Filter capacitor: smooths out ripples on the power supply

Light Dependent Resistor: detects tiny changes of light level as bar moves

10k resistors set as a reference voltage for pin 3 of amplifier

“Op Amp”: almost any common op-amp can be used e.g. 741, TL071, LF351, OP27 etc. It amplifies the difference between pins 2 and 3

100k (or 250k) variable resistor controls the amplification of the op-amp

3.3k and 1k resistors form a voltage divider to give a high level output or a low level 0-5 volt output for some datalogger sensors