

## Key Features

- Wide spectral range > 400nm
- High output power
- Good spectral stability
- Compact
- Good performance cost ratio
- Highly reliable and durable

Benchtop Casing

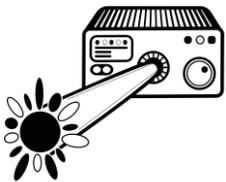


1550nm - CW

## Description

Amonics ALSD-CWDM super-wideband light source provides high spectral density, at above -30dBm/nm, across 1250nm to 1650nm. It is an ideal tool for simple characterization of CWDM components and communication links. This broadband source is also extremely effective in high resolution optical coherent tomography (OCT) applications. The benchtop super-wideband light source 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.

## 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-CWDM	ASLD-CWDM-EX
Output Power	Min. 10 mW	Min. 10 mW
Spectral Range	1250 nm to 1650 nm	1250 nm to 1700 nm
Min. Spectral Density	-30 dBm/nm	-30 dBm/nm
Output Stability	Max. $\pm 0.02$ dB (over 8 hrs), Max. $\pm 0.005$ dB (over 5 mins)	Max. $\pm 0.02$ dB (over 8 hrs), Max. $\pm 0.005$ dB (over 5 mins)

## General Parameters

	Value
Operation Temperature	0 to 40 °C
Storage Temperature	-10 to 70 °C
Power Supply	90 – 240 VAC, 47 – 63 Hz
Dimensions	260(W) x 330(D) x 120(H) mm
Protection	Pump laser (TEC) overheat
Optical Power Monitoring	Output power
Mechanical Safety Control	Key-lock switch, BNC interlock key
Remote Control Port	RS232 / Ethernet
Optical Connector	FC/APC, FC/UPC, SC/APC, SC/UPC
Optical Fiber	SMF-28 or PM 1550

## Ordering Information

Product Code	ASLD(-PM)-CWDM(-EX)-4-a-bb ASLD(-PM)-CWDM(-EX)-5-a-bb	a : M for Module, B for Benchtop bb : 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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