

Lamp Holder for Spectrum Lamps

14.12.10

2830.50 Ae



The spectral lamp housing is supplied with a three pole connecting cable and must only be connected to the mains supply via the control transformer 2840.50.

The ventilation apertures must not be covered so that the air flow through the lamp housing is reduced. If proper ventilation is impeded, the temperature on the surface of the lamp housing can rise to over 100°C. The spectral lamp housing is supplied with a 9-pole Pico socket for Osram spectral lamps.

Lamp replacement:

Because it is easy to exchange spectral lamps, it is not necessary to have a separate housing for each lamp.

1. Remove the lamp housing cable from the control transformer, and wait a few minutes until the spectral lamp itself has cooled off.
2. Remove the two knurled screws on top of the lamp housing.
3. Push the lid and the forward cover screen upwards and remove it.
4. Carefully lift the spectral lamp out of the socket. The lamp can be warm. Therefore is a good idea to use a dry cloth or gloves when removing the lamp.

A new lamp can now be inserted following the above procedure in reverse order. When the lid and forward cover screen are replaced, be sure that the forward screen's two taps fit correctly into the holes in the lamp housing.

The spectral lamp is supplied with four rubber feet so that the lamp can be placed directly on a table.

The lamp housing is supplied with a screw tap on the back which makes it easy to mount the assembly using a standard 10 mm threaded rod.

Size: Width: 78 mm
Depth: 78 mm
Height: 225 mm
Mass: 1 kilogram

Osram Spectral Lamps

A powerful light source for producing line spectra or monochromatic light when used with the appropriate filters. Lamps with 9 pole Pico sockets with external gas glow head for visible spectral emission. Length: 100 mm. Diameter: 20 mm. For mounting inside spectral lamp housing no. 2830.50.

- 2835.00 Spectral Lamp Na-10
- 2835.20 Spectral Lamp Cd-10
- 2835.30 Spectral Lamp He-10
- 2835.40 Spectral Lamp Ne-10
- 2835.50 Spectral Lamp Zn-10
- 2836.10 Spectral Lamp Hg-100

