![Biosystems logo]

Biolumen

Pro Control quick setup guide

USER GUIDE

biosystems-tmc.com

Biolumen Pro Control Quick Start

Connecting your Biolumen Pro Control

> **1** Connect the Biolumen Pro Control via the ethernet port either directly to a PC/laptop, or to the same LAN (local area network) as the PC/laptop is connected to.

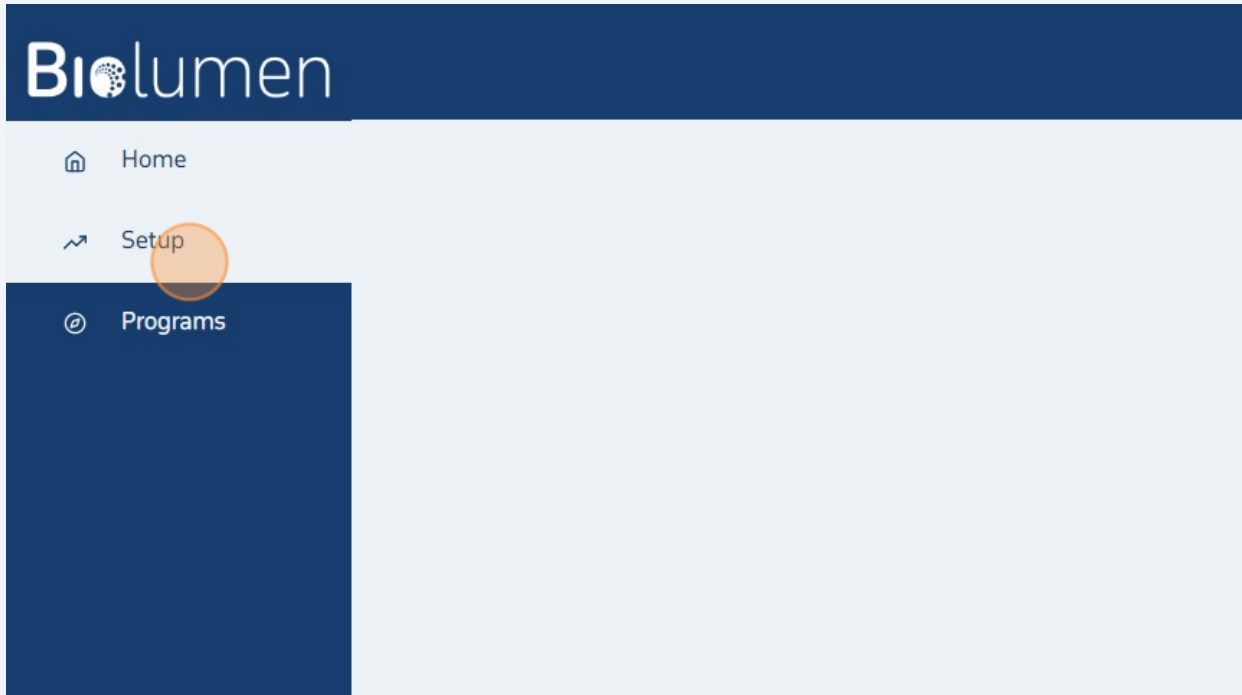> (i) Tip! Please ensure the device you are using is connected to the same network.

