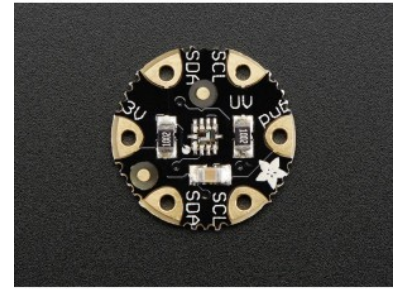




**PRODUCT NAME** : Flora UV Index Sensor - Si1145 Light Sensor

**PRICE** : Rs 1,249.00

**SKU** : RM3381



## DESCRIPTION

Your wearable can now keep you from getting sunburnt, with the Flora digital UV index sensor. [We took our popular SI1145 UV index sensor](#) and cut out everything you don't need for using with a Flora. It's small, round, and connects to the I2C bus pads. [Flora can even use our library code to get calibrated light level and UV index data from the sensor.](#)

Please note: this sensor can be used by Flora but is too complex for Gemma!

To use: connect the 3V, SDA and SCL, and GND pads of the sensor to your Flora 3V/SDA/SCL/GND pads, in that order. Then load up our Arduino library and example code from the classic Breakout tutorial to your Flora.

## TECHNICAL DETAILS

SI1145 Details:

- IR Sensor Spectrum: Wavelength: 550nm-1000nm (centered on 800)
- Visible Light Sensor Spectrum: Wavelength: 400nm-800nm (centered on 530)
- Voltage Supply: Power with 3 VDC
- I2C address 0x60 (7-bit)
- Operating Temperature: -40°C ~ 85°C

Breakout Board details:

- Diameter: 14mm / 0.6"
- Height: 2mm / 0.08"