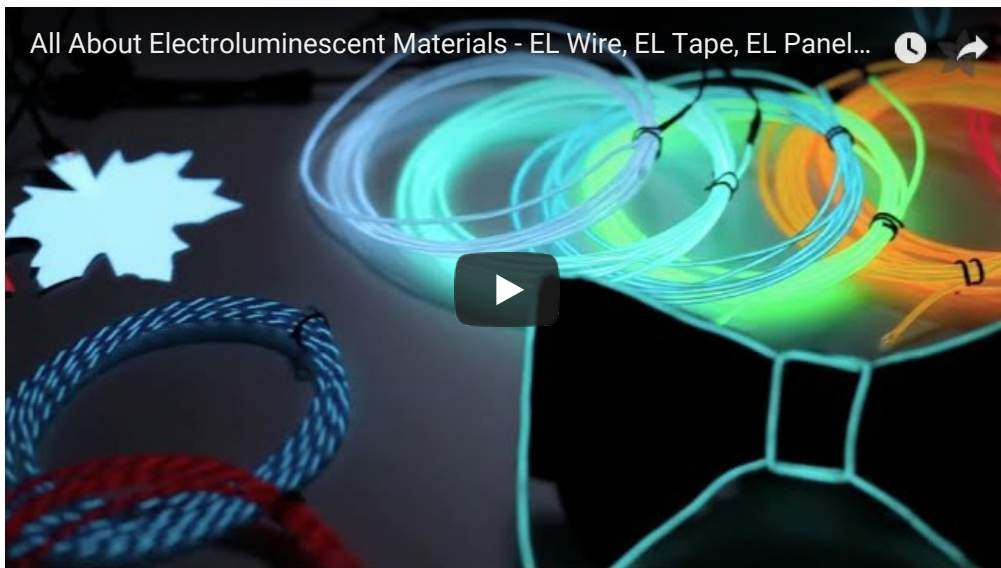


To use, the wire must be connected to an inverter that provides an AC supply of approximately 100V at 2000 Hz. An inverter is not included! This wire is 250 cm long which is the maximum that can be driven [by our handy 2xAA portable pocket inverter](#) The full length draws 200mA from the 2xAA batteries (so 2000mAh batteries will last ~10 hours if on 'constant' mode)

We used EL wire to make our awesome [TRON bag](#) so check it out for ideas

This is a pre-cut, pre-soldered, 250 cm long piece of EL You can plug this right into an inverter and get glowing in seconds, and if you want to do something a little more complex, cut and resolder it as desired. Soldering to EL wire is a little tricky but luckily [we wrote a detailed step-by-step tutorial!](#) To cut and re-solder EL, you'll need [wire strippers](#), a [soldering iron](#) & [solder](#), copper tape and heat shrink. A [third-hand tool is really useful as well](#).

Please note! EL tape, EL wire and EL panel are made with different processes - the color and brightness will not be consistent between the different types of EL products. The EL tape will not match the EL wire or EL panel exactly, they all will be slightly different colors.



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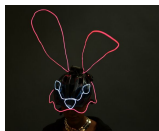
## TECHNICAL DETAILS

EL wire changes brightness depending on the coating, drive frequency and amplitude. [Please check the datasheet for color/brightness variation specifications!](#)



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## LEARN



### [EL Wire Animal Masks](#)

Make a glowing impression on Halloween



### [EL Wire Stocking](#)

Xmas with a glow!



### [Glowing Bean Bags with EL Wire](#)

for nighttime yard games & juggling



### [EL Bowtie](#)

Ring in the New Year with a neck-worn light show.

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**Edsger W. Dijkstra**



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