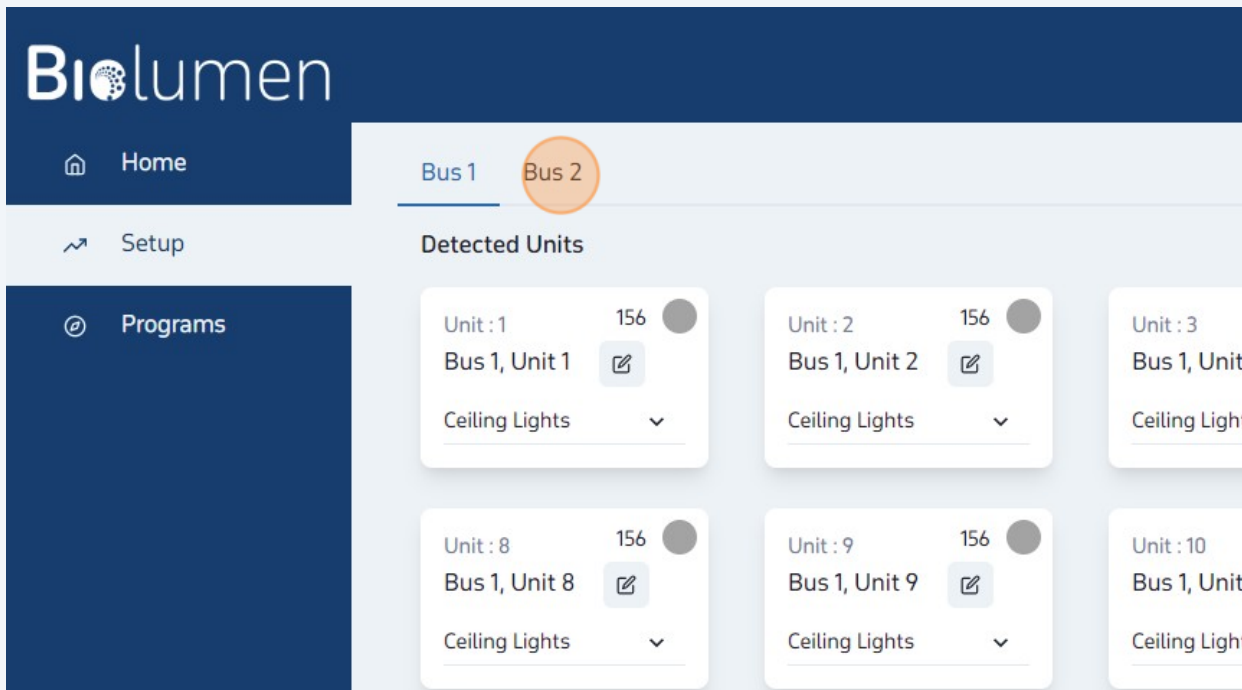> **2** Ensure that the Biolumen Pro Control is powered on.

> **3** Open a web browser and navigate to **http://autodali-XXXXXX.local/#**, where XXXXXX is the serial number labelled on the controller.

Light Units and Groups

4 Click on the Setup tab.

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5 Select the control Bus that you want to work with. The connected Units will be displayed. The Light Units can be renamed by clicking on the pencil icon on each Unit tile.

