

MEGA Pixel LED write up. - Project intro – [DanWillis45@gmail.com](mailto:DanWillis45@gmail.com) Really don't know what I am doing so any questions or advice you have are greatly appreciated.

I think this will be a fun project with the final display being a well received, tasteful, curiosity.

[meetup@palaceofretention.ca](mailto:meetup@palaceofretention.ca)

Some parts I am missing = Power supplies, 5v, 12v, & 24v. What wires, crimpers and Connectors are needed. I have a multimeter and even here I need help figuring out how to use it.

Would like to use the 24v outside so proper outdoor electrical box(es).

I have this controller <https://sandevices.com/product/e682-assembled-tested/> haven't played with it yet and it may be what I need

And a 30 channel DMX512 decoder (I don't have a USB-DMX converter, yet)  
<https://www.ebay.com/itm/CHINLY-30-channel-DMX-512-RGB-LED-strip-controller-dmx-decoder-dimmer-driver-DC9-/303458047048> I assume this would work with the wall washer (below)

101 lighting manual at <https://auschristmaslighting.com/attachments/auschristmaslighting-101-third-edition-release-pdf.12297/> it is likely that you would need to sign up to get it, so far they haven't spammed me.

I am hoping once I get a better (or some) idea of what to do I will post in the forums asking for feedback.

My beginner research is leading me towards the falcon player  
[https://falconchristmas.com/wiki/Main\\_Page](https://falconchristmas.com/wiki/Main_Page) it looks like this can be used with Raspberry Pi and/or the Beagle Bone Black



T-1000S,LED sd card pixel controller:full color:SPI signal output:2048 pixels controlled:2017 new Version  
[Transaction Screenshot] X2



30\*40 pixels RGB full color WS2812B Flexible LED Pixel Panel Light DC5V  
[Transaction Screenshot]  
X1

Finished



P10 APA102C full color RGB indoor LED Display unit panel,28\*28pixels,280mm\*280mm;Aluminum plate  
[\[Transaction Screenshot\]](#)  
X1



Individually LED full color net pixel;DC12V WS2811 controlled;all BLACK wire;20leds(2m)\*20leds(2m)  
[\[Transaction Screenshot\]](#)  
X1



5m DC24V GS8206 IC(similar to WS2811 IC) 56LEDs/m 7pixes/m) WHITE PCB led digital strip;IP65;in frosted silicon tube  
[\[Transaction Screenshot\]](#)  
X16



36\*1W DMX512 LED High Power Wall Washer;AC90-260V input  
[\[Transaction Screenshot\]](#)  
X1  
Product properties: Changeable

Order ID: 95080107124535 [View Detail](#)  
Order time: 14:17 Oct. 03 2018

Store name: SHENZHEN  
LTD  
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20m/roll DC24V GS8206 IC(similar to WS2811 IC) 60LEDs/m (10pixes/m;6leds as one pixel) led digital strip;IP33;neon type