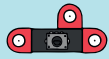


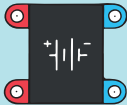
L210 CHANGING BRIGHTNESS SMOOTHLY I.



2x LED



1x potentiometer



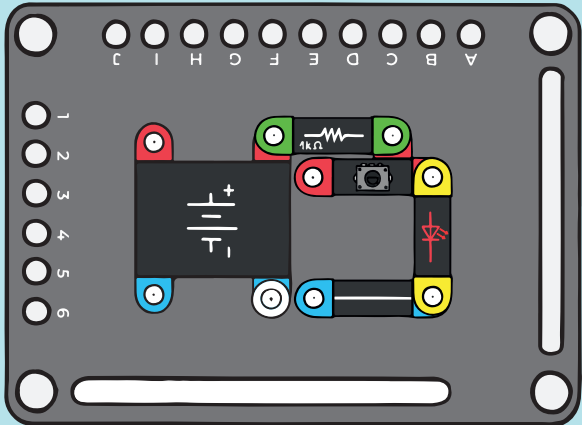
1x battery



1x resistor 1kΩ

If you want to change the LED current continuously and without step changes, you can use a variable resistor, also called a potentiometer, for which the resistance corresponds to the angle of rotation of the small shaft. Structurally, it is a fixed resistor that has an exposed resistance layer, along which the collector travels; by turning the slider you select how much of the resistance path will be included in the circuit. When being turned, it moves away from one end (the resistance of this end increases). Due to the shaft rotation, the brightness „spills“ from one LED to the other as the resistance decreases on one side and increases on the other.

1.



2.

