

# LDR sensor

A light sensor is something that a robot can use to detect the current ambient light level - i.e. how bright/dark it is. There is a range of different types of light sensors, including 'Photoresistors'.



**A photoresistor or LDR (light dependent resistor) sensor changes its resistance analogue value based on the amount of light that falls upon it. The net effect is an improvement in its conductivity with a decrease in resistance for an increase in illumination.**

In this [video](#) you can learn how to make LDR darkness sensor circuit.



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