



FEZ Light Sensor Component



Use this sensor to measure the light intensity.
Connected through standard JST3AA cable
(included).

Works with any **Analog pin** on FEZ Mini starter-
kit/robot and FEZ Domino Component shield.



Provided Driver Example Code:

User should add **FEZ_Components_LightSensor.cs** to Visual C# project to use the example below. **FEZ tutorial Document** shows how to create projects and add components drivers.

(Both files are available on www.tinyclr.com)

Code snippet:

```
using System;
using Microsoft.SPOT;
using System.Threading;
using GHIElectronics.NETMF.FEZ;
public class Program
{
    public static void Main()
    {
        // Create Thermometer object assigned to the a LightSensor Component connected to An0 with analog
        // input feature
        FEZ_Components.LightSensor myLightSensor = new FEZ_Components.LightSensor
(FEZ_Pin.AnalogIn.An0);
        int value = 0;
        while (true)
        {
            value = myLightSensor.GetLevel(); // the reading level is between 0 to 100 according to light intensity.
            Debug.Print(" myLightSensor reading is: " + value.ToString());
            Thread.Sleep(100);
        }
    }
}
```

