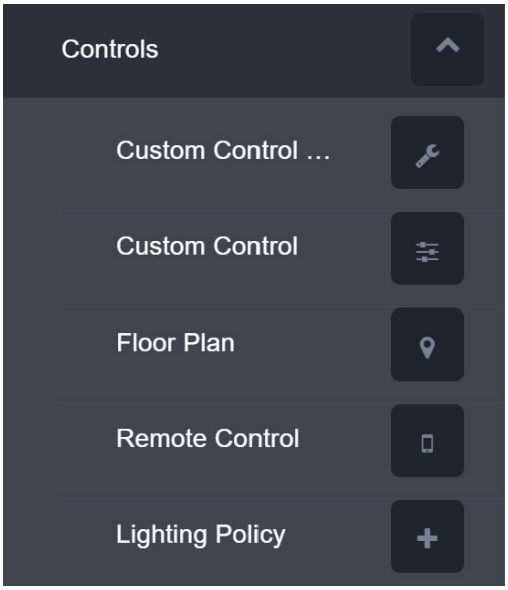
Controls

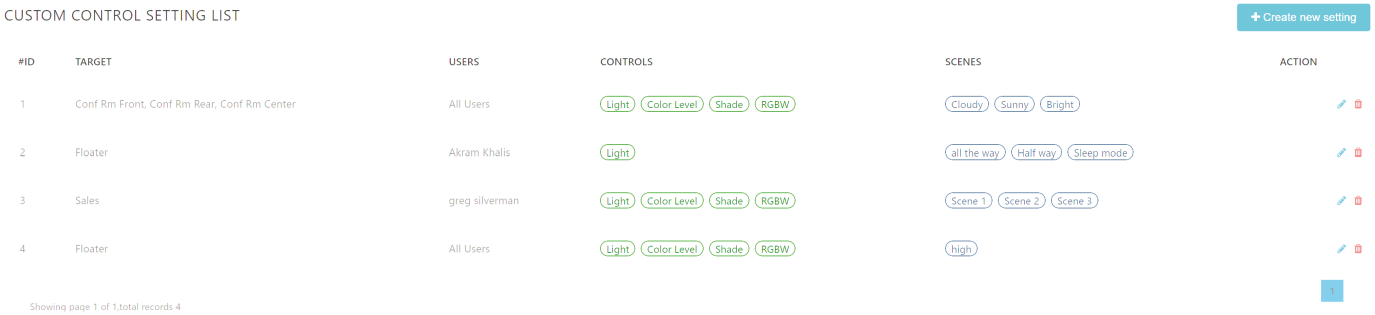


The Control group of devices are where controls and policies can be tested and programmed in this section we will dive into greater detail on the individual pages associated with the Controls Navigation tab.

