

# Pixel Playground Tablet Manual



*This will be a guide to using the Pixel Playground and becoming an expert on the equipment.*

**WARNING:**

**Hold Securely:**

Always hold your iPad with a firm grip to minimize the risk of accidental drops.

**Avoid High Surfaces:**

Be mindful of where you place your iPad, avoiding edges of tables or other elevated surfaces where it might slide off.

**Two-Handed Approach:**

When using your iPad, consider a two-handed approach, especially when standing or moving, to maintain better control.

**Secure Storage:**

Store your iPad in a secure location when not in use, preventing accidental knocks or falls.

**Step by step manual on using the tablet.**

**1. Turn the tablet on**



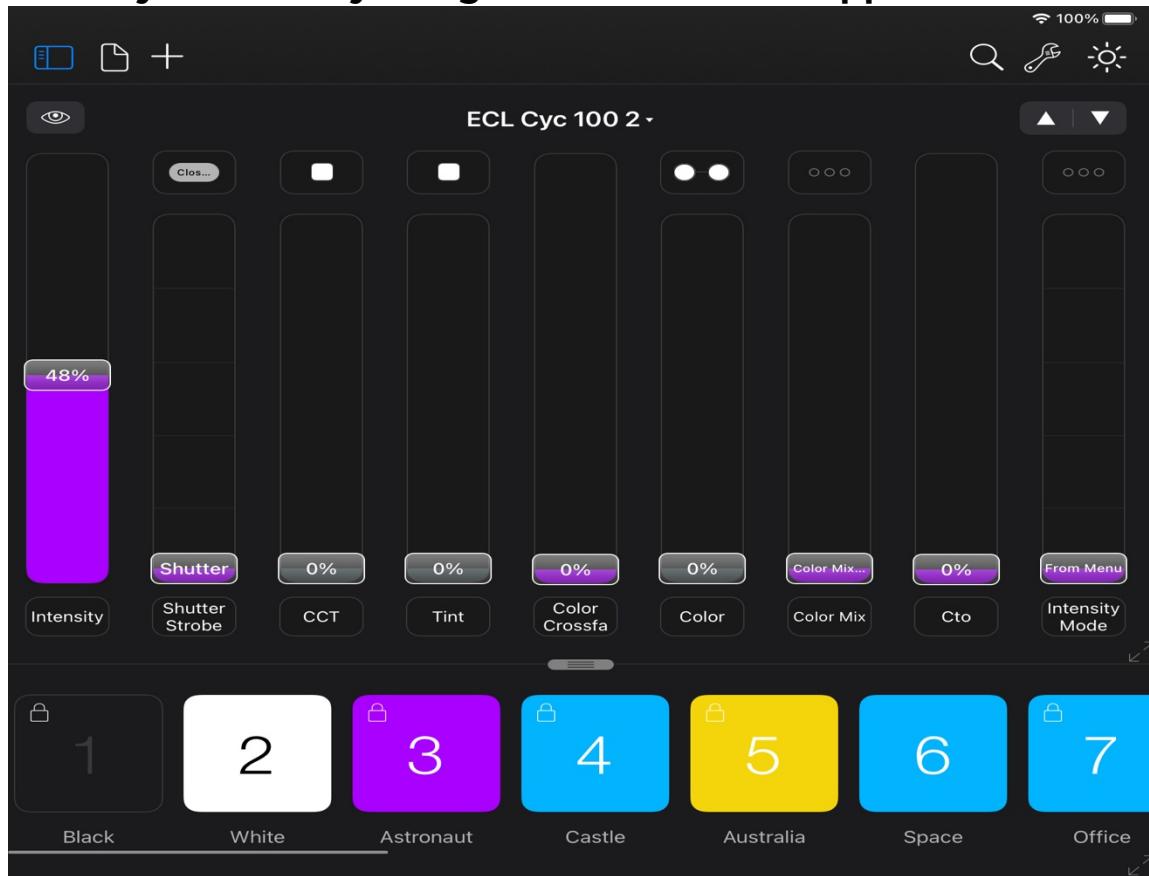
**2. Open the LuminAir application.**



### 3. Select the light you want to use.



#### 4. Create your scenery using the sliders on the application.



These lights have the same choices for setting them up as shown in the image below. A slider allows you to easily change the settings. It is made up of the following elements:

**Intensity:** How bright the light is. You can make it brighter or dimmer using a slider.

**DISCLAIMER: INTENSITY ALWAYS NEEDS TO BE ON TO EVEN SEE SOME LIGHT.**

**CCT (Correlated Colour Temperature):** This changes the 'warmth' or 'coolness' of the light's color. Imagine a slider from 'warm' (like candlelight) to 'cool' (like daylight).

