

Wood Frame:

- Consumables: \$28.58
- Reusables: \$34.26
- Total: \$62.84

- Plywood - \$25.23
 - <https://www.homedepot.com/p/11-32-in-x-4-ft-x-8-ft-Rtd-Southern-Yellow-Pine-Plywood-Sheathing-112590/100003677>
- 2 by 4 - \$3.35
 - <https://www.homedepot.com/p/2-in-x-4-in-x-8-ft-Prime-Whitewood-Stud-058449/312528776>
- Diffusion Gel - \$17.98
 - https://www.amazon.com/Diffusion-15-7x19-6inches-40x50cm-Photography-Diffuser/dp/B08PFXCSZL/ref=sr_1_3?crd=60XC6IHH2AEU&keywords=diffusion+gel&qid=1667237735&qu=eyJxc2MiOiI0LjEzIiwicXNhIjojMy4zNyIsInFzcCI6IjMuMTUifQ%3D%3D&s=electronics&sprefix=diffusion+gel%2Celectronics%2C127&sr=1-3
- Wood Putty - \$5.80
 - https://www.amazon.com/Elmers-Products-E848D12-Carpenters-Filler/dp/B000LNR4XC/ref=sr_1_27?keywords=wood+putty&qid=1677518653&sprefix=wood+putt%2Caps%2C91&sr=8-27
- Wood Glue - \$4.29
 - https://www.amazon.com/Elmers-Products-E7000-Carpenters-Multicolor/dp/B001N7X1UA/ref=sr_1_3?crd=7SCODDAJW3CS&keywords=wood%2Bglu e&qid=1677518729&sprefix=wood%2Bg glue%2Caps%2C120&sr=8-3&th=1
- Spray Paint - \$6.19
 - https://www.amazon.com/Rust-Oleum-249128-Painters-11-Ounce-Aluminum/dp/B002BWOS80/ref=sr_1_2?crd=2FAT9B8YPUT4M&keywords=silver%2Bsp ray%2Bpaint%2Bfor%2Bwood&qid=1677518577&sprefix=silver%2Bspray%2Bpaint.%2C aps%2C126&sr=8-2&th=1

Electronics:

- Consumables: \$55.97
- Reusables: \$34.96
- Total: \$90.93

- ESP32 - \$10.99
 - https://www.amazon.com/HiLetgo-ESP-WROOM-32-Development-Microcontroller-Integrated/dp/B0718T232Z/ref=sr_1_4?crd=2L7ITW1KSF579&keywords=esp32+wroom &qid=1677517883&s=electronics&sprefix=esp32+wroom%2Celectronics%2C90&sr=1-4

- Adafruit LED Strip - \$24.99
 - https://www.amazon.com/ACROBOTIC-Addressable-Waterproof-Connectors-Pre-Soldered/dp/B07P5W5BVD/ref=sr_1_4?crd=2QUFDZU1005KE&keywords=adafruit+led+strip+30&qid=1677519060&sprefix=adafruit+led+strip+30%2Caps%2C110&sr=8-4
- Power Supply - \$19.99
 - https://www.amazon.com/JOVNO-100-240V-Converter-Transformer-5-5x2-5mm/dp/B08763VWXM/ref=sr_1_4?crd=3II3XXITUYZ81&keywords=5%2Bvolt%2B10%2Bamp%2Bdc%2Bpower%2Bsupply&qid=1677517746&sprefix=5%2Bvolt%2B10%2Bamp%2Bdc%2Bpower%2Bsupply%2Caps%2C100&sr=8-4&th=1
- Soldering Kit - \$15.99
 - https://www.amazon.com/Miuzei-Including-Prototype-Connector-Terminal/dp/B07PS4VCDD/ref=sr_1_4?keywords=pcb+board&qid=1677519132&sprefix=pcb+b%2Caps%2C124&sr=8-4
- Buttons - \$8.99
 - https://www.amazon.com/TWTADE-Momentary-Tactile-Button-12x12x12mm/dp/B07CG7VTGD/ref=sr_1_6?crd=2POHLRD2LA8F0&keywords=breadboard+buttons&qid=1677519354&sprefix=breadboard+button%2Caps%2C116&sr=8-6
- Wire - \$9.98
 - https://www.amazon.com/BNTECHGO-Silicone-Flexible-Strands-Stranded/dp/B07HGT77R5/ref=sxin_16_pa_sp_search_thematic_sspa?content-id=amzn1.sym.17640126-9148-4700-a727-578cd66ffa9f%3Aamzn1.sym.17640126-9148-4700-a727-578cd66ffa9f&crd=36TCF1L2IYSG1&cv_ct_cx=wire%2Bspool&keywords=wire%2Bspool&pd_rd_i=B07HGT77R5&pd_rd_r=796a8651-d589-4085-8087-7eba4bd28cd8&pd_rd_w=Tqg6L&pd_rd_wg=ljh9q&pf_rd_p=17640126-9148-4700-a727-578cd66ffa9f&pf_rd_r=7F2B8GVJVFGKYRXS3PAS&qid=1677517950&s=electronics&sprefix=wire%2Bspool%2Celectronics%2C102&sr=1-1-a73d1c8c-2fd2-4f19-aa41-2df022bcb241-spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUEXWk1ZQ0pHV0NSWktOJmVuY3J5cHRlZElkPUEwODkyNjk4MzFVU0xCMk1WN1BQMylZlbnNyeXB0ZWRBZElkPUEwMDQwNzI3ND A2RTNTMzJEUgWjndpZGdlldE5hbWU9c3Bfc2VhcmNoX3RoZW1hdGllJmFjdGlvbj1jbGlja1JlZGlzZWN0JmRvTm90TG9nQ2xpY2s9dHJlZQ&th=1

Total Cost:

- Consumables: \$84.55
- Reusables: \$69.22
- Total: \$153.77