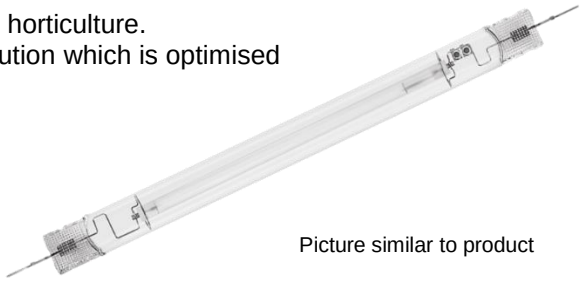
High Pressure Sodium Lamp – FloRaSol Plus

Technical Information

RNP-TS 1000W FloRaSol Plus

This Radium high pressure sodium lamp is a discharge lamp for horticulture.
It is especially suitable for plant growth due to its spectral distribution which is optimised for enhancing photosynthesis.



Picture similar to product

Main applications: Greenhouses

Notes at a glance:

- light for increasing plant growth
- higher yields in harvest of fruit, flowers and vegetables
- control over blossoming
- 95% photon flux maintenance at 10,000h

RNP lamps must be operated under the specified operating conditions with suitable control gear, only. This lamp does not need an enclosed luminaire for operation.

Technical Data:

Electrical parameters	
Lamp wattage:	1020 W
Mains voltage:	400 V
Nominal gear current:	4.5 A
Lamp current:	4.4 A
Lamp voltage:	230 V
Ignition voltage:	2.3 kVp
Operation mode:	HF ECG

Lifetime	
Service life min. (B10):	10,000 h
Rated LSF at 2000h:	0.98
Rated LSF at 4000h:	0.96
Rated LSF at 6000h:	0.94
Rated LSF at 8000h:	0.92
Rated LSF at 10000h:	0.90
Rated LSF at 12000h:	0.88

Photometric data	
Photon flux:	2100 µmol/s
Photon flux efficacy:	2.06 µmol/s/W
Rated MF* at 2000h:	0.99
Rated MF at 4000h:	0.98
Rated MF at 6000h:	0.97
Rated MF at 8000h:	0.96
Rated MF at 10000h:	0.95
Rated MF at 12000h:	0.93

Geometry & miscellaneous	
Hg content max.:	58.1 mg
Base:	K12 X30s
Length l max.:	394.0 mm
Diameter d max.:	38.0 mm
Light centre length (LCL):	195.0 mm
Product weight:	125.0 g
Max. permitted pinch temperature:	250 °C
Max. permitted bulb temperature:	700 °C
Burning position:	p15

*Rated MF: rated lamp photon maintenance factor with respect to initial value at 100h

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Information No. 6340-14-1219

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d max.	38.0	mm
LCL	195.0	mm

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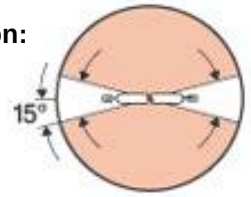
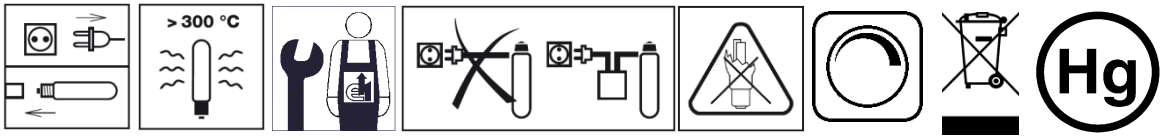
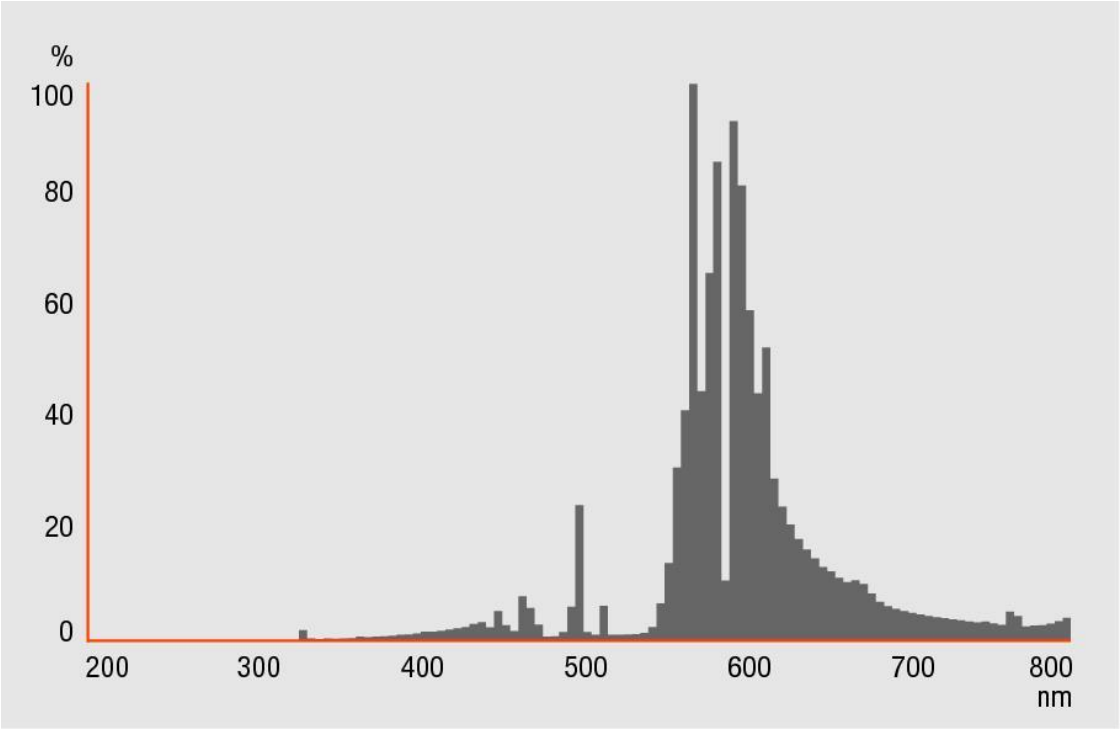


p15

Pictos:



Spectral power distribution:



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