Custom Control Setting List

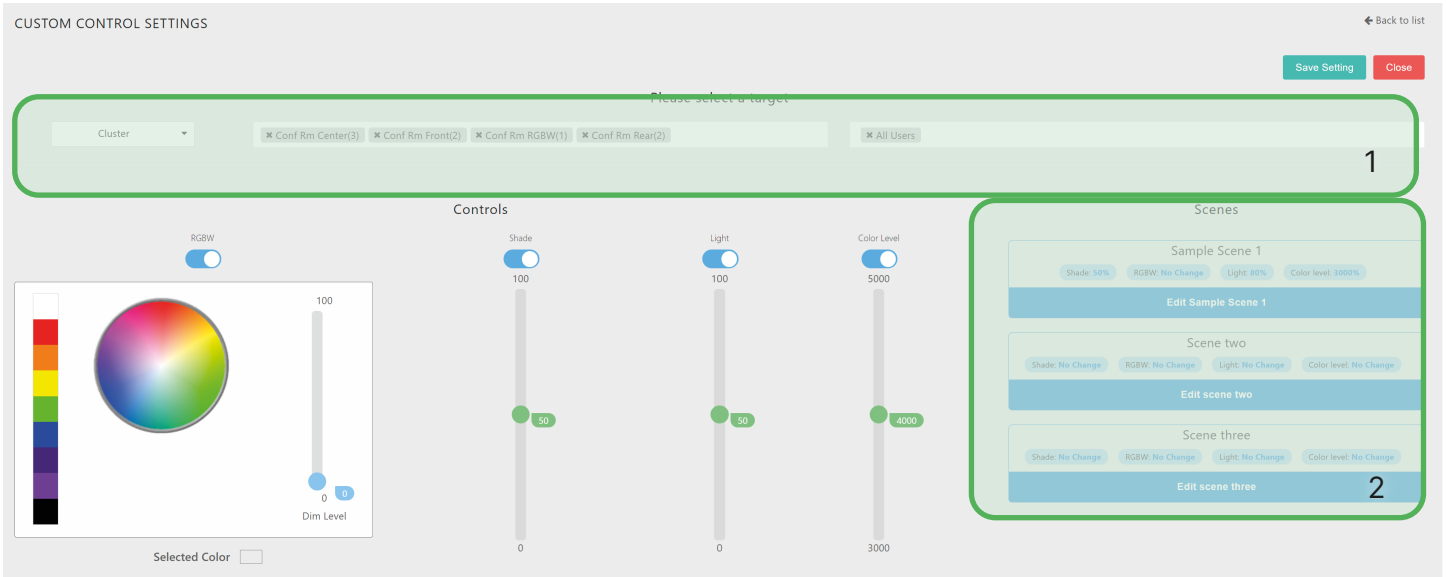
This Page is dedicated to assigning Cluster specific commands. It allows the administrator to configure a series of scenes that can be controlled from the custom control page. It is just another way that users can control the environment in their specific space.

When opening this page as an admin you are presented with a list of all configured settings it will list the targets, Users who can access them, the controls that are modifiable and the defined scene names.



New Custom Control Setting

Pictured below is the definition page presented when adding a new custom control setting. In this section we will review the parameters that can be adjusted when configuring custom controls for the user.

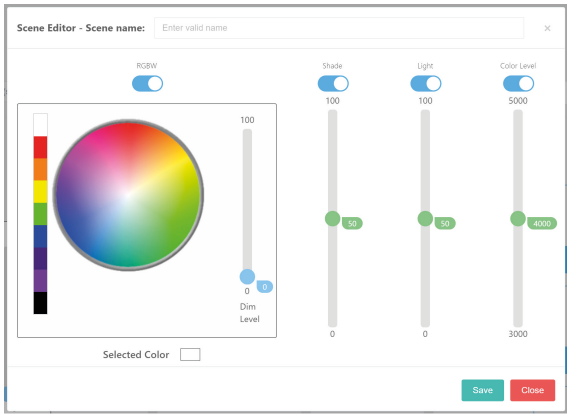


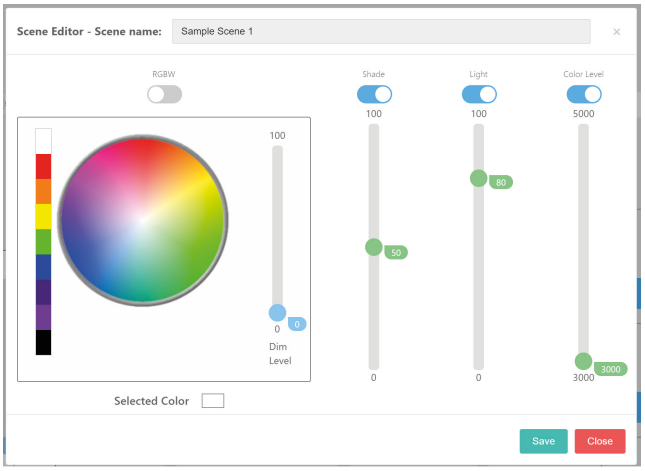
Panel 1: Selecting Target

When working with panel 1 it is important to select the cluster that you would like to configure the scenes for as well as the user that is allowed to access these scenes. This section can actually set the scenes in multiple clusters as well as provide the access to all or multiple specific users.

Panel 2: Scene Editor

In panel 2 the Edit Scene button allows you to declare edit the scene when selecting the edit scene option you will be presented with the pop out that is illustrated here. You will be required to provide a scene name and adjust the bars to setup the appropriate scene.

