

# || AIR LAB Ceiling Rig DMX map



- RGB lamps has 6 DMX addresses pr device
- Alpha = DMX [Alpha is always needed]
  - Red = DMX + 1
  - Blue = DMX + 2
  - Green = DMX + 3
  - Green [fine] = DMX + 4
  - White = DMX + 5



- Flood lamps has 2 DMX addresses pr device
- Cool white = DMX
  - Warm white = DMX + 1

A DMX message consists of a DMX address [1-512] annotated by a c, and a value [0-255] annotated by a w. A given DMX device will fill out n numbers of consecutive channels, depending on their specifications. Their channels are set on the device itself.

Turning on RGB 5 with red light would demand 2 messages and would look like this:

| 325c255w , 326c255w

In code it might be concatonated into a message in a manner similar to this:

| DMX + "c" + 255 + "w" , ( DMX + 1 ) + "c" + 255 + "w"

If you are in AIR LAB, try experimenting with the lights by connecting the Ceiling Rig DMX Controller USB cable to your computer and opening up the Arduino IDE. This was you can manually write DMX messages into the serial monitor.

