

## Key Features

- Wide spectral range
- High output power
- Good spectral stability
- Compact
- Good performance cost ratio
- Highly reliable and durable

## Benchtop Casing



1550nm - CW

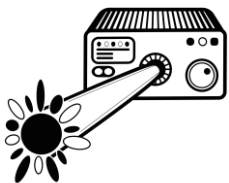
## Description

Amonics' Superluminescent Diodes (SLDs) are high output power, stable, incoherent broadband sources with wide wavelength coverage including 650nm, 680nm, 750nm, 800nm, 830nm, 950nm, 980nm, 1050nm, 1270nm, 1300nm, 1480nm, 1550nm, 1580nm, and 1620nm. To meet specific requirements, Amonics' SLD can be housed in both benchtop case and compact driver-ready module.

The benchtop version incorporates a user-friendly front panel housing with a LCD monitor display, key switch, power control knob and optical connectors. RS232 or Ethernet computer interface is also equipped.

The OEM module version is an ideal building block for OEM system integration, especially in fiber optic sensing and optical tomography applications. It requires a single +5V power supply only.

## Application



- Optical tomography
- Optical Gyroscope
- DWDM Component Characterization



- Fiber Optic Sensing



ISO 9001 : 2015

Certificate No.: CC 5346

Our product is manufactured under a HKQAA ISO 9001 certified quality management system. The ISO 9001:2015 certification applies to the Hong Kong production site only

## Specifications

Model	ASLD
Wavelength	650 to 1620 nm

\* SMF power and FWHM cover a wide range on each center wavelength. Customization is available. Please contact us on the required specifications.

## General Parameters

	Benchtop	Module
Operation Temperature	0 to 40 °C	0 to 40 °C
Storage Temperature	-10 to 70 °C	-10 to 70 °C
Power Supply	90 – 240 VAC, 47 – 63 Hz	5.0 ± 0.1 VDC
Dimensions	260(W) x 330(D) x 120(H) mm	100(W) x 120(D) x 18(H) mm
Electrical Connector	NA	14-pin MIL Socket
Protection	Pump laser (TEC) overheat	Pump laser (TEC) overheat
Optical Power Monitoring	Output power	Output power
Mechanical Safety Control	Key-lock switch, BNC interlock key	NA
Remote Control Port	RS232 / Ethernet	NA
Optical Connector	FC/APC, FC/UPC, SC/APC,SC/UPC	FC/APC, FC/UPC, SC/APC,SC/UPC
Optical Fiber	Single mode fiber	Single mode fiber

## Ordering Information

Product Code	ASLDaa-bbb-c-dd	aa : Wavelength in nm/10 bbb : Typical output power in mW*10 c : M for Module, B for Benchtop dd. : FA for FC/APC, FC for FC/UPC, SA for SC/APC, SC for SC/UPC
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Amonics undertakes continuous and intensive product development to ensure its product performance at the highest technical standards. As a result, the specifications in this document are subject to change without notice.

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