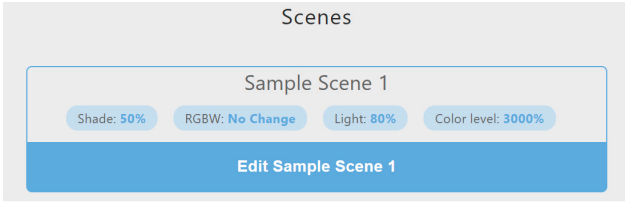


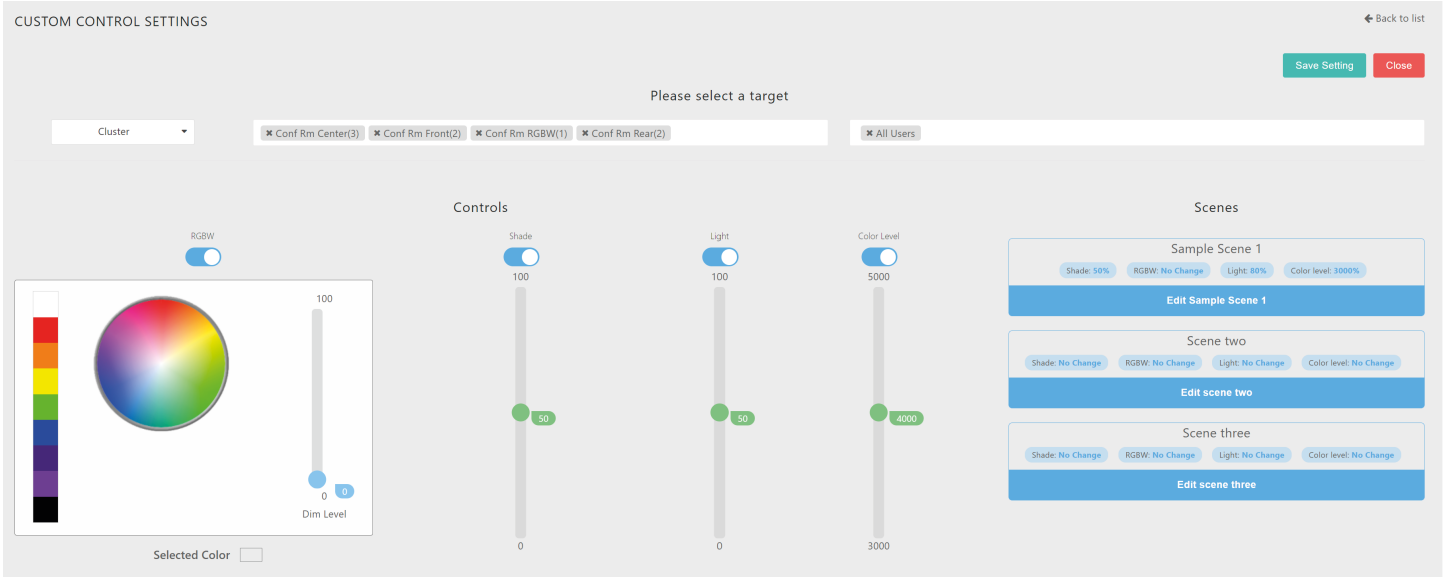


In the Example on the right you can see that “Sample Scene 1” is adjusting 3 Settings. It is adjusting the shades to 50%, The Lights to 80% and the Tunable White lights to 3000K.

