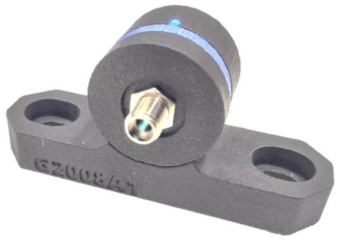

Ossila G2008 UV Light Source User Manual

UV LIGHT SOURCE
USER MANUAL

Contents

G2008 UV Light Source

Manual version: 1.0.A
Product code: G2008
Product Version: 1.0
Broadband White Light Source

Overview

Ossila's USB powered UV light source is a simple and flexible light source for steady-state spectroscopy applications. It can be used in conjunction with a spectrometer to perform fluorescence measurements.
Key features

- UV emission (360 nm – 370 nm approx.)
- LED source for stable output
- USB powered
- Compact design

EU Declaration of Conformity

We
Company Name: Ossila BV
Postal Address: Biopartner 3 building, Galileiweg 8
Postcode: 2333 BD Leiden
Country: The Netherlands
Telephone number: +31 (0)71 3322992
Email Address: info@ossila.com
declare that the DoC is issued under our sole responsibility and belongs to the following product:
Product: UV White Light Source (G2008A1)
Serial number: G2008A1- xxxx
Object of declaration:
UV Light Source (G2008A1)
The object of declaration described above is in conformity with the relevant Union harmonization legislation:
EMC Directive 2014/30/EU
RoHS Directive 2011/65/EU
Signed:

Name: Dr James Kingsley
Place: Leiden
Date: 29/11/2021

Safety

3.1 Warning

The Ossila UV Light Source is classified as being in Risk Group 2 (Moderate Risk) under the IEC/EN 62471 (Photobiological Safety of Lamps and Lamp Systems) Standard for actinic UV skin & eye hazard. The maximum permissible exposure time is 2400 seconds. Do not look directly into the source. Avoid skin and eye exposure.
RISK GROUP 2

Caution
Possibly hazardous optical radiation emitted from this product. Do not stare at operating lamp. May be harmful to the eye.

3.2 Use of Equipment

The Ossila UV Light is designed to be used as instructed. It is intended for use under the following conditions:

- Indoors in a laboratory environment (Pollution Degree 2).
- Altitudes up to 2000m.

- Temperatures of 5°C to 40°C; maximum relative humidity of 80% up to 31°C.

3.3 Servicing

If servicing is required, please return the unit to Ossila Ltd. The warranty will be invalidated if:

- Modification or service has taken place by anyone other than an Ossila engineer.
- The Unit has been subjected to chemical damage through improper use.
- The Unit has been operated outside the usage parameters stated in the user documentation associated with the Unit.
- The Unit has been rendered inoperable through accident, misuse, contamination, improper maintenance, modification, or other external causes.

Unpacking

4.1 Packing List

The standard items included with the Ossila UV Light are:

- Ossila UV Light.
- USB type-C cable.

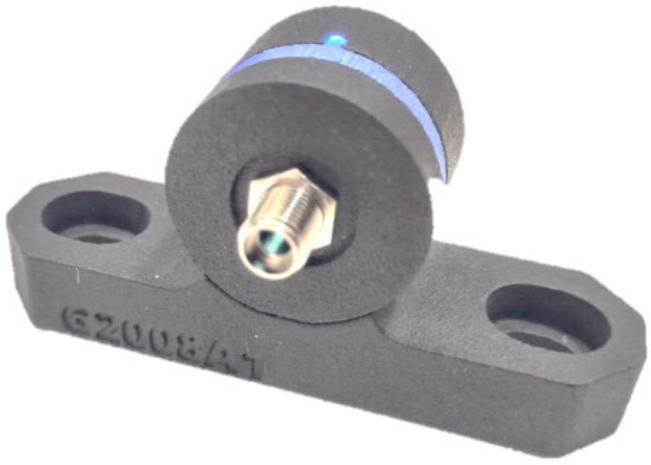

Figure 4.1. Ossila UV Light.

Figure 4.2. USB type-A to type-C cable.

4.2 Damage Inspection

Examine the components for evidence of shipping damage. If damage has occurred, please contact Ossila directly for further action.

Operation

The Ossila UV Light is powered by a USB type-C cable supplying 5 V at 100 mA. Any PC USB port or plug socket USB adapter can power the device. The source will turn on when the USB cable is plugged into the USB port on the rear of the device. A SMA905 optical fiber can be connected to the output port of the device. A blue indictor

LED on the top of the unit will turn on while the system is powered. Do not look into the front of the device or expose any skin to the front of the device while the system is powered.

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Documents / Resources

	Ossila G2008 UV Light Source [pdf] User Manual G2008 UV Light Source, G2008, UV Light Source, Light Source

References

- Lab Equipment, Chemicals & Supplies for Materials Science | Ossila
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