

ESD Magnifying Lamps

TECHNICAL DATASHEET

BTL2

Optional Lens – Part – BTLL

Description

A slim-line ESD magnifying lamp. Suitable for use in Electrostatic Protected Areas and for use on workbenches where ESD sensitive devices are being handled. Improves contrast and reduces glare. ESD optional lens available on request for a shadow free illumination. The Daylight ESD Magnifying Lamp provides full protection against static electricity and electrostatic discharge (ESD). The COMPLETE lamp (Head, Lens, Joint & Arm) is grounded and has special static dissipative materials to smoothly take away static charges in a controlled manner, preventing any build up of static electricity which gives complete protection against ESD events. With bright 28w Daylight™ light and the 17.5cm (7") precision optical white glass lens, the lamp combines the latest innovations in lighting design. The Daylight(TM) energy saving tube ensures that you have plenty of comfortable daylight to work with and it has our Quick Lens Swap System(TM) so you can increase the magnification in seconds without any tools.



Compliant according to IEC-61340-1-5 International Standard

Magnifying Lamp Features

- Suitable for use in EPA (IEC 61340-5-1 and ANSI/ESD 20:20).
- For use on workstations where ESD sensitive devices are being handled.
- Powerful 28w Daylight™ energy saving tube (150w equiv.)
- 17.5cm/7" precision optical white glass lens to see more of your work (1.75X, 3 diopter).
- New head-joint to smoothly direct the light exactly where you need it.
- Flicker-free electronic ballast, work for longer in optimal comfort.
- High quality metal arm for optimal flexibility and durability.
- Quick Lens Swap System™, increase the magnification in seconds and without any tools.
- 4cm/1.5" precision optical white glass swing arm lens included (4.0X, 12 diopter).
- 13cm/5" precision optical white glass lens available separately (2.25X, 5 diopter).
- Solid lamp stem and sturdy metal clamp for your workstation.
- Practical lens cover to protect the lens from sun and dust.
- CE, RoHS and REACH compliant.
- Compliant according to IEC-61340-1-5 International Standard.

ESD Magnifying Lamps

TECHNICAL DATASHEET

BTL2

Optional Lens – Part – BTLL

Enclosed Packaging Features

- ⚡ 4cm/1.5" precision optical white glass swing arm lens included (4.0X, 12 diopter).
- ⚡ 28w energy saving daylight circular tube.
- ⚡ Instruction leaflet.

Physical Properties	Typical Values
Height	48cm (19 inches)
Weight	3.7kg (8 lbs)
Arm Length	95cm (37 1/2 inches)
Lens Diameter	17.5cm (7 inches)
Lens Magnification	3 Diopter (1.75 X) & 12Diopter (4X)
Light	28W (150W)
Light Source	Fluorescent
Lux output at 15cm (6")	3,120 Lux
Light Colour Temperature	6,500°K
Energy Consumption	28W
Product Colour	Black
Maximum Reach	128cm (50.4")
Cable Length	2.2m (86.6")
Extra Magnification	No
Lens Material	Glass