

XLlogger

Light Sensor

XLS1033



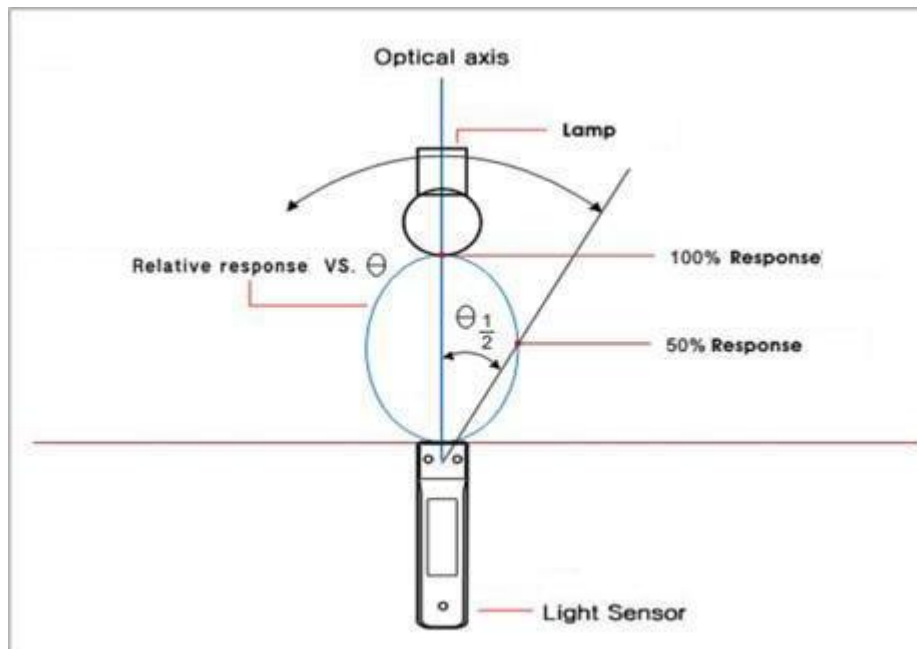
Technical Specifications

Range: 0 – 15,000 Lux

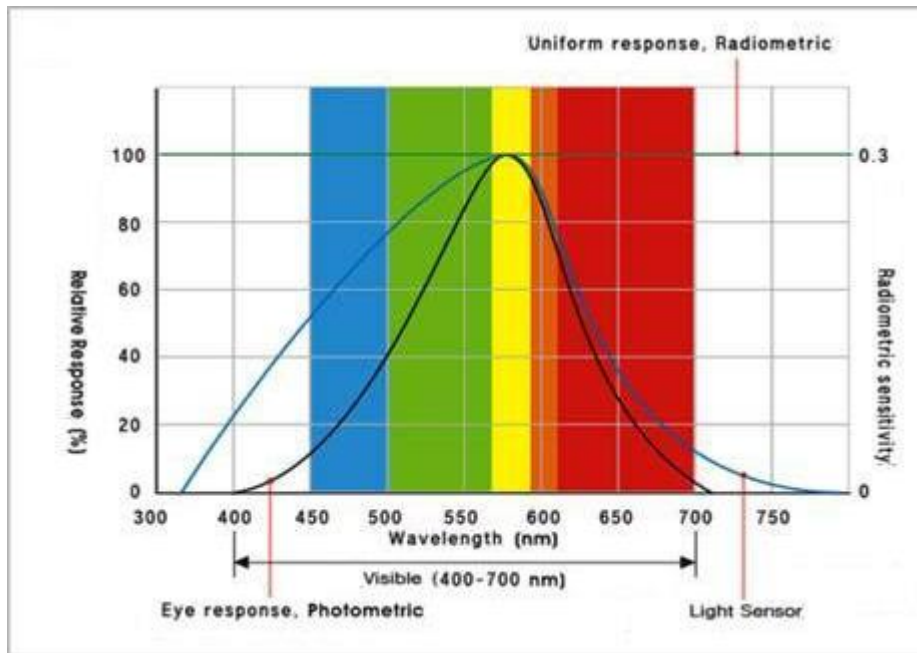
Sensitivity Range Wavelength: 330nm – 720nm

Maximum Sensitivity Wavelength: 580nm

Light Sensor Response Field:



Response Curves for the Eye and the Light Sensor:



Instructions

- For accurate measurements ensure the light source is in line with the optical axis of the light sensor.
- Do not point the light sensor directly at the sun without using a strong light-reducing filter, preferably dark red.
- Standard safety precautions for light experiments should be taken when using the light sensor. Students should be reminded not to look directly at light sources.