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Bus 1   Bus 2

Detected Units

| Unit : 1 | 156 ⬤ |
| Bus 1, Unit 1 ✎ |
| Ceiling Lights ⌄ |

| Unit : 2 | 156 ⬤ |
| Bus 1, Unit 2 ✎ |
| Ceiling Lights ⌄ |

| Unit : 3 |
| Bus 1, Unit |
| Ceiling Light |

| Unit : 8 | 156 ⬤ |
| Bus 1, Unit 8 ✎ |
| Ceiling Lights ⌄ |

| Unit : 9 | 156 ⬤ |
| Bus 1, Unit 9 ✎ |
| Ceiling Lights ⌄ |

| Unit : 10 |
| Bus 1, Unit |
| Ceiling Light |

ℹ Tip! "Bus" refers to the white control signal cables that are used to connect to the light drivers. There are two Bus outputs on the underside of the Biolumen Pro Control. Each Bus is a separate single cable run, and can be used to control up to 64 light drivers.
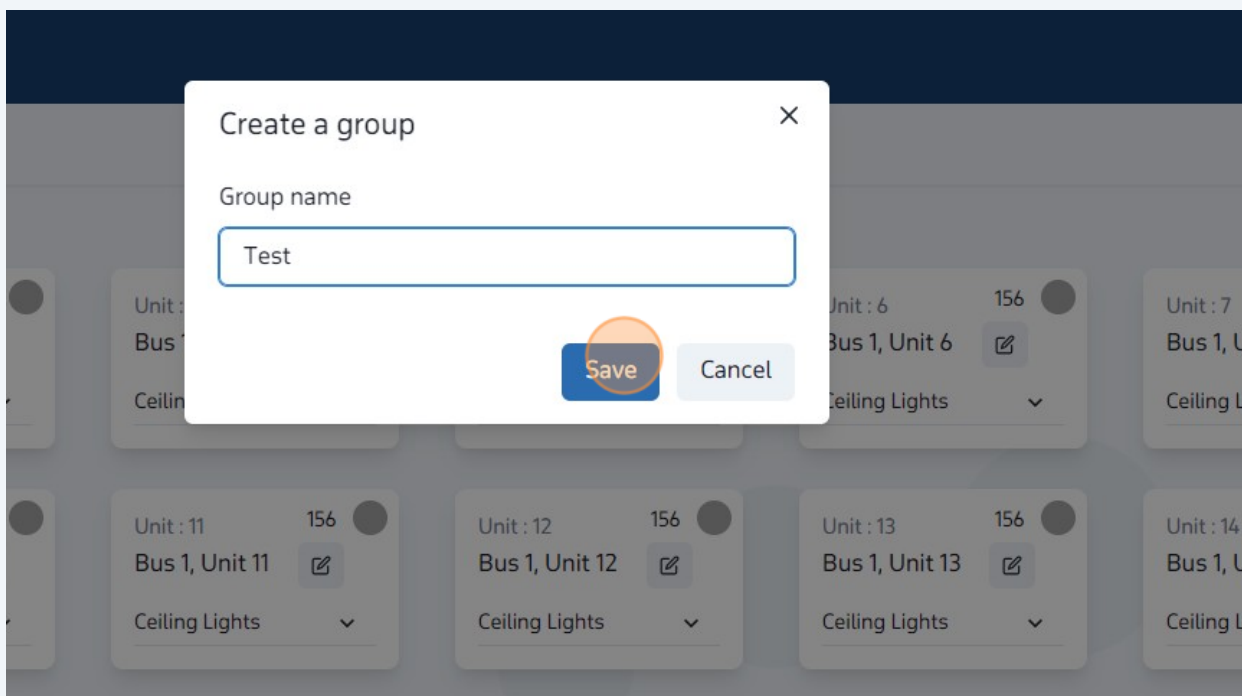
6   Click this icon to add a new Group.
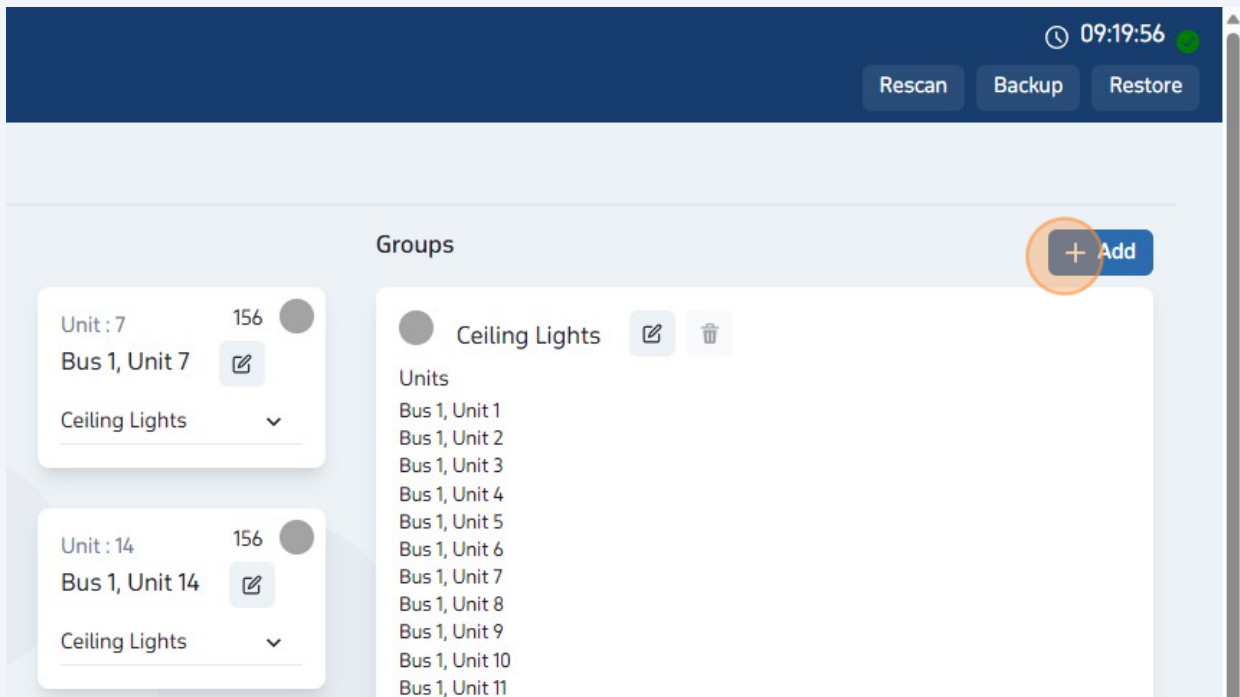
ℹ Tip! A Group is used to group Light Units together, so that a lighting Program can target all the lights in the Group.