Settings Apply to All Lights in the Declared Cluster in the Previous Page

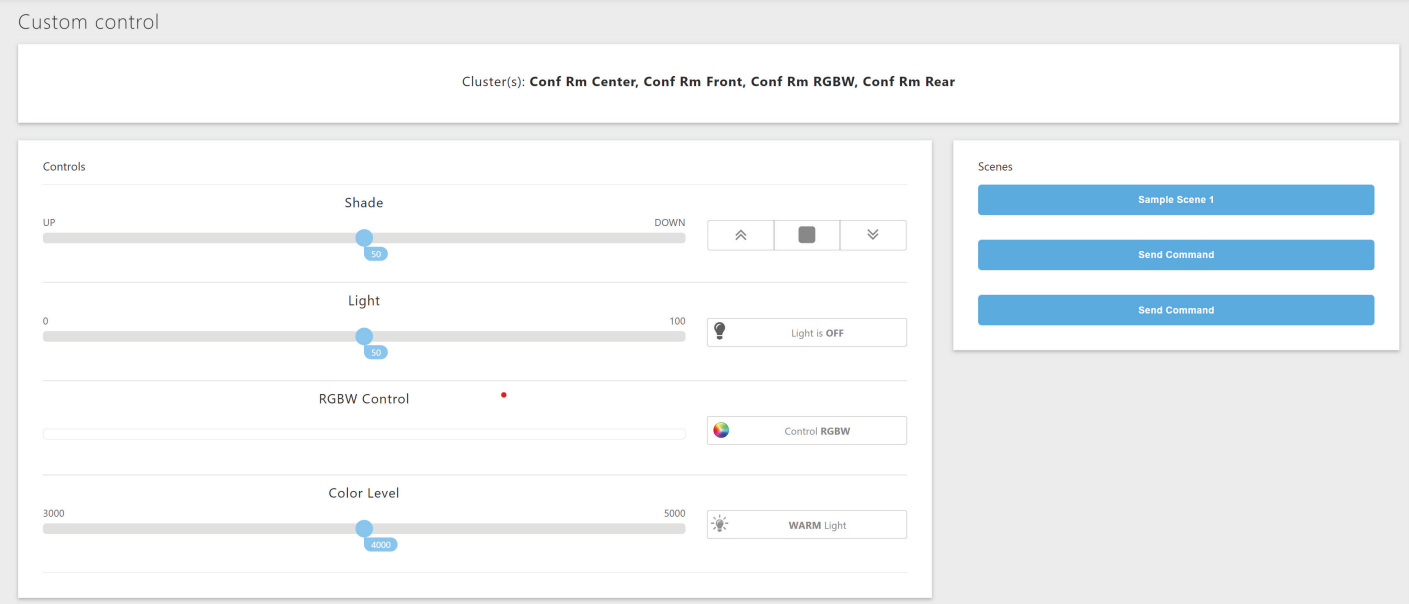
After Saving the settings we can confirm the settings were saved appropriately and that the new name has been accepted. If you save the Control Setting it will populate the List with your defined scenes accessible from the Custom Controls Page. That will be outlined in the next section.





Custom Control

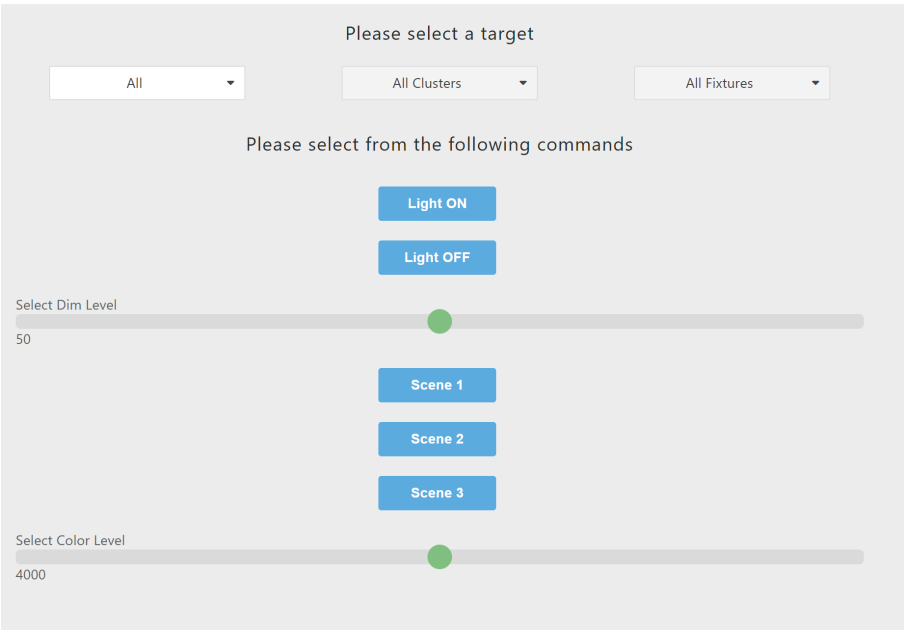
In the previous section we discussed what it looked like to configure Custom Control Settings. In this section we are going to talk about how to access those custom controls and utilize them. The Object of providing custom control is to allow the user to have more freedom over the control of the lights in there space without effecting any other aspect of the system.



