

<onlyinclude>**Current Status** - Prototype working.</onlyinclude>

Progress

Prototyping

Action	Status
Parts List	Complete
Ordering Parts	Complete
Check LED power requirements	Didn't check
Assembled	Complete
Code	Complete
Prototype	Complete

Stage 2

Action	Status
Parts List	Not made
More powerful LED	Not fitted
Wood Base	Not made
Lampshade	Not made
Arduino replacement	
Power for Arduino replacement	

Project Aim

This part of a [larger project](#) to get started in electronics, arduino programming, basic woodwork and paper craft. This is essentially the [Luminch One](#)

The aim of this project is to create a device that

- Uses IR to control a lamp
- Runs off the mains like a lamp
- Have a decent lampshade design so it can actually be used
- Replace arduino with cheaper, more permanent alternative

Hardware

- Any Arduino or compatible hardware
- Super bright LED
- IR distance sensor
- Wood and Tracing paper

Prototypes

The link to the original design has better schematics then I can make but they are posted here for your convenience. <http://guide-images.makeprojects.org/igi/XT1RxEV4fG1REIQd.huge> - Fancy diagram <http://guide-images.makeprojects.org/igi/yN6hDhGpK3SabvQT.huge> - Schematic <http://guide-images.makeprojects.org/igi/NKmolMqNtKUTQp5D.huge> - Photo of prototype

Software

As before the source code to control the lamp from the IR input is posted in the original link. https://fran-cc-blog.s3.amazonaws.com/luminch_one.zip - Arduino source code

Category:Projects

From:

<http://testwiki.hecatron.com/> - **Hacman DEMO ONLY**

Permanent link:

<http://testwiki.hecatron.com/doku.php?id=old:projects:luminch-one>

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