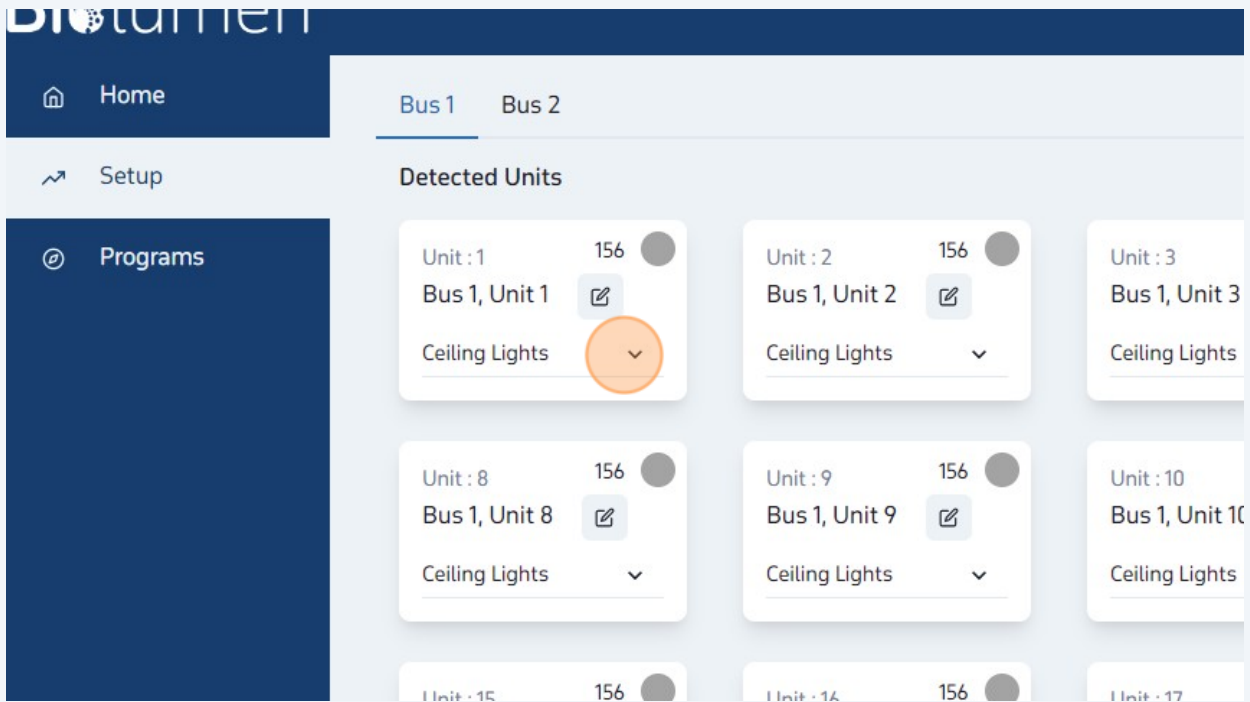**7** Click the "Group name" field and enter the chosen name of your new Group.
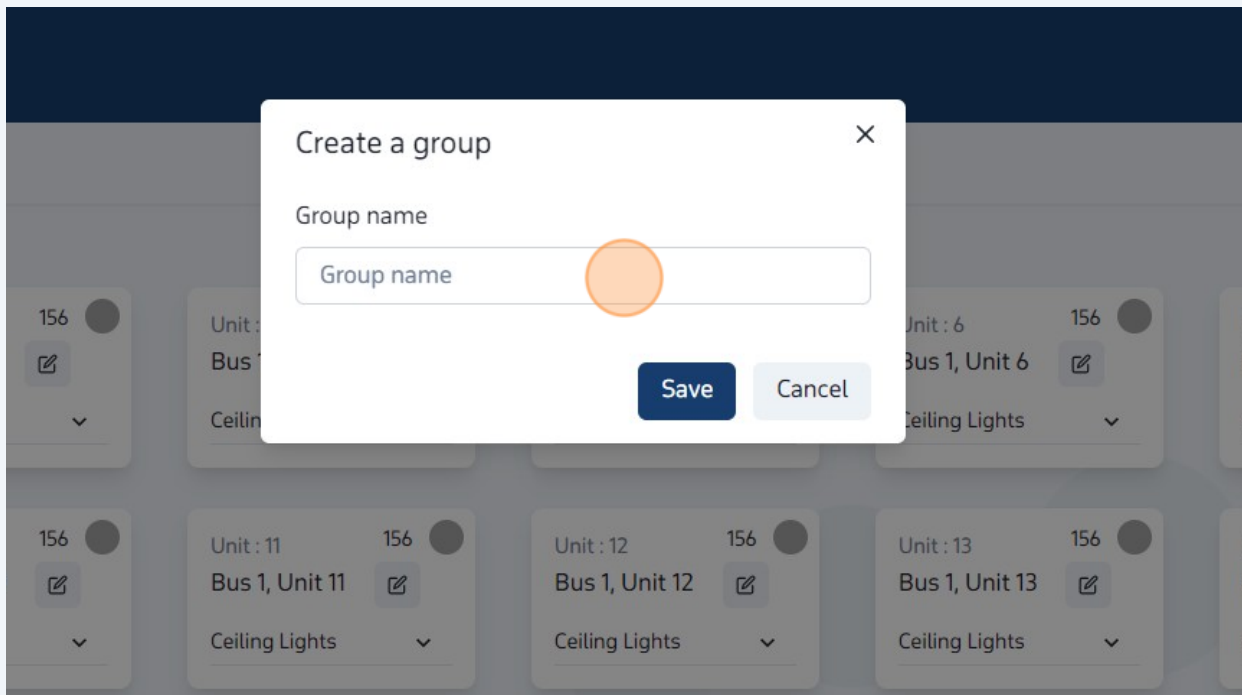