

Sparkfun Artemis Nano LED powered by ordinary lightbulb

03/05/2021 at 20:35 • 0 comments

Sparkfun Artemis Nano LED powered by ordinary li...





Sparkfun Artemis Nano <https://www.sparkfun.com/products/15443>

Powered by DFRobot Solar Power Manager Micro

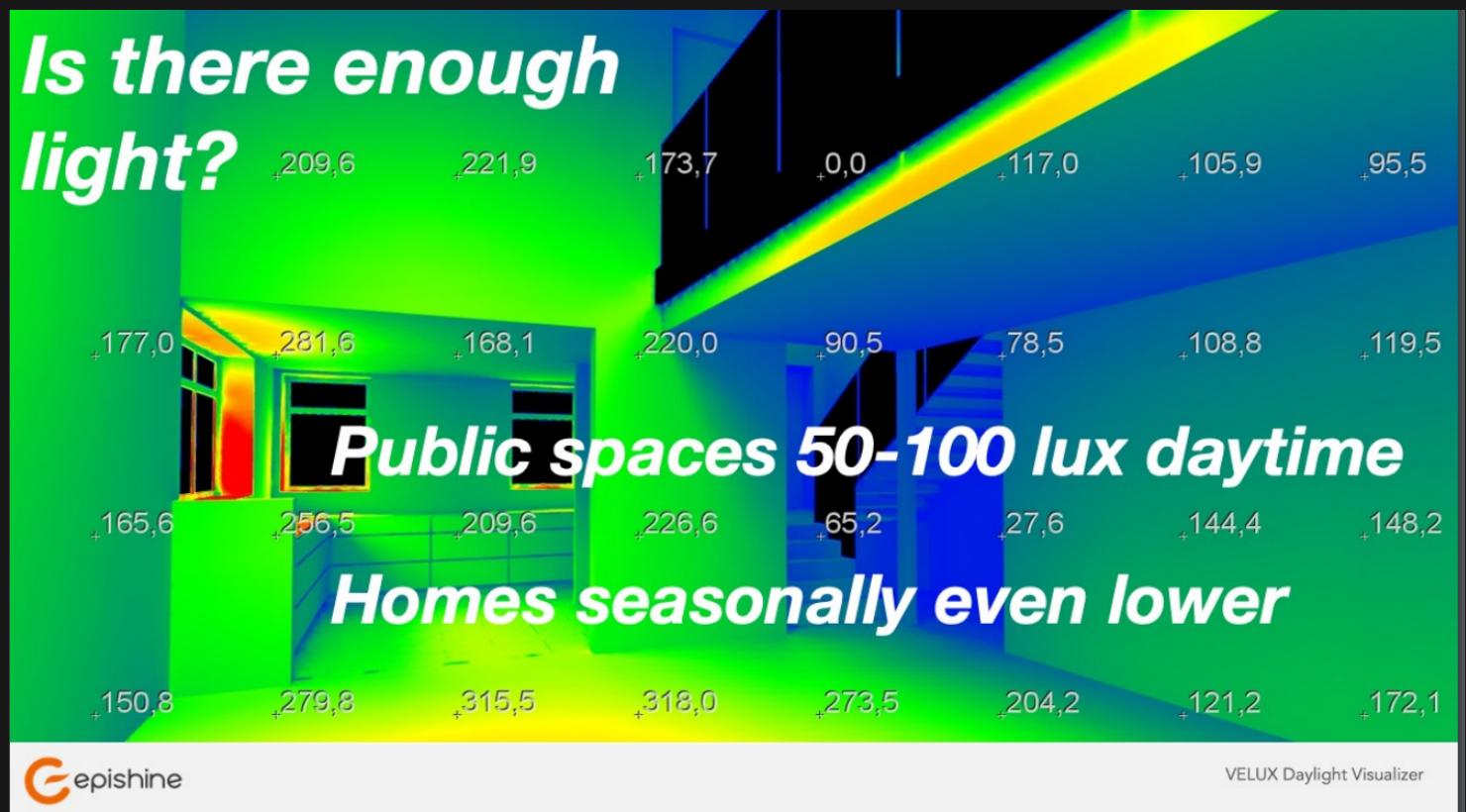
<https://www.drobot.com/product-1781...>

Monocrystalline Silicon Solar Panel 2V 160mA 50*50mm

& 800 Lumen Philips 10.5W bulb 2700K.

