

# ASE-0850-02

## ASE Light Source

### Specifications



Distribution in the UK & Ireland



**Characterisation,  
Measurement &  
Analysis**

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• Standard Specifications

Product No.	ASE-0850-02
Total Output Power	$\geq +3\text{dBm}$ ( $\geq 2\text{ mW}$ )
Wavelength	850nm-Band
Spectral Power Density	$\geq -20\text{ dBm/nm}$ ( $\geq 0.001\text{ mW/nm}$ ) @ 840nm to 853nm
Output Power Stability	$\leq \pm 0.01\text{dB}$ ( typical : $\leq \pm 0.001\text{dB}$ ) *1
Output Fiber	Corning HI780
Optical Connector	FC- PC
Size	88(H) × 260(W) × 350(D) *2
Weight	$\leq 5\text{ kg}$
Operation Temperature	0 to 40 °C
Storage Temperature	-10 to 60 °C
Power Supply	AC 100 to 240V (50/60Hz)
Laser Class (Maximum Output Power)	Class 3R Laser product ( $\leq 3\text{ mW}$ )

\*1: 15 minute after 1hour warm-up

\*2: Not including protrusions

• Option

Option 012	FC / Angled PC optical connector
Option 013	SC / PC optical connector
Option 014	SC / Angled PC optical connector

• Standard Included Items

This instrument	1 pcs
Power cord	1 pcs
Spare fuse	1 pcs (stored in the fuse box of the AC inlet)
Specifications (by these presents)	1 copy (Booklet or CD-ROM)
Operation Manual	1 copy (Booklet or CD-ROM)
Final Test Inspection Record	1 copy

## • Preparations before Use

This machine is warranted from any failure in normal operation as the machine is fully inspected mechanically and electrically before shipment from the factory. As soon as you receive the cargo, unpack and make certain that the machine is not damaged in transit.

### 1. Included Items

Check the standard included items list. If any missing items are found upon inspection, contact us immediately. We recommend that the carton box and the inner corrugated boards should be kept with care to avoid damage in case of reuse for transfer to another location.

### 2. Acceptance Inspection

#### (1) Mechanical movement check

As to external appearance, movement of the switch, the pump on button, the adjust dial, and connectors, carry out inspection under the condition of being the power supply off to look for possible damage or trouble caused in transit.

#### (2) Operation check

When no trouble is found upon mechanical movement check, carry out operation test to check functions, followed by the instructions of Operation Manual.

#### (3) Upon finding damage or anomalies

If, during acceptance inspection, damage to the machine or anomalies in connection with the specifications is found, contact us immediately with details of the trouble.

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