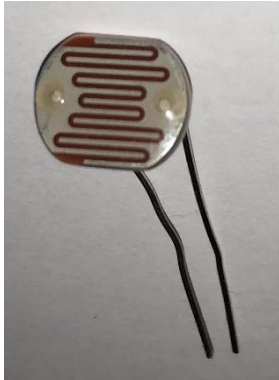


## LDR sensor



**A light sensor is something that a robot can use to detect the current ambient light level, that is how bright/dark it is.**

There are a range of different types of light sensors, including 'photoresistors'. A photoresistor or LDR (light dependent resistor) sensor changes its resistance analogue value (0-1023) 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.



eCraft2Learn H2020-731345 - UEF.

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This project has received funding from the European Union's Horizon 2020 Coordination & Research and Innovation Action Under Grant Agreement No 731345.