

ProtoPixel App User Manual

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Our user-friendly mobile app puts all lighting moods and setups in the palm of your hand. You can easily customize the user interface to fit the needs of each customer profile.

01 Set up

System Requirements

What you need to use the ProtoPixel App.

- An Android device with Android 11 or greater, or an iOS device with iOS 15 or greater
- A ProtoPixel installation (with a ProtoPixel Node or hubless)

Download the App

To download the App you can access your mobile application centers, such as the App Store in Apple or the Google Play Store for Android.



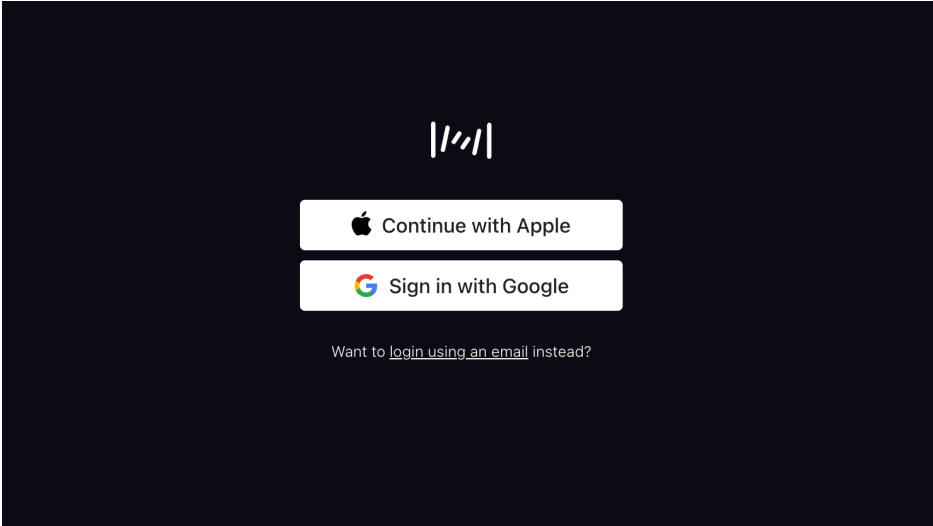
02 Getting Started

Create an account on My ProtoPixel

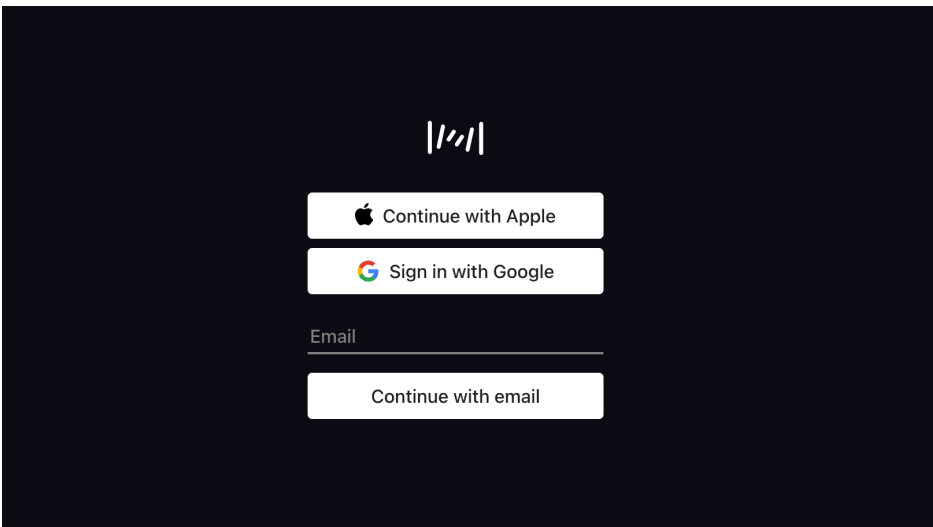
To get started, you have two options: create an account and login using your Google account credentials, or create an account using your email address and set a password!. Click on "Use email and password" to create an account using your own credentials.