**Tint:** This adds a certain color to the light, like putting a colored filter over a camera lens.

**Color Crossfade:** This smoothly changes the light from one color to another.

**Color:** This changes the light's color. You can choose any color you like.

**DISCLAIMER: COLOR ALWAYS NEEDS TO BE ON FOR CROSSFADE AND COLOR MIX**

**Colormix:** This mixes different colors together to create a new color.

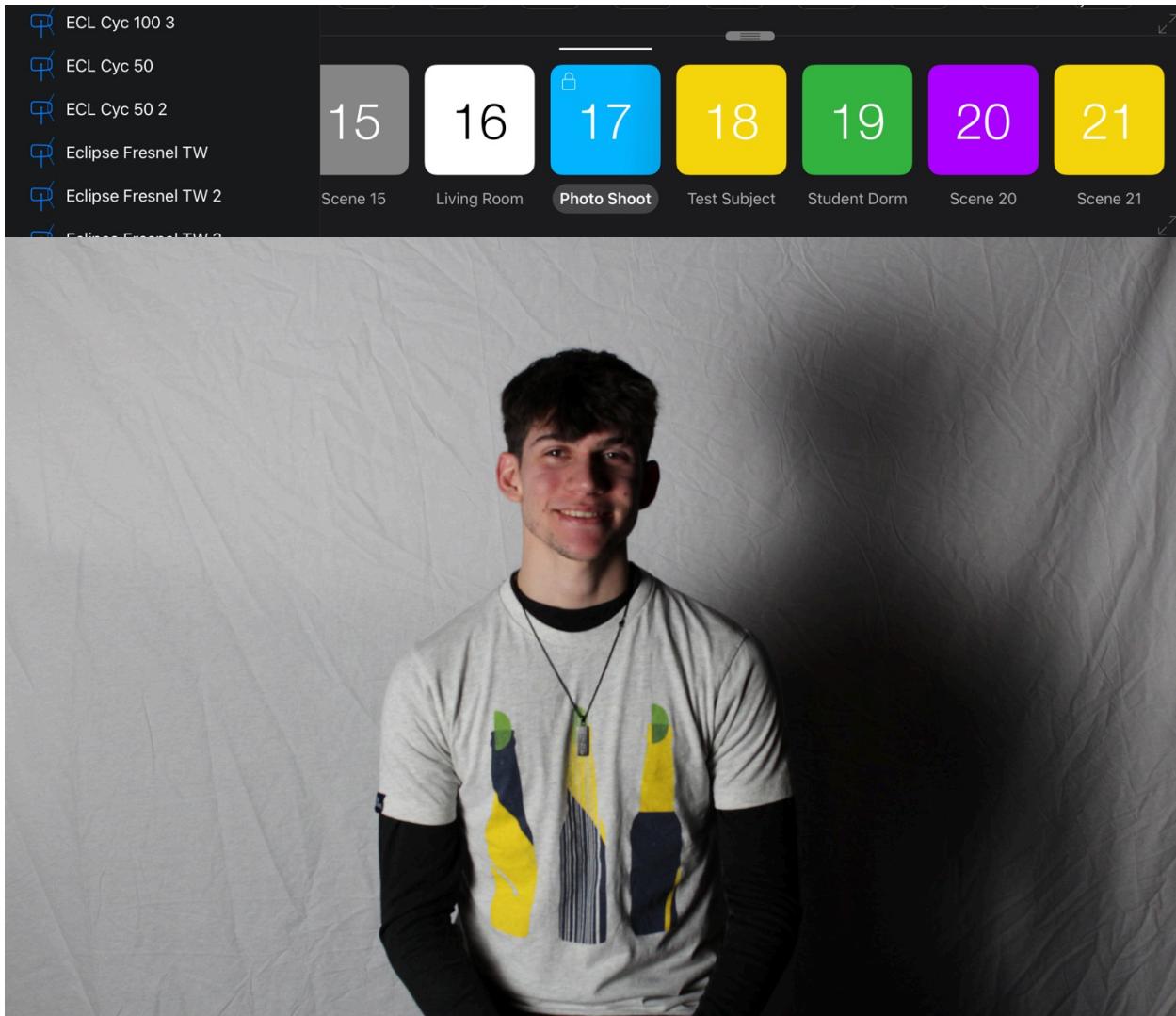
**Cto (Convert to Orange):** This makes the light look more orange, like a sunset.

