



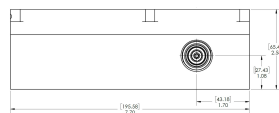
UltraBright Spectrometer

Your spectrometer would work great if you had 100X the light. Problem solved. Introducing the UltraBright Spectrometers from LightMachinery. No slit, just a giant aperture and a huge field of view. Boom. Spectrum. Done

These spectrometers are ideal when you are looking at **an extended or distant source** (not a 10 micron spot). Now you can collect a lot of light and not worry about trying to convince it to pass through a tiny slit. We have listed here a few of the wavelength range and resolution models but many variations with more or less range and resolution are simple for us to make so let us know what you need, we are happy to help.

Features

- Resolution: sub 0.5nm at 532nm
- Acquisition and processing speed: >10 Hz
- Greater than 1 degree field of view is typical



| Part Number | Spectral Region | Wavelength Range (nm) | Resolution (nm) |
|-------------|-----------------|------------------------------------|-----------------|
| UB-10559 | UV (LIBS) | 220 - 340 | 0.3 |
| UB-10979 | VIS | 400 - 590 | 0.3 |
| UB-11840 | VIS | 430 - 630 | 1.0 |
| UB-11063 | VIS | 532 - 600 | 0.1 |
| UB-10849 | VIS | 590 - 750 | 0.5 |
| UB-11004 | VIS/IR | 750 - 1000 | 0.5 |
| UB-xxxxx | UV-VIS-IR | Custom - let us know what you need | x.x |