



## MICROSCOPE LAMPS – low voltage

Cat: LB2162-001 12V. 20W clear window

### DESCRIPTION:

The IEC **Low Voltage Microscope Lamps** are general purpose illuminators used for microscope or other laboratory work. Also useful for generating energy from solar cells. Normally the microscope lamp is used on the bench to top illuminate subjects under the microscope or to provide illumination into the mirror below the microscope stage.

The low voltage reflector lamp provides a very efficient light but runs quite cool and the ventilated housing remains cool. The lamp housing is designed to permit the passage of air to flow in through hidden slots in the underside and out through hidden slots in the upper surface. Air can pass but it does not permit the escape of light. The housing pivots on the simple stand so that the light beam can be pointed in any direction. The stand also assists to hold the two halves of the microscope housing together.

Cable is 1m long, terminated with stackable 4mm banana plugs, moulded to the cable.

### **LB2162-001 microscope lamp, 12V halogen**



**Physical size: housing: 120x65x65mm LxWxH**

**Weight: 0.3 kg**



**TO OPEN THE HOUSING:**

Take note of which way around the stand is fitted. With two hands, pull the metal stand legs apart so that they stretch from the pivot sockets on the sides of the housing.

The front window and the rear panel are now the only things holding the two halves of the housing gently together. The housing can be opened by pulling or gently prising the two halves of the housing apart.

The 12V. 20W reflector lamp is replaced in the normal way.

Reassemble the housing by reversing the above procedure but notice that the housing mouldings have small ribs that protrude from the inner face to retain the lamp and to prevent it from falling out of its socket.

**The lamp socket is the IEC designed socket of the same type as used on the 'Hodson' Light Box.**



**Spare Parts:**

**12V models:** Lamp: 12V, 20watt, reflector lamp PA2043-010

**Designed and manufactured in Australia**