Continue with Email

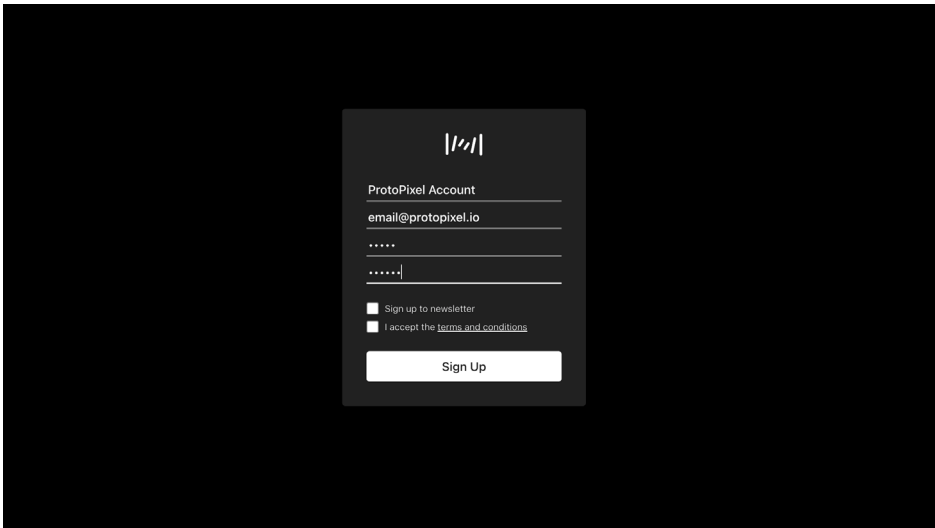
Click on “Sign me up” to create your account².



¹ Account creation screen



² Login



³Enter your email address and click on “Sign up”.

Next, enter your first and last name so we know who you are. Then click “Continue”. Create your password, which should include 8 characters, with at least one number and one capital letter for security reasons. Finally, you need to agree to the Privacy Policy and Terms of Use. You can also choose whether you would like ProtoPixel to send you emails with news about future launches and all of our activities. Then click “Sign up”. In order your account to be confirmed, you’ll need to go to your inbox and confirm your address with an email that we’ll send you.

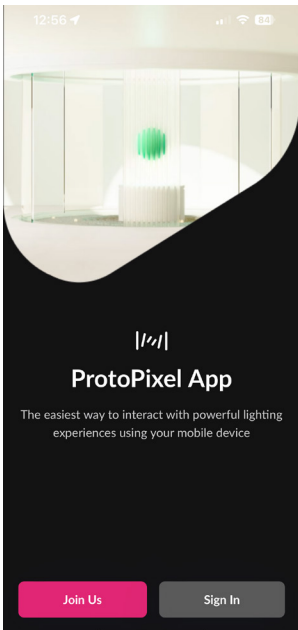
Log in using your My ProtoPixel Account

To begin using the ProtoPixel App, follow these steps:

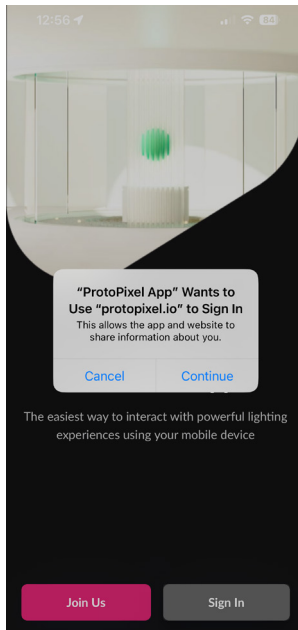
Open the ProtoPixel App ⁴. If it's your first time using the app or no account is currently logged in, you'll see a welcome screen with options to Sign in or Create an account (Join us).

If you already have a MyProtoPixel account⁵, sign in with your credentials. If you don't have an account, create one. You can use your Google account, Apple ID, or your email address to set up an account.

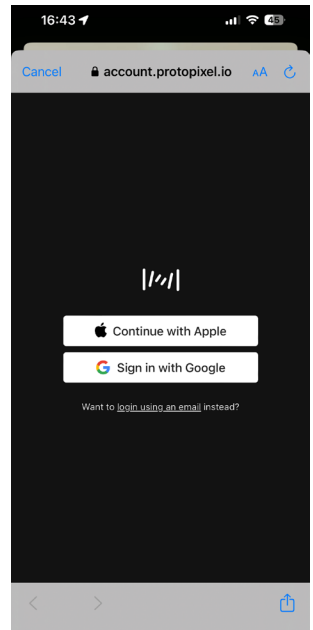
After logging in with an existing account⁶, you'll be redirected back to the ProtoPixel App, already logged into your account. To end the session, select the options¹⁰ button, and click on Logout.