#### 5. Enjoy your scenery and commence creating your content!

*In the pixelplayground, you can use the lights to create multiple scenes depending on what you want to achieve. Here are two examples*

## **Photography**

*You can utilize the tablet to simulate lighting from various angles, thereby creating a more realistic scene. There are even specific features/presets to achieve this effect.*



## **Unreal engine**

You can use lighting with Unreal Engine to create a more realistic scene. By using the large screen, you can create a variety of elements with props and lighting, increasing the realism of the environment.

Good example



*Bad example*



## **Lighting equipment information**

*This manual will give you an explanation regarding the following lights inside the Pixel Playground:*

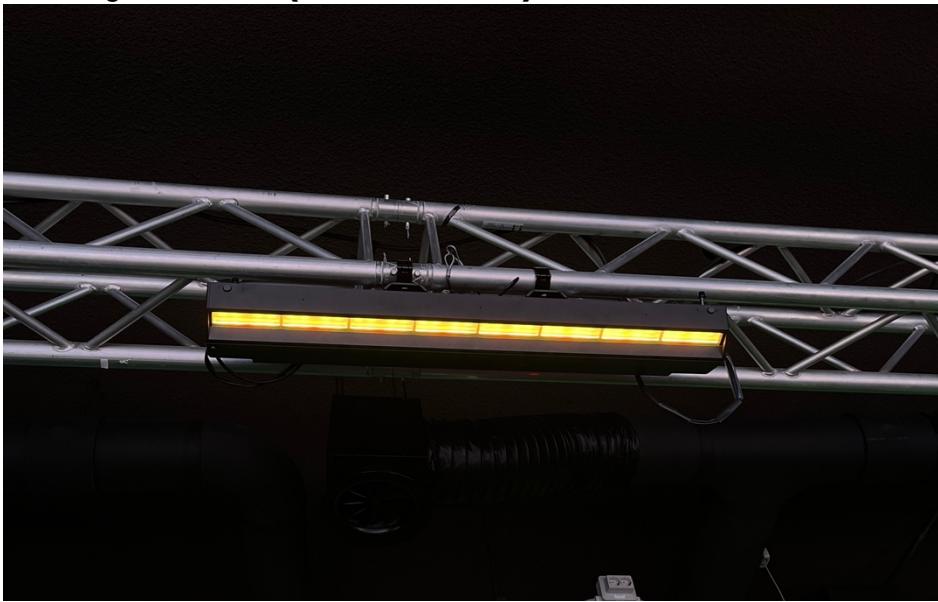
### **ECL Panel TWCJr**



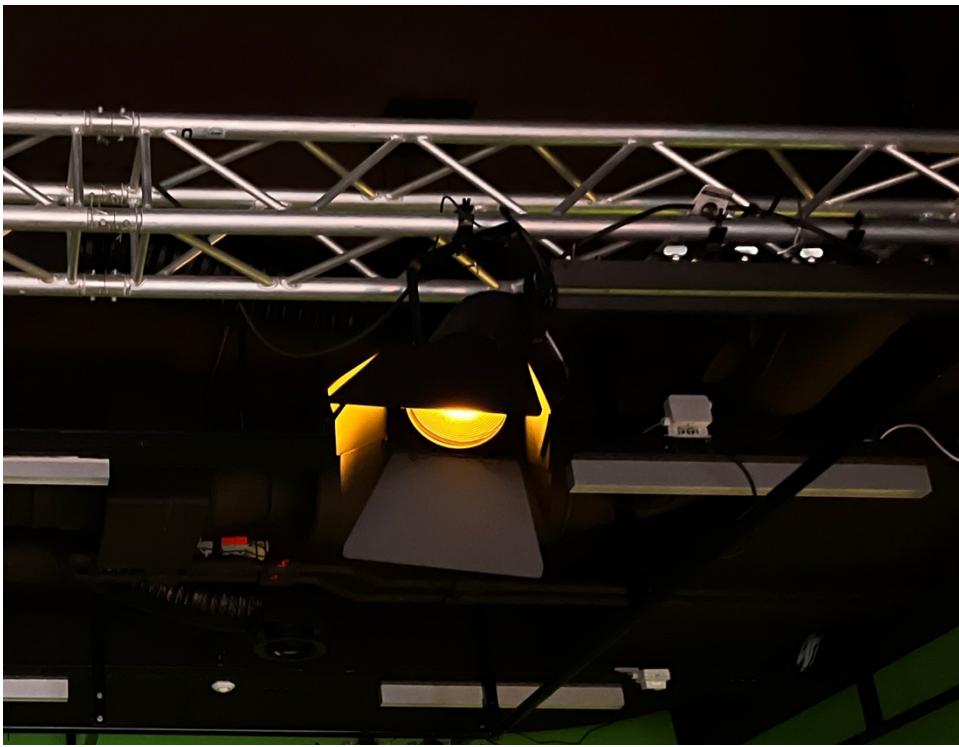
**ECL Cyclorama (ECL CYC 50)**



**ECL Cyclorama (ECL CYC 100)**



**TW Fresnel**



**ECL Panel TWCJr:**

The EclPanel TWCJr is a small LED light with a wide range of soft and precise colours. It can also imitate various types of white light, ranging from daylight to tungsten. You can also use special effects to control it and customize it to create your own unique lighting. The light is designed to be simple to use and quick to set up, making it suitable for any location.