In the previous section we created a custom control setting that granted access to the clusters in the conference room and allowed all users to access the clusters. It is now presented under the custom control tab and allows the user to access “Sample Scene 1” and the Lights and Shades in the associated clusters.

Remote Control

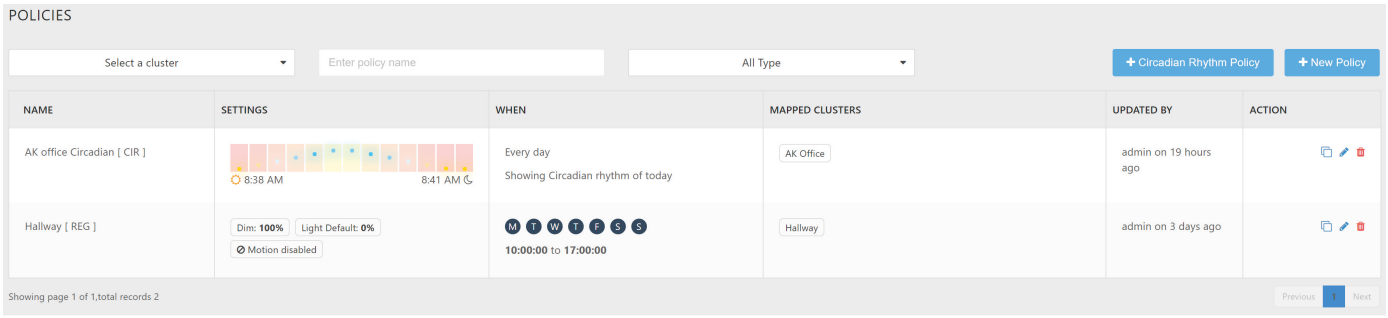
The Remote Control page is generally what we would refer to as the “Admin Controls Page” this page allows pointed controls of the individual fixtures and clusters of fixtures. These commands override the current cluster settings to validate light functionality. When utilizing this page if you select the target cluster from the system the “dim level” and “color level” will reflect the state of the cluster currently.



What sets the Remote Control section apart from the Custom Controls is the granularity of control. The Remote Control page can select individual driver channels to set dim level.

Lighting Policy

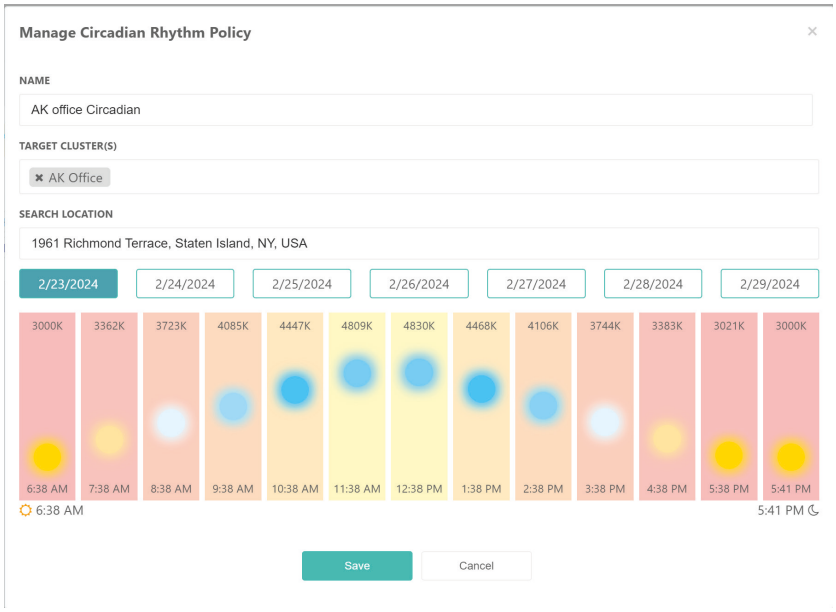
The lighting policy page is where the user can view, modify and create scheduled lighting control scenarios. In the screenshot below we have two different policy types. These policy's influence the clusters directly without the need for user input.



