

SAFETY SHUTTER WITH DIODE POINTER

SSDP-19 SERIES

- **Fail Safe Design**
- **500W Power Handling Capability**
- **Available in Many Configurations**

The SSDP-19 Safety Shutters are fail-safe shutters designed to handle up to 500W. Gold plated liquid cooled reflecting shutter blade design.

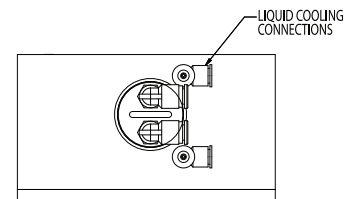
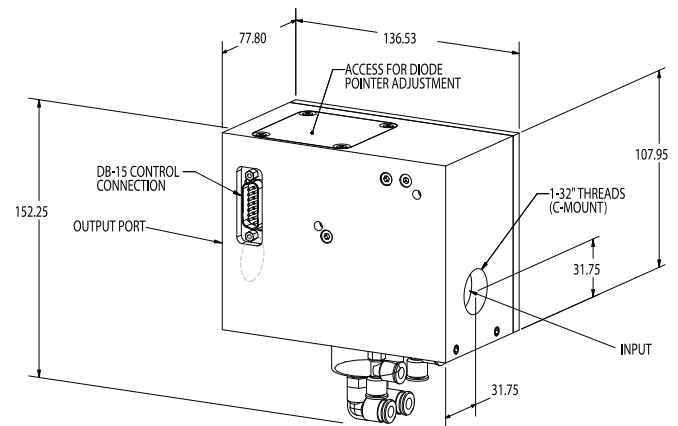
The blade is designed for fail-safe operation and is closed when power is off. When the shutter is closed, the laser beam is reflected off the shutter blade into the water-cooled beam dump. The replaceable beam dump surface can be ordered in several styles. Both mounting faces have 1"-32 female threads. The diode pointer option utilizes a 650nm diode laser with 1/4"-80 pitch adjustment screws. An independent, isolated mirror injects the diode pointing laser into the beam path when the shutter is closed.



SSDP-19-AU-BC-DDD Shown.

SSDP-19 Specifications

- 24VDC
- 35ms Maximum Response
- Standard Gold Plated Blade
- Optional Shutter Open Detection
- Optional Thermal Detection
- Liquid Cooled (50PSI Max)
- Replaceable Beam Dump Surface
- 1"-32 Mounting Thread (C-Mount)
- Optional Alignment Diode
- DB15 Connection for I/O
- Anodized Aluminum Construction
- 19mm Clear Aperture
- For use with SIU-100 Shutter Interlock Unit



Part Numbering Anatomy

