

Item	Supplier	Part no	Quantity	Notes
3M duct tape	amazon	http://www.amazon.com/3M-Utility-Duct-2929-Silver/dp/B001HT72	1	the gold standard cheaper at hardware store
4-4 coupler	mcmaster	4880K78	1	cheaper at hardware store
4-2 coupler	mcmaster	2389K7	1	cheaper at hardware store
4" pipe 4" long	mcmaster	49035K51	1	hardware store
aluminum foil	cvs		1	get this practically anywhere- cvs, grocery store, 7-11, amazon etc.
coffe cup sleeve	diesel, starbucks, 7-11, cvs...		1	go get some coffee! some kind of cardboard is a great alternative
60w lightbulb	amazon	http://www.amazon.com/SYLVANIA-10489-60-Watt-130-Volt-Household/dp/B000	1	hardware store
lightbulb socket	mcmaster	14695K73	1	hardware store
lamp cord	mcmaster	7870T31	1	
wire nuts	amazon		4	use wago lever nuts
wago lever nuts	amazon	http://www.amazon.com/s/ref=nb_sb_nc	4	so many sizes, so many packs. also available in small quantity from adafruit
heat shrink	amazon	http://www.amazon.com/Anytime-Shrink-Sleeve-Tubing-Assorted/dp/B008W	4	you dont need the whole thing. probably just get this at a hardware store
arduino uno	digikey	1050-1024-ND	1	also available at radioshack, frys, etc. in brick and mortar shops. Also amazon etc.
at30ts750	digikey	AT30TS750-SS8-B-ND	1	get the soic-8. that is what ss8 means
oje-sh-105DM	digikey	PB874-ND	2	lots of other relays work
2.2k ohm resistor	digikey	CF14JT2K20CT-ND	2	alt source radioshack, pretty much any brick and mortar electronics store
assorted wires and jumpers				depends on how you build this