Opto-Link
Corporation Ltd

# SLED Benchtop

## (Central Wavelength: 820nm~860nm)

Opto-Link's superluminescent light emitting diodes (SLED) light source series cover various choices of wavelength from 820nm to 860nm. The equipment features high output power, flat and low rippled spectrum with excellent stability. The light sources have a wide range of applications from fiber optic communications to medical applications.

## Applications

- Fiber Amplifiers
- Fiber Optic Sensors
- Components Testing
- Instrumentation
- Fiber Optic Gyroscope
- Fiber Optic Communications
- Optical Coherence Tomography (OCT)
- Biomedical Imaging Device

## Features

- High Power (up to 25mW)
- Broad Spectral Width
- Overheating Warning
- EMC Protection


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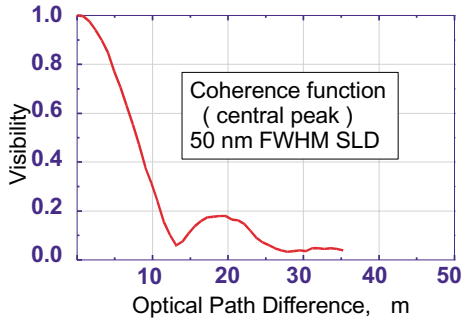
# SPECIFICATIONS

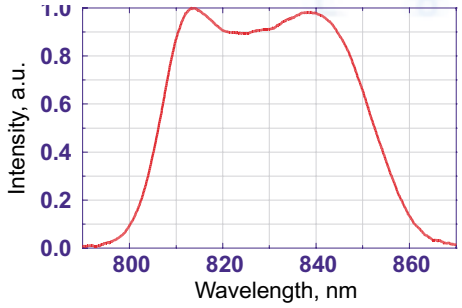
## Benchtop SLD 840nm Series

| Parameter | | MP | HP1 | HP2 | HP3 |
|---|---|---|---|---|---|
| | Min. | 820 | 820 | 820 | 820 |
| Central Wavelength (nm) | Typ. | 835 | 840 | 840 | 840 |
| | Max | 850 | 860 | 860 | 860 |
| Spectrum FWHM (nm) | Typ | 50 | 50 | 50 | 50 |
| Output Power (mW) | Typ | 1.25 | 7.5 | 15 | 25 |

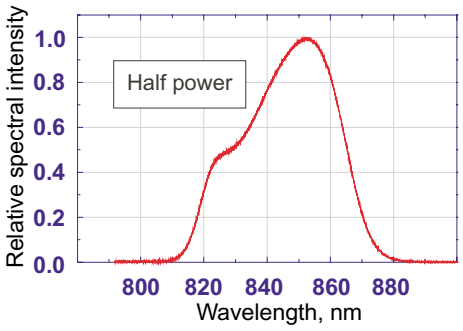
(* Typical value is not guaranteed if not specially requested. )

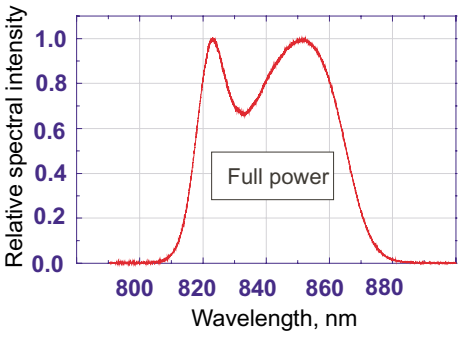
## The characteristic of SLD 840nm MP Series




## The characteristic of SLD 840nm HP Series




| Environment | | Controls and Monitoring | | Output | |
|---|---|---|---|---|---|
| Operating temperature range | -10 °C to 70 °C | Displays | Optical output power | Output fiber | SMF |
| Storage temperature | -30 °C to 70 °C | Controls | Power adjustment, Keylock switch, Optical output power | Output connector | FC/APC |
| Power supply | 110/230 V 50/60 Hz | Alarms | Pump overheating warning | Computer Interface | RS232 (optional) |

# ORDERING CODES

OLSLD – 84 – [ ]

| Power Level | Code |
|---|---|
| MP | MP |
| HP1 | HP1 |
| HP2 | HP2 |
| HP3 | HP3 |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