⁴ ProtoPixel App Home Screen



⁵ Use your ProtoPixel Account to sign in



⁶ Available methods for registration

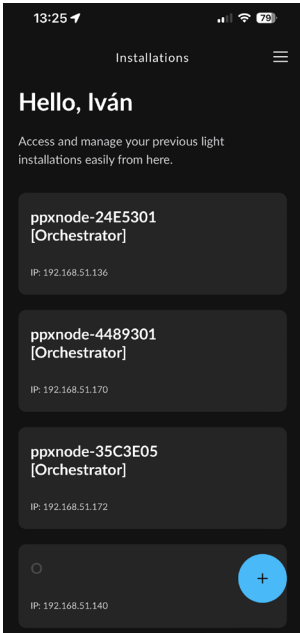
Access to an installation

The installations listed are the ones that have been created using the ProtoPixel Project Tool.

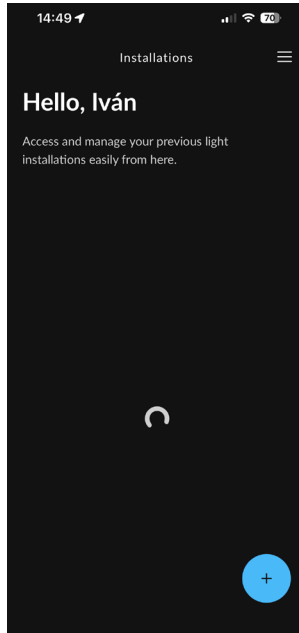
Once you have logged in using your MyProtoPixel account, you will land in the welcome view of the ProtoPixel App. In this view, you will be able to see all the Nodes that are connected to the network you are in⁷. To access the installation running on a node, click on the node you want

to access from the list. Make sure you are on the same network as the node you are trying to reach. If there are no nodes available in your network, you should see something like figure 8 below. If, for some reason, a node that you had previously accessed is no longer reachable,

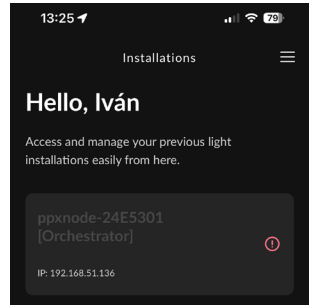
you'll see an alert icon next to it⁹. You should check your device and/or node connection. To disconnect from an installation, navigate to the "Options" menu and select "Go to Installations". This will redirect you back to the list of installations.



⁷List of Available Nodes



⁸No nodes available in the network

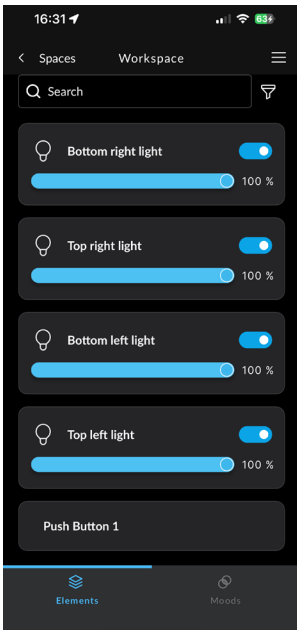


⁹Alert of unreachable Node

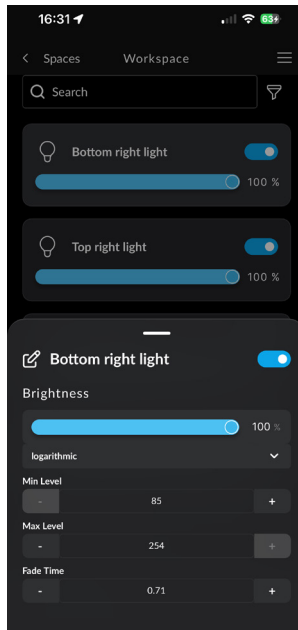
03 Elements Management

Control your luminaires

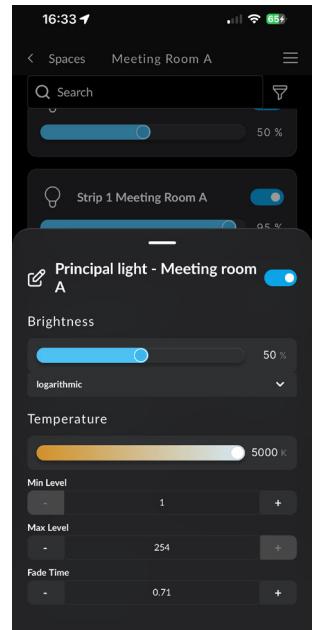
To control a luminaire, you need to select it from the Elements list. This action will automatically open the properties panel. In the properties panel, you will find the selected luminaire's capabilities displayed.



