

Key Features

- Operating temp. -10°C to 50°C
- Power supply 7.5V
- Thermal dissipation up to 170W
- Weight: 1kg
- Storage temp. -40°C to 80°C
- Footprint: 319x240mm²
- Available handles for transportation
- Height with handles 85mm
- Mounting holes for Skyline

The **CYBEL IKARUS** is a forced air heat sink device for the Skyline series, either amplifiers and lasers. This module is designed for tabletop applications. It is an air cooling design that stabilizes the temperature of the Skyline and has a capacity to dissipate power up to 170W.

IKARUS consists of a heat sink, air unit, and power supply. The heat sink is made up of aluminum alloy (AL6063-T5) and has a straight fin-type structure. The air blowers have a rated power of 22 W and 4200 RPM and can be switched on or off.

IKARUS Heat sink also has dedicated holes for handles, this feature allows easy transportation for the Skyline module. All these features with a small impact in the footprint (319x240mm²).

Heat Sinks Series

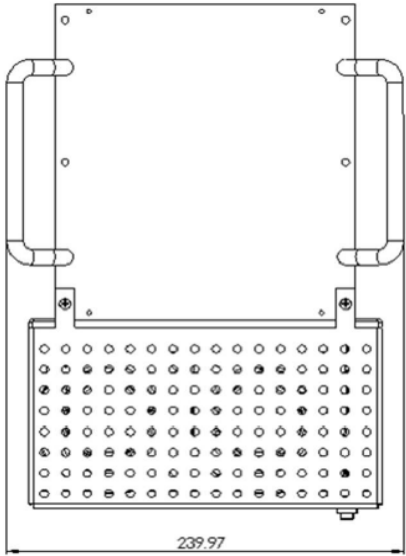
Also other heat sinks available for OEM MAKO and SKYLINE

- ◆ VORTEX-forced air
- ◆ POLAR-cold plate

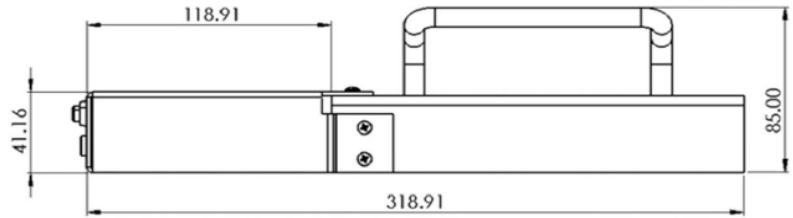


IKARUS Forced Air Heat Sink Module for OEM Skyline Aeries

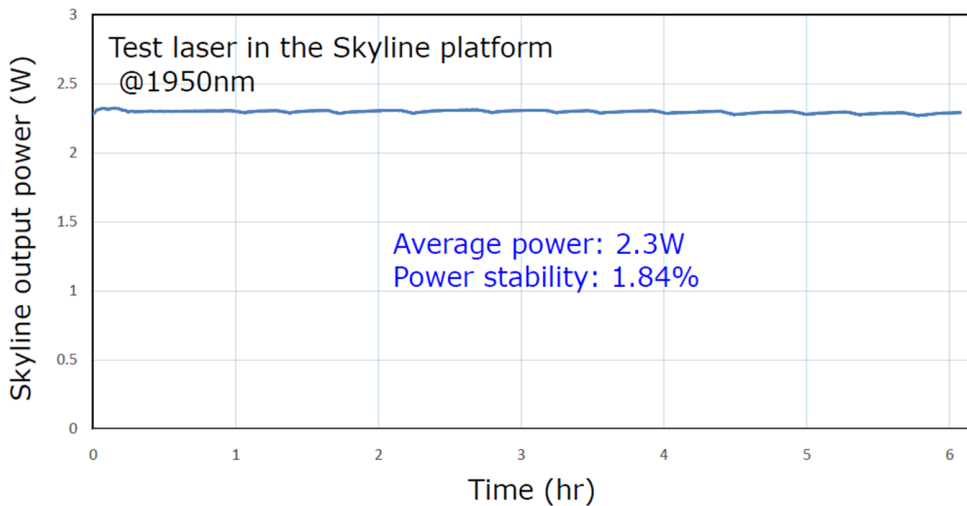
Mechanical dimensions of IKARUS



Top view



Side view



Skyline Laser 1950nm Power Stability vs. Time

CUSTOMIZATION

The **IKARUS** is a heat sink platform that can be customized to match Customers' specific requirements. Please contact Cybel.

COMPLIANCE with Regulatory Requirements: These OEM products are Class 4 lasers as designated by the Center for Device and Radiology Health (CDRH). As such they are intended only in integration into other equipment and do not comply with CDRH requirement. It is the customer responsibility for CDRH certification of the full system that incorporates this industrial laser.



1195 Pennsylvania Ave
Bethlehem, PA 18018
Phone: 610-691-7012

Sales: contact@cybel-llc.com

Website: www.cybel-llc.com