Circadian Rhythm [CIR] Policy:

The Circadian Rhythm policy as denoted in Policy 1 utilizes the cluster location in the settings and the frequency of policy repetition to simulate the human circadian rhythm for the environment associated. Displayed on the right is the policy being edited. This page is presented when selecting the edit key on the desired record which is the "pencil" icon.

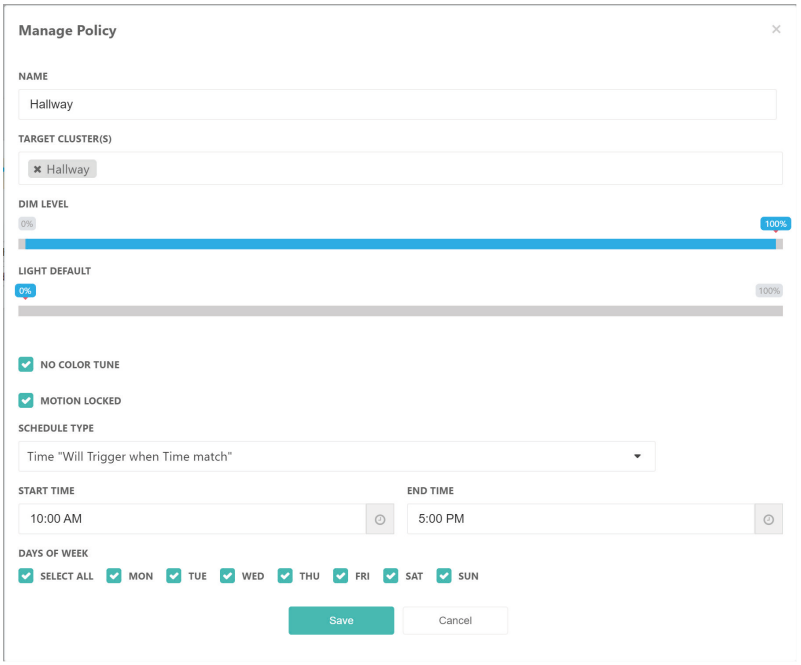
In the example provided the diagram shows hourly intervals and the clusters lighting will change to match the color of the sun as it moves throughout the sky. This provides support for the hypo-thalamus to help regulate the release of melatonin in our system.



Lighting Policy [REG] Policy:

A standard lighting policy as shown to the right, is utilized to conform to an SOO or sequence of operations.

In the scenario provided we have are forcing the lights to stay in the on state at 100% from the hours of 10:00am to 5:00pm every day. We have also chosen the Motion Locked which will ignore motion events and how they effect the space during the policy's effective.