¹⁰ Overview List of Luminaires



¹¹ Fine tuning for Brightness



¹² Fine tuning for Temperature

Capabilities Control

You will only see the selected luminaire's capabilities, which may include:

Brightness

Drag the brightness bar to change the luminaire brightness, from 0% to 100%. The brightness will be limited to the min and max level configured in the DALI ballast.

Color Temperature

Drag the color temperature bar to change the luminaire color temperature. This value will be limited to the min and max kelvin levels configured in the DALI ballast.

OnOff

For turning on or off the luminaire just tap on the switch included at the top-right of the luminaire area.

Configuration and fine tuning of capabilities:

Min Level

The minimum brightness level that the luminaire can reach

Max Level

The maximum brightness level that the luminaire can reach

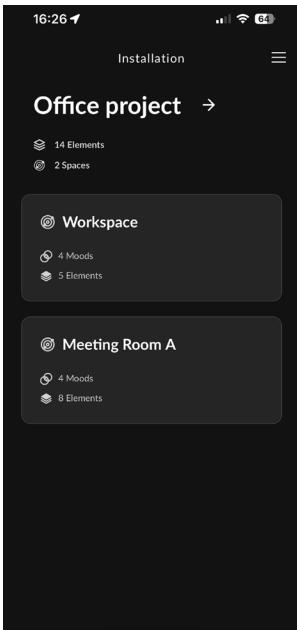
Fade Time

The period of time it takes for the luminaire to turn on or off

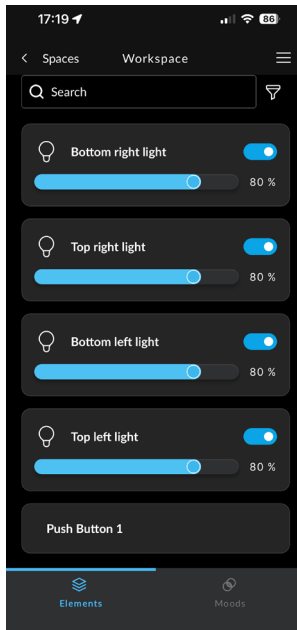
04 Spaces

Manage your Spaces

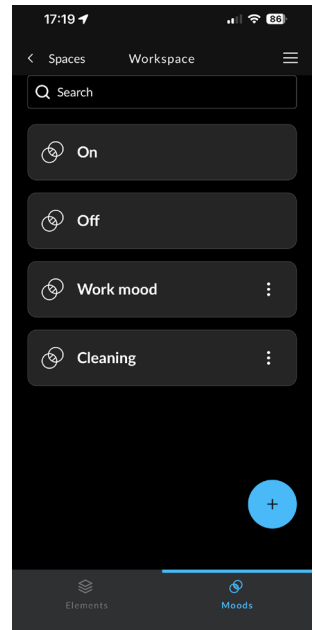
When accessing the ProtoPixel App, you'll see all the spaces created in the Project Tool installation. You can access to them, manage all their elements, see their moods and create new ones.



13 Overview List of Spaces



14 Fine Tuning within a Space

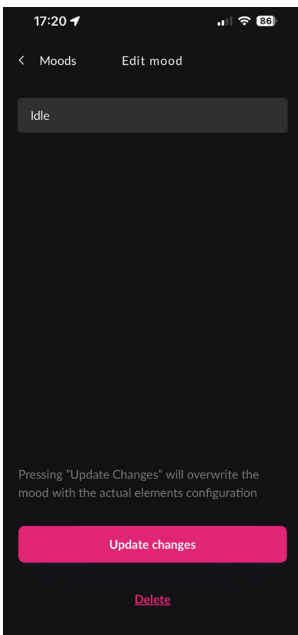


15 Four accessible Moods within a Space

05 Moods

Create a Mood, Edit and Delete

A Mood is a screenshot of the element's capabilities. First, you need to configure all the brightness, color temperature etc., on all the elements of the Space you are creating the mood in¹². Then, select the Space on the element's list, navigate to the "Moods" tab¹⁵ and tap the (+) button. Write a name for the new mood and then tap "Capture". The mood will now be added to the Space Moods' list.



