

## Key Features

- Cold plate for Skyline OEM
- AC power supply at 120 / 220 V
- Thermal power dissipation 300W
- Cooling temp. : 5°C to 35°C
- Temp. stability: +/- 0.1°C
- Coolant: water/glycol mix
- Cold plate weight: 25kg
- Chiller capacity: 4.5L
- Dimensions (L x W x H) 30.6 x 17.8 x 1.52 cm<sup>3</sup>

The **CYBEL POLAR** is a liquid cooling system designed for SKYLINE OEM amplifiers & lasers. The module consists of a cold plate, pipes and chiller. This system is generally used in cases where large heat as well as high power densities needs to be dissipated.

The **POLAR** module is designed for laboratory applications and uses distilled water or alcohol as a coolant. The operating temperatures of this system range from 5 to 35°C . When operated at 20°C , this module has a cooling capacity of 300W.

The **POLAR** is made up of extruded aluminum with fully buried copper tubes.

## Heat Sinks Series

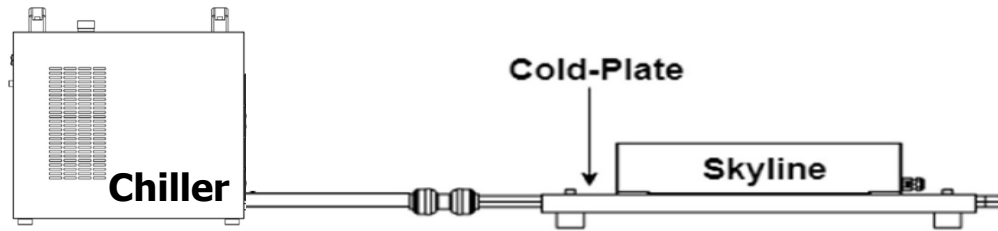
Also other heat sinks available for OEM MAKO and SKYLINE

- ◆ VORTEX-forced air
- ◆ IKARUS-forced air

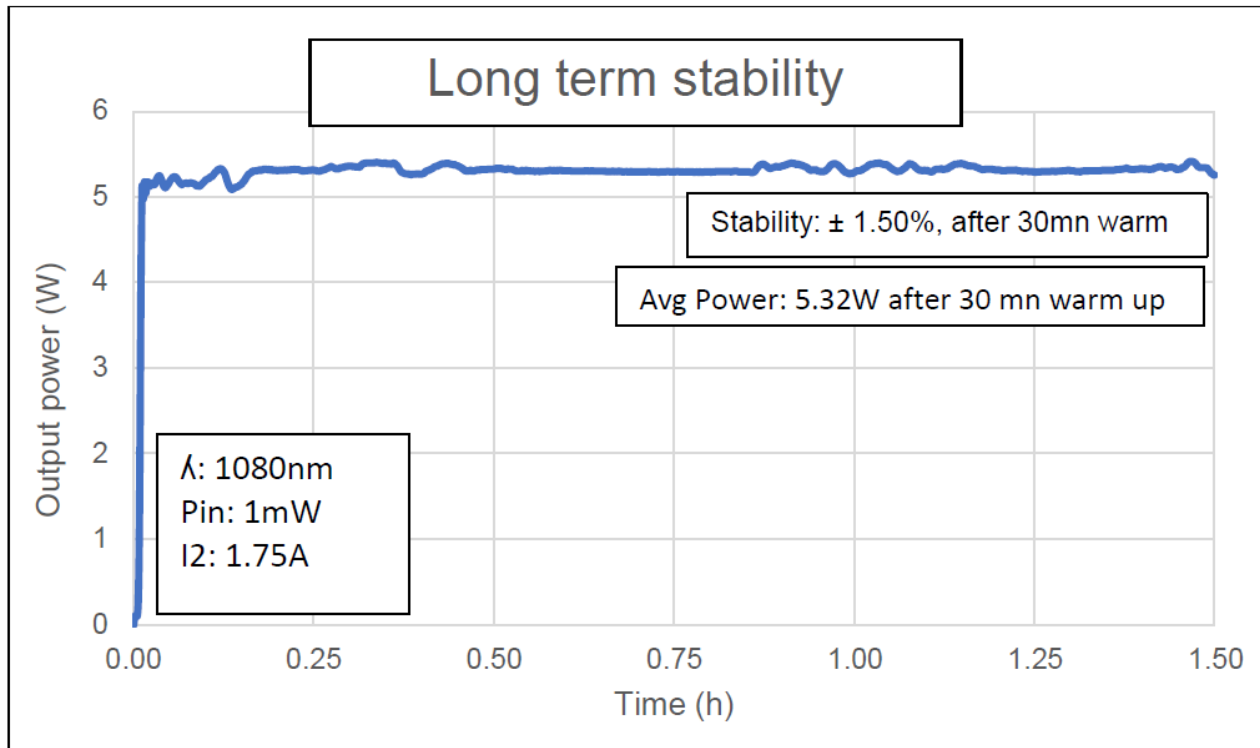


## POLAR Cold Plate for SKYLINE Module

# Mechanical view of POLAR



Side View



## 1080nm Skyline Amp Power Stability VS Time

### CUSTOMIZATION

The **POLAR** is a cold plate 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.

