

## Features

- \* Wide spectral range
- \* Highly reliable and stable
- \* RS-232 interface for local supervision

## Applications

- \* Optical test instrument
- \* Fiber-optical sensing
- \* Optical coherent tomography

## Description

**GIP Technology** SLD Broadband Light Source Unit (LIS-BLS-00-00-U) is the broadband light source with high spectral density and excellent stability. They are ideal for the applications of fiber optical gyroscope, optical test instrument, fiber-optical sensing, and optical coherent tomography.

In addition, these units also provide a user-friendly status monitoring via an LCD display, LED indicators, and various communication interfaces (RS232).



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## Specifications

Optical Information		Unit	Description
Central wavelength* <sup>1</sup>		nm	840,960,1050,1280, 1310, 1480, 1550, 1620
Total power	Typ.	mW	8
Bandwidth (FWHM)	Typ.	nm	30
Output stability	Max.	dB	0.005* <sup>2</sup>
			0.02* <sup>3</sup>
Fiber type			SMF
Connector			SC or FC
Electrical Information			
Operating voltage		Volt	100 ~ 240 VAC
ON/OFF switch			Key type
Environmental Information			
Operating ambient temperature		°C	0 ~ 40
Storage temperature		°C	-40 ~ 85
Relative humidity (non-condense)		%	5 ~ 85 (operating)
Mechanical Information			
Dimension		mm	250 x 390 x 100

\*1: Other wavelength are available

\*2: @25°C, 5 minutes after 30 minutes warm up

\*3: @25°C, 8 hours after 30 minutes warm up