- A. To edit or delete a mood, first adjust all the luminaires to your desired values. Remember that when you perform an edit, the current configuration of the elements will replace the previous configuration that was saved in the mood.
- B. Navigate to the Moods tab.
- C. Click on the Options¹⁷ icon on the mood card.



- D. On the screen, you'll be able to:

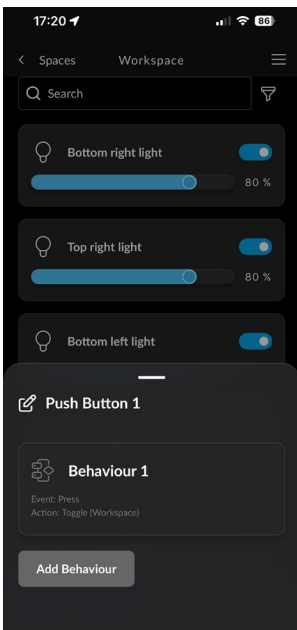
- Change the Mood name
- Update the mood with new values and new name
- Delete the Mood

¹⁶Change a Moods Name, or Delete

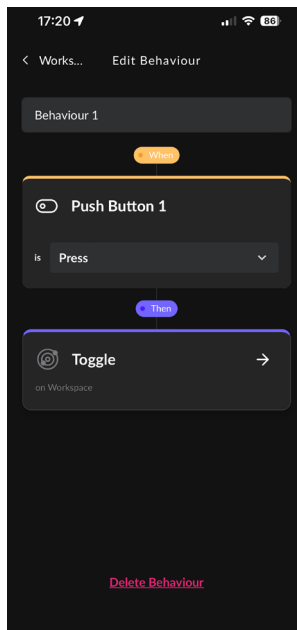
06 Behaviours

Create a Behaviour for a Button

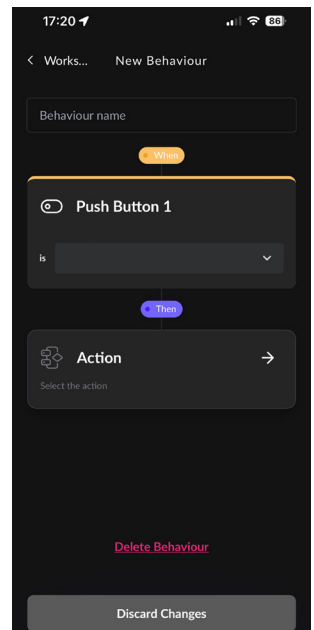
A Behaviour is the action that an element, such as a sensor or a button, triggers when it receives a command. To create a Behaviour, select a push button already placed on a Space from the elements list. Then, click “Add Behaviour” on the options panel¹⁷. Next, you will see the “Create Behaviour”¹⁸ screen. Finally, select the event on the first card and the action you want to be triggered on the second card¹⁹.



¹⁷ Configure a Push Button and a Behaviour



¹⁸ Edit Behaviour



¹⁹ Select Action after Push Button

Button options

For buttons, depending on the element you have, you have several options to choose between. Some of them could be:

Short Press

A quick press on the button.

Long Press

Holding the button down for a few seconds

Release

When the button is released

Once you have selected the action you can save the behaviour and it will be showed on the Behaviours section of the Options panel. You will be able to see all the behaviours on the Push button Properties panel. To edit any Behaviour, click on the Behaviour card (they appear on the Push Button Properties). You can't have more than one action per type of event.

Create a Behaviour for an Occupancy Sensor

To create a behavior for an occupancy sensor, you need to select it from the elements list. Please keep in mind that the sensor needs to be included in at least one space. Next, click on the 'Add behavior' button. You have to select whether the behavior you are defining will occur when the room is occupied or vacant. Then, choose the action that will be triggered, which can involve turning the space on or off, or applying a mood. If you choose a mood, you will need to select one from the moods you have created for that space. You can also define the idle value, which represents the state the space will assume after a certain period of no movement detection. Once you have defined all aspects of the behavior, click on Save.

For more information
and inquiries, contact
us at protopixel.io