The next step is to get the blue light that flashes when it boots with a standard 3.7V battery & recharge the battery at the same rate it discharges. A larger solar panel will easily work, but I had to unplug it because the Nano immediately started smoking, not realizing I was using the wrong 4.4V out with an Adafruit Solar Lipo Charger. Really important tip: Make sure you have the right regulated output or it will fry the MCU

I attended a webinar by E-peas, Epishine & Cap-XX, and found this slide helpful



Parallel Project

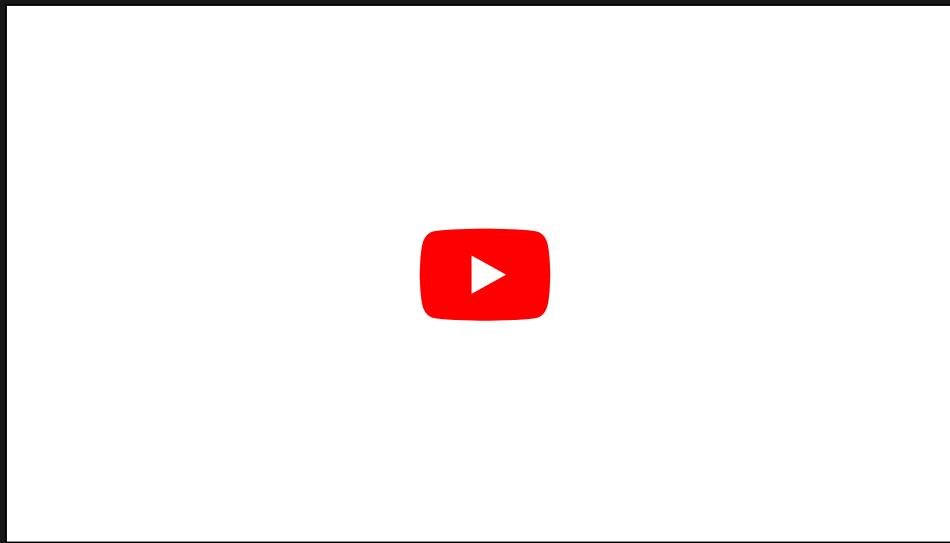
03/01/2021 at 01:30 • 0 comments

A parallel project by Alexander Soto that I am contributing to: <https://alexsoto.dev/community-built-eink-laptop.html>

which may cross paths in the future with the autarkic project.

AM1454CA current test

02/26/2021 at 01:55 • 0 comments



Testing new multimeter

1st Indoor Test w/Led On

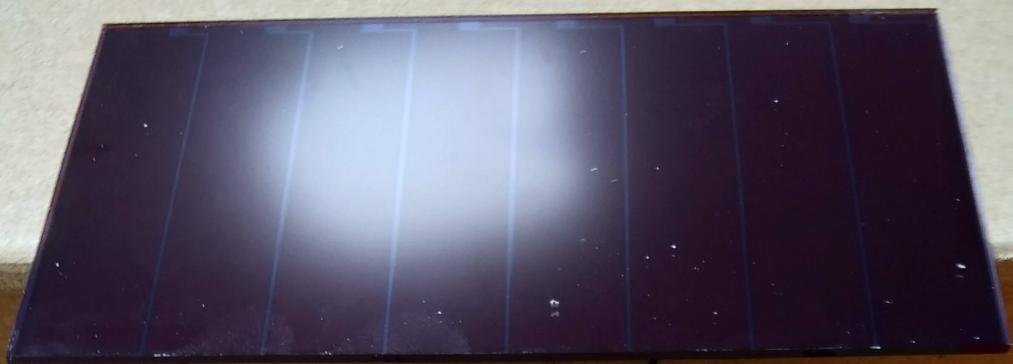
02/18/2021 at 19:46 • 0 comments

2/18: 1st successful test of any indoor panel: Panasonic AM-1816CA with Waveshare Solar Power Manager (even though the latter is for 6V-24V) the AM1816CA is 4.9V.

Cowboy Studio 85W (450W equivalent) CFL was used.

<https://www.waveshare.com/solar-power-manager.htm>

The boot light (top right corner) also flickers on with enough light, but hasn't been able to charge a 3.7V battery yet.



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