

Tent Light Part list valid as of 6th Jan 2023

Part	Supplier	Part no	Notes	URL	Qty Required	Single unit cost	Total Single unit cost	Qty each in lots of 100	Total unit Cost per 100
	Battery Holder		Note						
Recommended Single AA PCB Mount battery holder	Altronics	S5029	Does not include Freight	https://www.altronics.com.au/p/s5029-1-x-aa-pcb-mount-battery-holder/	1	0.95	0.95	\$0.70	\$0.70
YX8115	Aliexpress		Includes freight	https://www.aliexpress.com/item/32842257681.html?spm=a2g0o.order_list.order_list_main.55.17501802CM0Aea	1	\$0.13	\$0.13	\$0.13	\$0.13
Solder	Anyone you can find	Need about 1.3 g (30 cm) of 0.8mm solder per kit			1	0.2	0.2	0.2	\$0.20
Resistors R1-R3	10 ohm 5% ¼ watt		Does not include Freight	https://au.element14.com/multicomp/mcf-0-25w-10r/res-10r-5-250mw-axial-carbon-film/dp/9339035	3	0.08	0.24	0.06	\$0.18
Inductor L1	47Uh inductor	78F470J-RC	Does not include Freight	https://au.element14.com/bourns/78f470j-rc/inductor-47uh-5-0-205a-axial/dp/2858883?CMP=i-55c5-00001622	1	0.37	0.37	0.31	\$0.31
Leds 1-3	Element 14	C513A-WSN-CW0Z0151	Includes freight	https://au.element14.com/cree-led/c513a-wsn-cw0z0151/led-5mm-12cd-cool-white/dp/2579515?st=c513a-wsn-cw0z0151	3	0.42	1.26	0.37	\$1.11
Switch 1	Aliexpress	1212-112DB	Includes freight	https://www.aliexpress.com/item/32753488309.html?spm=a2g0o.order_list.order_list_main.25.17501802CM0Aea	1	\$0.34	\$0.34	\$0.23	\$0.23
Hook	Aliexpress		Includes freight	https://www.aliexpress.com/item/33000573423.html?spm=a2g0o.order_list.order_list_main.60.17501802CM0Aea	1	\$1.10	\$1.10	\$0.09	\$0.09
Clip	Aliexpress		Includes freight	https://www.aliexpress.com/item/4000690454277.html?spm=a2g0o.order_list.order_list_main.65.17501802CM0Aea	1	\$0.37	\$0.37	\$0.28	\$0.28
Paracord	Cams Cords	Need 25cm length per kit	Does not include Freight, and based on 100foot length	https://www.camscords.com.au/products/neon-orange-paracord?variant=28190064279645	1	\$0.22	\$0.22	\$0.22	\$0.22
Board	JLCPCB		Does not include Freight		1	\$2.00	\$2.00	\$0.29	\$0.29
Battery	Officeworks	100 pack	Cheapest I could find	https://www.jaycar.com.au/eclipse-aa-alkaline-batteries-pk-100/p/SB2323?pos=9&queryId=21e881ae2296072660289840627fe746&sort=relevance	1	\$0.34	\$0.34	\$0.34	\$0.34
Tapes	Aliexpress	0.8mm for switch options 1 and 3 (need 10mm width)	Includes freight	https://www.aliexpress.com/item/1005002745126695.html	1	\$0.04	\$0.04	\$0.05	\$0.05
	Aliexpress	2mm thick *10mm wide for the battery holder	Includes freight	https://www.aliexpress.com/item/1005001354937624.html?spm=a2g0o.order_list.order_list_main.40.3d3a1802Dw0LD3	1	\$0.04	\$0.04	\$0.04	\$0.04
	Swift Supplies	need 18mm width, roll big enough to do 1650 kits	Does not include Freight	https://www.swiftsupplies.com.au/3m-scotch-no.-5-clear-electrical-insulation-tapes	1	\$0.02	\$0.02	\$0.02	\$0.02
	Gardiner Australia	Purlin Tape, need 12mm width and 3mm thick, and 20mm length per kit, roll big enough for 600 kits	Does not include Freight	https://gardineraustralia.com.au/products/lapseal-tape-pe-foam	1	\$0.03	\$0.03	\$0.03	\$0.03
	Office supplies	Label for Name and group		https://www.averyproducts.com.au/product/white-rectangle-stickers-932009	1	\$0.05	0.05	\$0.05	\$0.05
						Single Unit Cost	\$7.70	Single Unit cost per 100	\$4.27