

Light sensor datasheet



The light sensor bit is an input bit that measures the level of light. The light level reading from the light sensor bit is from 1 to 100.

1 = very dark (minimum value is usually 2-3)

100 = very bright

Use in ports	Stencil guide	Bit type	Block category
0 - 3	④	Input	Sensing

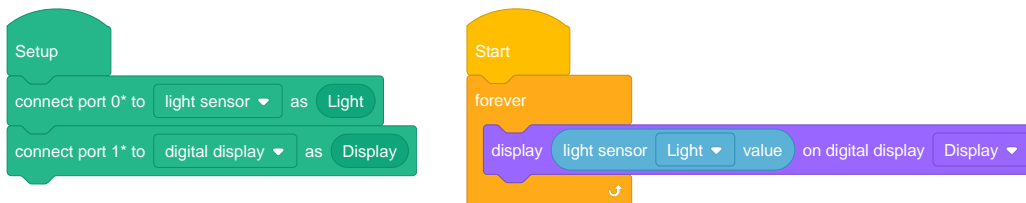
Programming blocks

The programming block for the light sensor bit is a sensing block. It is normally used with operator blocks, such as '<()<()>' or '(()+())' that are usually used with control blocks.

light sensor - value

Example program

This example program will continuously send the light sensor reading to the digital display.



In the real world

Light sensors are used in real world inventions such as automated light switches. Streetlights turn on when the sun goes down, because the streetlights use a light sensor to know when they need to provide light. This saves electricity as the light is only on when it needs to be. When the sun comes up the light sensor detects this and turns off the light.

