

Laser Beam Dump - 30mm

Product Description

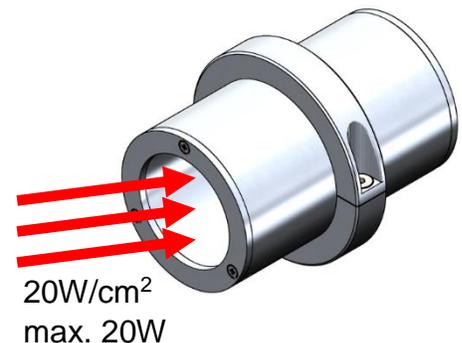
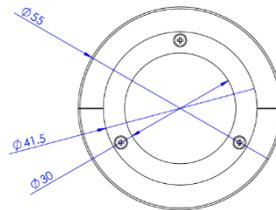
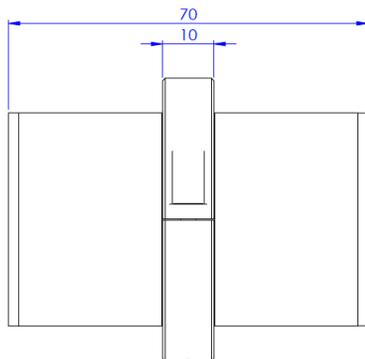
LBD-T-30 – Tube Laser Beam Dump for 30mm (1.1in) Beam, 0.1 μ m - 10 μ m

Increase safety and reduce the risk of laser damage by trapping the beam entered into the aperture.

Suitable for CW laser up to 10W/cm² and pulsed beams in wide wavelength range from EUV through VIS and up to LWIR.

Specifications

- ❖ Max. beam diameter [mm]: 30mm (1.1in)
- ❖ Reflectivity factor: <10⁻⁶
- ❖ Max. beam power density: 20W/cm² (max total power: 20W)
- ❖ Wavelengths range: 100nm - 10 μ m
- ❖ Mounting thread: M6 x 1.0
- ❖ **C-Mount (optional):** additional replacement ring with max. beam diameter of 24.7 (0.97")
- ❖ Material: aluminum
- ❖ Coating: Vacuum Black & Metal Velvet Foil
- ❖ Size (dia. x length): 41.5mm (1.6in) x 70mm (2.75in) (exclude mount)



Laser Beam Dump - 51mm

Product Description

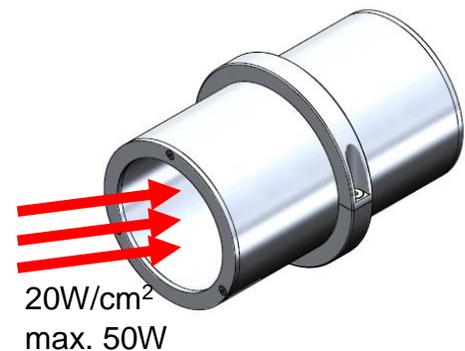
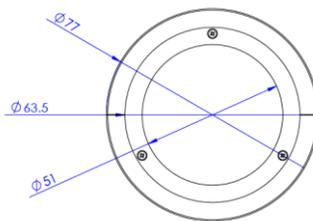
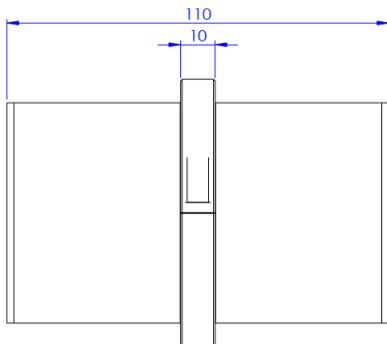
LBD-T-51 – Tube Laser Beam Dump for 51mm (2in) Beam, 0.1 μ m - 10 μ m

Increase safety and reduce the risk of laser damage by trapping the beam entered into the aperture.

Suitable for CW laser up to 10W/cm² and pulsed beams in wide wavelength range from EUV through VIS and up to LWIR.

Specifications

- ❖ Max. beam diameter [mm]: 51mm (2in)
- ❖ Reflectivity factor: $<10^{-6}$
- ❖ Max. beam power density: 20W/cm² (max total power: 50W)
- ❖ Wavelengths range: 100nm - 10 μ m
- ❖ Mounting thread: M6 x 1.0
- ❖ Material: aluminum
- ❖ Coating: Vacuum Black & Metal Velvet Foil
- ❖ Size (dia. x length): 63.5mm (2.5in) x 110mm (4.3in) (exclude mount)



Laser Beam Dump - 81mm

Product Description

LBD-F-81 – Flat Laser Beam Dump for 81mm (3.2in) Beam, 0.1 μ m - 10 μ m

Increase safety and reduce the risk of laser damage by trapping the beam entered into the aperture.

Suitable for CW laser up to 10W/cm² and pulsed beams in wide wavelength range from EUV through VIS and up to LWIR.

Unique thin design for systems with limited space.

Specifications

- ❖ Max. beam diameter [mm]: 81mm (3.2in)
- ❖ Max. beam power density: 20W/cm² (max total power: 50W)
- ❖ Wavelengths range: 100nm - 10 μ m
- ❖ Mounting thread: M6 x 1.0
- ❖ Cooling: air or fan cooled (M3 screwing on back side, fan not supplied)
- ❖ Material: aluminum
- ❖ Coating: Vacuum Black
- ❖ Size (Width x Height x Thickness): 92mm x 92mm x 10mm (3.6in x 3.6in x 0.39in)

