



ISO 9001 : 2008
Certificate No.: CC 5346

Amonics

超辐射发光二极管(SLD)宽带光源

应用

- 光纤传感
- 光学相干层析技术
- DWDM器件参数测试
- 光纤陀螺



描述

Amonics的SLDs具有高功率稳定性，宽波长覆盖面的不相干宽带光源，包括650nm,680nm,750nm,800nm,830nm,950nm,980nm,1050nm,1270nm,1300nm,1480nm,1550nm,1580nm,和1620nm。为了满足特定的需求，Amonics的SLD可以同时被安置在台式机和紧凑的模块中。台式版本配备一个安全钥匙开关、界面友好的LCD显示屏、一个功率调节控制钮，同时在背面板配有RS232接口或以太网接口。连续光输出的同时，可实现1MHz的强度调制输出。OEM模块版本则是OEM系统集成商理想的构件，尤其是光学传感集成商及光学相干层析技术应用集成商。

主要特点

- 光谱范围宽
- 1MHz强度调制
- 高输出功率
- 光谱稳定性良好
- 尺寸紧凑
- 性价比高
- 两年保修

SLD List

Product Code	Power in SMF (mW)		FWHM (nm)		Center Wavelength (nm)	Spectral Ripple (%)	
	Min.	Typ.	Min.	Typ.		Typ.	Max
ASLD65-002	0.1	0.2	5.0	6.0	650 ± 15	1.0	2.0
ASLD65-020	1	2	8	12	650 ± 10	2.3	4.5
ASLD68-010	1.0	1	7.0	8.5	675 ± 15	1.0	2.0
ASLD68-010	0.5	1	7.0	8.5	675 ± 15	1.0	2.0
ASLD68-010	0.5	1	7.0	8.5	680 ± 10	1.0	2.0
ASLD68-050	4	5	7	8	680 ± 15	2.0	5.0
ASLD68-050	4	5	7	8	675 ± 15	2.0	5.0
ASLD75-030	2	3	18	21	750 ± 20	2.3	4.5
ASLD75-050	3	5	10	15	750 ± 20	2.3	4.5
ASLD80-050	3	5	20	25	800 ± 20		6.7
ASLD82-075	5	7.5	57	62	840 ± 30	2.0	5.0
ASLD83-012	1.0	1.25	45	50	835 ± 15	1.0	2.0
ASLD83-030	1.5	3	15	20	830 ± 60	1.0	2.0
ASLD83-030	2	3	22	25	820 ± 20	2.3	4.5
ASLD83-050	3	5	22	25	820 ± 20	2.3	4.5
ASLD83-080	6	8	16	20	830 ± 10	3.4	6.7
ASLD83-100	7	10	13	18	820 ± 40	2.0	5.0
ASLD83-200	15	20	13	18	820 ± 40	2.0	5.0
ASLD83-300	22	30	10	14	820 ± 40	2.0	5.0
ASLD84-050	3	5	45	50	840 ± 10	2.3	6.7
ASLD84-050	3	5	45	48	840 ± 20	2.3	6.7
ASLD84-150	10	15	57	62	845 ± 15	2.0	5.0
ASLD85-050	3	5	50	55	855 ± 10	2.3	4.5
ASLD85-250	20	25	57	62	855 ± 15	2.0	5.0
ASLD86-040	3	4	60	65	860 ± 20	2.5	4.5
ASLD87-050	3	5	60	65	870 ± 10	2.3	6.7
ASLD88-050	3	5	60	65	880 ± 10	2.3	6.7

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SLD List

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	Min.	Typ.	Min.	Typ.		Typ.	Max.
ASLD88-070	4	7	50	60	880 ± 10	2.3	6.7
ASLD93-015	1.0	1.5	50	70	930 ± 20		2.0
ASLD93-035	3.0	3.5	60	70	930 ± 20	2.0	5.0
ASLD93-100	7.0	10.0	60	65	930 ± 20	2.0	5.0
ASLD96-100	7	10	25	35	960 ± 10	2.5	5.0
ASLD96-200	15	20	25	30	960 ± 10	2.5	5.0
ASLD96-300	22	30	25	30	960 ± 10	2.5	5.0
ASLD97-030	1.5	3.0		20	970 ± 10	1.0	2.0
ASLD100-040	2	4	90	100	1000 ± 20	3.4	6.7
ASLD102-020	1.25	2	100	110	1025 ± 15	2.0	5.0
ASLD102-020	5.0	2.0	95		1025 ± 15	2.0	5.0
ASLD102-020	1.25	2.0	100	110	1025 ± 15	2.0	5.0
ASLD102-100	5	10	100	105	1025 ± 15	2.0	5.0
ASLD104-015	1.0	1.5	50	70	1035 ± 15	2.0	5.0
ASLD104-015	1.0	1.5	50	70	1045 ± 15	2.0	5.0
ASLD104-050	4	5	20	35	1045 ± 15	2.0	5.0
ASLD105-050	4.0	5.0	20	35	1050 ± 20	2.0	5.0
ASLD105-100	7	10	25	30	1050 ± 10	2.0	5.0
ASLD105-200	15	20	30	35	1050 ± 10	2.0	5.0
ASLD105-300	22	30	30	35	1050 ± 10	2.0	5.0
ASLD105-100	5	10	25	30	1050 ± 10	2.0	5.0
ASLD105-200	15	20	30	35	1050 ± 10	2.0	5.0
ASLD105-300	15	30	30	35	1050 ± 10	2.0	5.0
ASLD118-010	0.75	1.0	25	30	1180 ± 15	2.0	5.0
ASLD118-010	0.75	1.0	25	30	1180 ± 10	2.0	5.0

