LIGHT UP ELEKTRO'S EYES · FOR ORGANIZERS

Bill of materials

Lista de materiales

PARTS COST PER KIT
≈ $1.11

Order sized for a 100-student event. USD prices as listed online on Nov 18, 2026, before tax and shipping.

Part	Per kit	Order for 100 kits	Cost	Where to buy
Red LED, 5 mm, diffused 75 mcd · $0.10 ea at 100+	3	300 LEDs	$30.00	Jameco #333973
CR2032 coin battery, 3 V Panasonic bulk · $0.39 ea, 200 min.	1	200 (100 for next event)	$78.00	Battery Junction
Copper tape, 5 mm, conductive adhesive 50 ft roll ≈ 25 kits · $6.25	≈ 2 ft	5 rolls (1 spare)	$31.25	SparkFun PRT-13827
Small binder clip, 3/4 in. 40-pack · $3.49	1	3 packs (120 clips)	$10.47	Staples · UNV11140
White cardstock, 65 lb, letter For the template · 250 sheets	1 sheet	1 pack of 250	$16.94	Sam's Club · Neenah
Battery bag, 2 × 3 in. zip, 2 mil Add a warning label · 1,000 bags	1	1 case of 1,000	$10.65	Interplas · CZ20203
Order total (covers 100 kits, with spares)			**$177.31**	≈ $1.11 of parts per kit

Also on hand

- Clear tape (Scotch-style) for holding the LED legs. One roll per table.
- Printing: instructions and the finished-kit page on paper (one double-sided sheet), plus the template on cardstock at 100%.
- Optional: one larger zip bag per kit to hold everything.

Buying tips

- Choose LEDs with standard long legs (about 1 in.) so they bend onto the tape.
- Coin cells with a bitter coating (such as Duracell) are an extra guard against swallowing.
- Copper tape edges can be sharp. Pre-cut strips for younger groups.

Prices change often. Check each link before ordering.

elektrotherobot.com

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