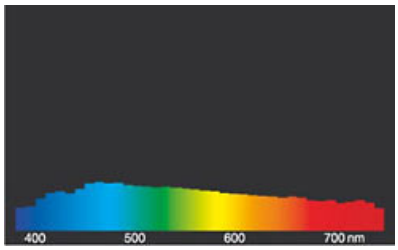
Notes

High pressure sodium lamp, tubular bulb clear, double ended. Operation with ballast and ignitor.

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).

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.





Special features



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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 (clefts) 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.