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SLD List

Product Code	Power in SMF (mW)		FWHM (nm)		Center Wavelength (nm)	Spectral Ripple (%)	
	Min.	Typ.	Min.	Typ.		Typ.	Max.
ASLD127-080	5	8	30	35	1270 ± 20	3.4	6.7
ASLD127-200	15	20	25	30	1270 ± 20	3.4	6.7
ASLD128-010	0.75	1.0	60	70	1290 ± 40	2.0	5.0
ASLD130-005	0.35	0.5	30	40	1300 ± 30	2.0	5.0
ASLD130-010	0.75	1.0	30	40	1300 ± 30	2.0	5.0
ASLD130-015	1	1.5	55	60	1300 ± 20	2.3	4.5
ASLD130-020	1.5	2.0	30	40	1300 ± 30	2.0	5.0
ASLD130-050	3	5	30	35	1300 ± 30	2.5	5.0
ASLD130-080	5	8	35	40	1310 ± 20	3.4	6.7
ASLD130-100	7	10	30	35	1300 ± 30	2.5	5.0
ASLD130-200	18	20	50	55	1300 ± 20	3.4	6.7
ASLD130-300	15	20	55	60	1320 ± 20	3.4	6.7
ASLD130-250	18	25	40	45	1300 ± 20	3.4	6.7
ASLD131-080	5	8	35	40	1310 ± 20	3.5	7
ASLD132-200	15	20	55	60	1320 ± 20	3.5	7
ASLD138-020	1	2	40	50	1380 ± 20	3.5	7
ASLD139-003	0.25	0.35	75	85	1390 ± 20	1	2.5
ASLD139-020	1.5	2.0	60	65	1390 ± 20	2.5	5.0
ASLD139-080	5	8	30	40	1390 ± 20	3.5	7
ASLD144-050	0.35	0.5	40	45	1525 ± 85	2.0	5.0
ASLD148-010	0.6	1	50	60	1480 ± 20	2.3	4.5
ASLD148-080	5	8	35	40	1470 ± 20	3.4	6.7
ASLD148-150	10	15	35	40	1480 ± 20	4.5	8.8
ASLD152-010	0.75	1.0	40	55	1525 ± 85	2.0	5.0
ASLD155-025	1	2	50	60	1550 ± 20	2.3	4.5
ASLD155-100	7	10	55	65	1550 ± 20	3.4	6.7
ASLD158-200	15	20	57	65	1580 ± 20	3.4	6.7
ASLD160-150	10	15	40	50	1620 ± 20	4.5	8.8
ASLD161-020	1.5	2.0	40	70	1585 ± 20	2.0	5.0
ASLD162-150	10	15	40	50	1620 ± 20	4.5	9

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一般环境参数

参数	单位	台式	模块
操作温度范围	°C	0 to 40	0 to +60
存储温度范围	°C	-10 to 70	-10 to +70
供电	V	80 – 240VAC, 43 – 63Hz	5.0VDC
尺寸	mm	260(W) x 330(L) x 120(H)	100(W) x 120(L) x 18(H)
接线盒	-	NA	14-pin MIL Socket
保护	-	SLD 过热警报	SLD 过热警报
液晶显示	-	输出功率 (mW)	NA
控制	-	钥匙锁定开关, 输出功率	NA
计算机接口	-	RS232 / Ethernet	NA
光学连接器	-	FC/APC, FC/UPC, SC/APC, SC/UPC	
光纤	-	Single mode fiber	

选项

- 1MHz强度调制
- 保偏光纤耦合
- 输出隔离器
- 输入功率监控
- 台式或19"机架式



订购信息

产品型号	ASLD-xx-yyy-a-bb	xx: 波长 yyy: 输出功率(mW) a : M - 模块式, B - 台式 Bb: FA - FC/APC, FC - FC/UPC SA - SC/APC, SC - SC/UPC
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