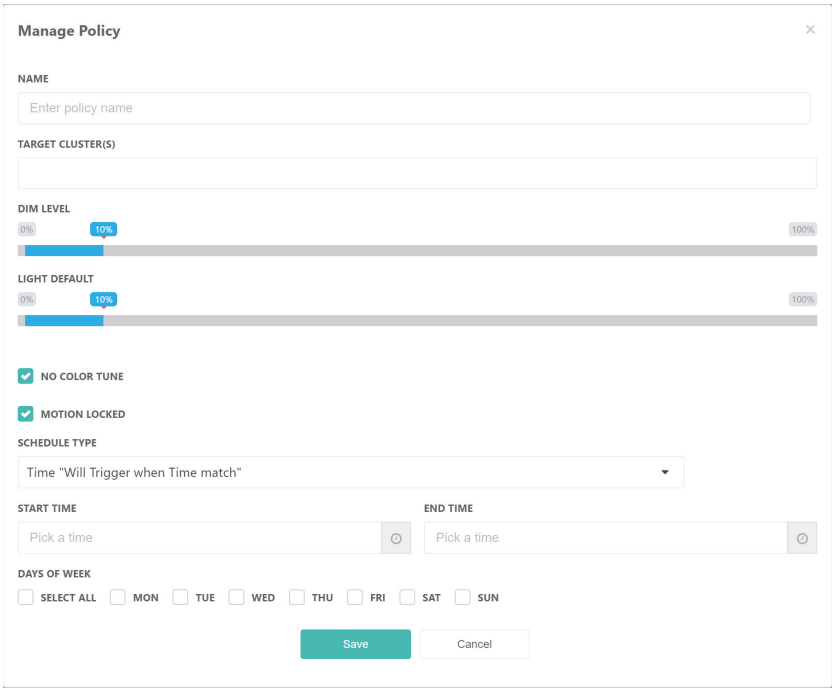


New Lighting Policy

In the previous section we introduced you to Lighting policies as well as provided context on there use cases. In this section we are going to review the procedure to creating the two different types of Lighting Policies.

Create New Lighting Policy:

When selecting the “new policy” from the Lighting Policies Main page you will be presented with the page shown to the right. Below we will provide context on the settings listed here.



Name:

It is important to provide the policy with an appropriate name as depending on the size of your installation it will be important when making future adjustments to the policy

Target Cluster(s):

Target Clusters allow you to provide the system with a series of clusters that this Policy will apply to. If you would like all hallways or room types to follow this policy then create one policy to affect all clusters the same by adding them all.

Dim Level:

This slider allows you to set the brightness of the lights during the policy’s implementation.

Lighting Default:

This slider returns the lights to the default state following the end of the policy

No Color Tune:

While this setting is checked it will apply the Lighting policy without effecting the color tuning fixtures. If the clusters in the list have a Circadian Rhythm Policy leave this box checked.

Motion Locked:

This is not currently used in this release please leave this checked during deployment

Schedule Type:

Time and Date “Will Trigger when specific date match”

This setting allows you to select a specific date and a Time to execute this policy this is helpful when a business is closed as lighting will stay off based on preset dates and times

Time” Will Trigger when Time Match”

This setting is utilized for daily re-occurring policies that are utilized at minimum weekly if not daily it uses day of the week and time of day to trigger the policy.

Circadian Rhythm [CIR] Policy:

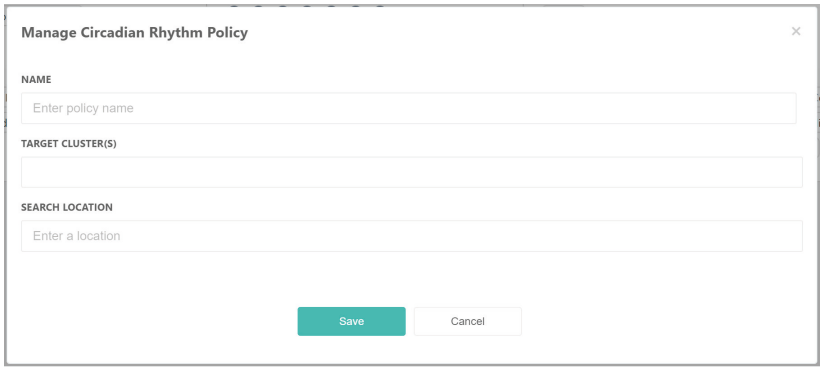
When selecting the “Circadian Rhythm Policy” from the Lighting Policies Main page you will be presented with the page shown to the right. Below we will provide context on the settings listed here.

Name:

It is important to provide the policy with an appropriate name as depending on the size of your installation it will be important when making future adjustments to the policy

Target Cluster(s):

Target Clusters allow you to provide the system with a series of clusters that this Policy will apply to. If you would like all hallways or room types to follow this policy then create one policy to affect all clusters the same by adding them all.



Search Location:

The search location utilizes the google maps API to auto-fill the text entered after accepting the text entry from the auto-fill list generated it will automatically generate the locational data needed to create the Circadian Rhythm Policy.