**ECL Cyclorama 050 and 100:**

The ECL Cyclorama 050 and 100 are types of lighting equipment used to illuminate large areas, such as stages or backdrops. They are designed to create a smooth and even light across the entire background, without casting harsh shadows. The "050" and "100" refer to the size or power of the lights. These lights are often used in theaters, studios, and event spaces to create a professional and polished look for performances, presentations, and events.

**TW Fresnel:**

The TW Fresnel is a type of lighting equipment used to create a focused and adjustable beam of light. It is commonly used in theaters, film and television production, and photography. The Fresnel design allows the light to be easily focused and adjusted, making it versatile for a variety of lighting needs. It emits a soft and even light, making it ideal for illuminating performers or objects on stage or on set.

## Tablet description

The Pixel Playground room's tablet is a powerful tool that can significantly improve the quality of your visual projects using the Luminair application. Mastering the art of lighting allows you to create stunning and immersive scenes that capture the viewer's attention and bring your vision to life. Understanding the complexities of this technology is critical for any aspiring filmmaker, photographer, or visual artist looking to push their creative boundaries.



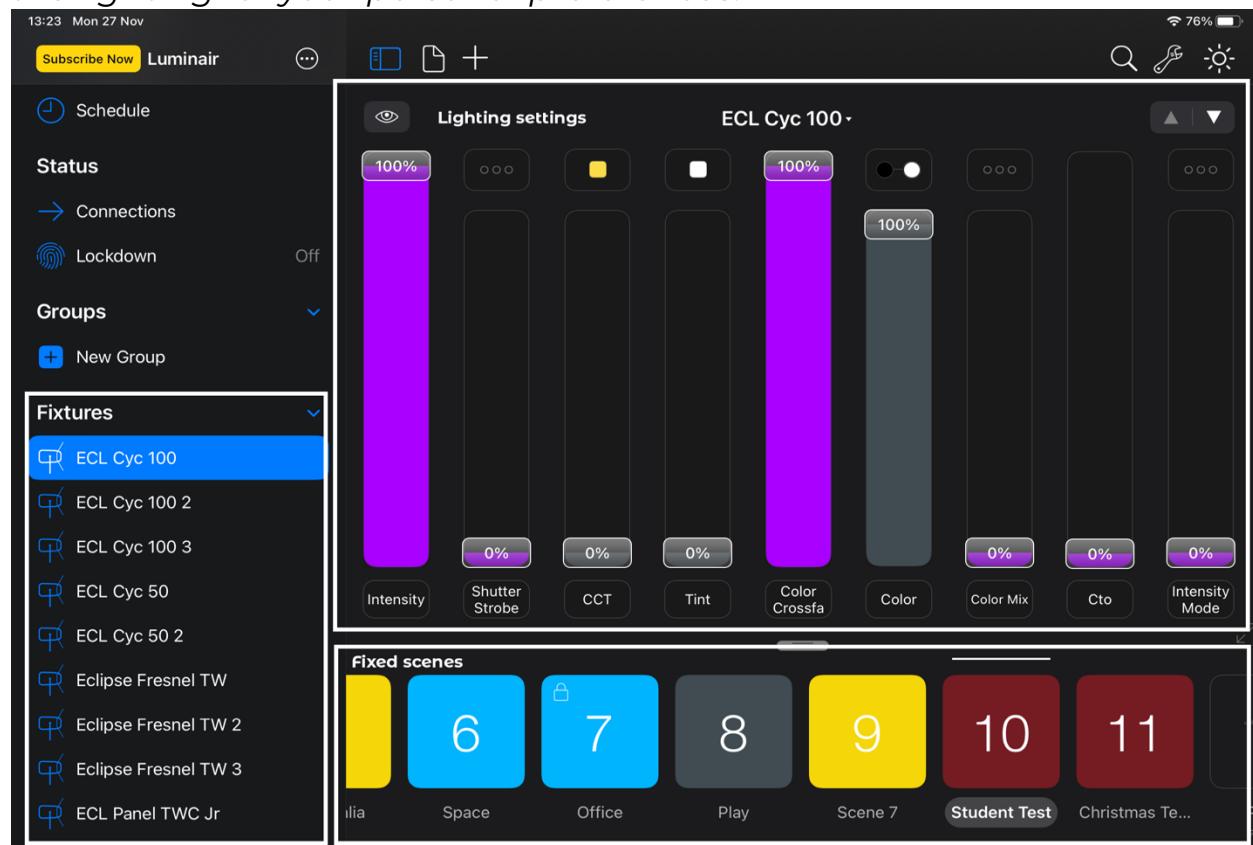
The Pixel Playgrounds tablet

## Luminair Layout

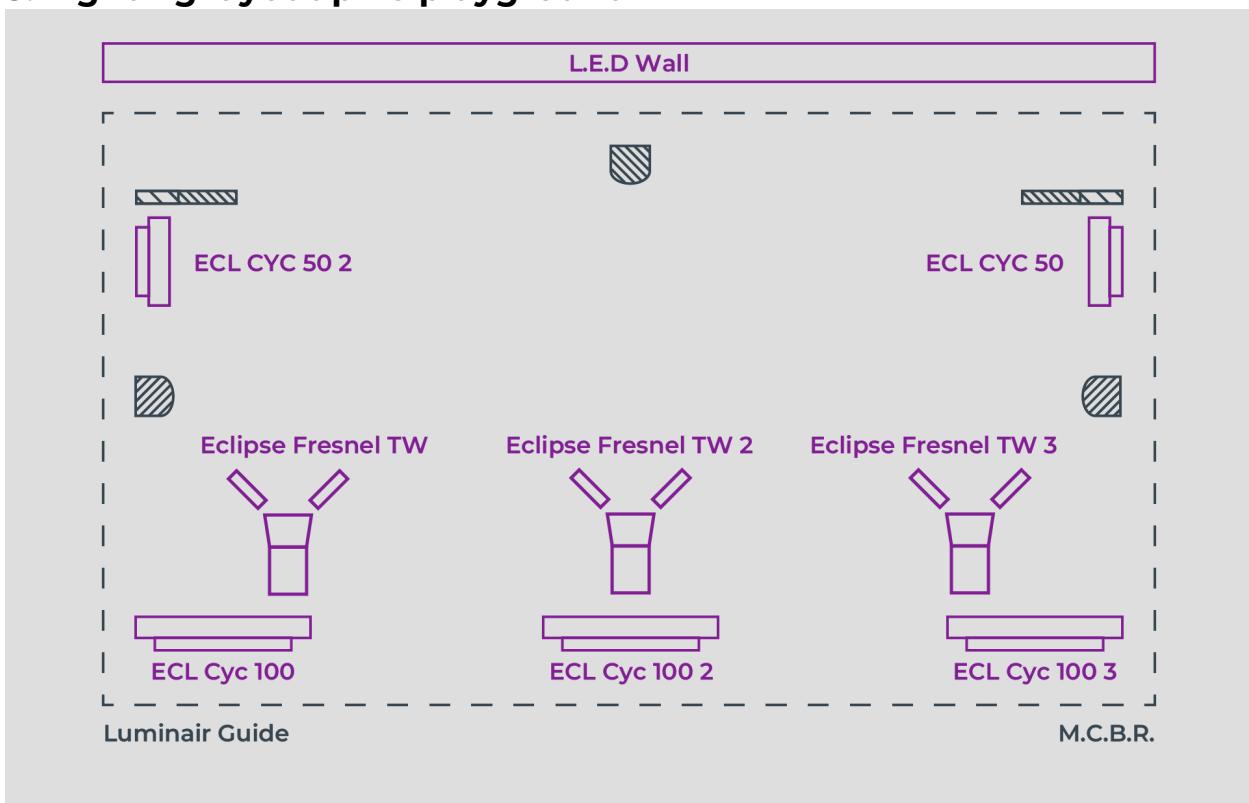
**Fixtures:** On the left side of the tablet, below the heading "fixtures," there are various names listed, each of which is associated with a specific light source. These names could represent different types of light sources in the Pixel Playground. Each of these light sources has unique characteristics and may be used for different purposes. By selecting one of these names, the user can adjust the settings and properties of the corresponding light source on the tablet screen.

**Fixed Scenes:** The user also can choose a fixed scene or even create fixed scenes that will be much easier and create a better workflow without adjusting every single lighting when you need a slightly different approach to the scenery.

**Lighting Settings:** This allows for precise control and customization of the lighting for your personal preferences.



### 3. Lighting layout pixelplayground



(Received from student Ben. L.)