

Admin Manual Shower Light

Software

Install the Arduino IDE

Enable the Arduino environment to upload code to the ESP8266 (the microcontroller that we use)

Download from github <https://github.com/NathanMisset/ShowerLight.git>

Select LOLIN(WEMOS) D1 R2 & mini

Install all dependencies that the firmware needs: (how?)

○Using the Arduino library manager:

- Thingspeak
- ESP8266WiFi
- Fast LED
- Pitch: <https://www.arduino.cc/en/Tutorial/toneMelody>

Compile and upload your code to the device

Important!!:

Prototype A should be uploaded to The Receiver.

Prototype B should be uploaded to The Sender/Sensor.

ThingSpeak

Make a ThingSpeak account

Log in

Go to channels > my channels

press new Channel

Give it a name like : ShowerLight

Make a field and give it name humidity

scroll down press Save Channel

copy Channel ID from the top of the page

edit Channel ID in both Prototype A as well as Prototype B

Go to API Keys

edit the write API key in prototype B

edit the read API key in prototype A

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Shower Light

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