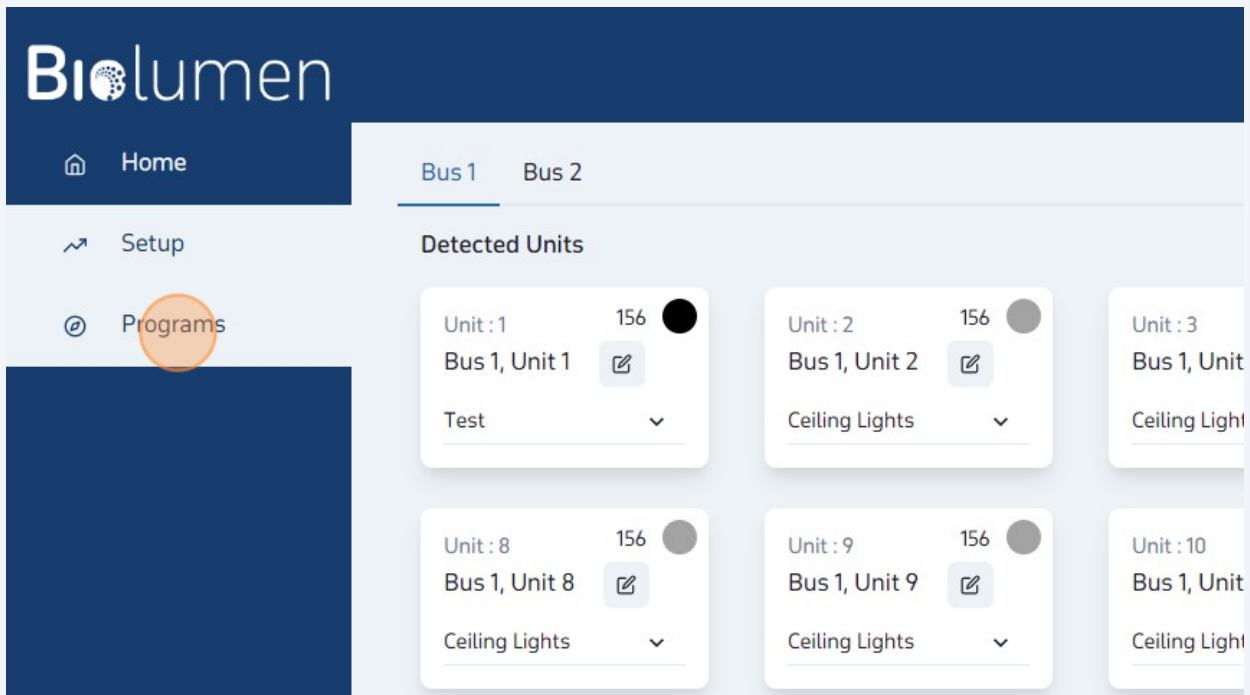

8 Click "Save"

9   Select the required Group from the dropdown to assign the Light Unit to that Group.
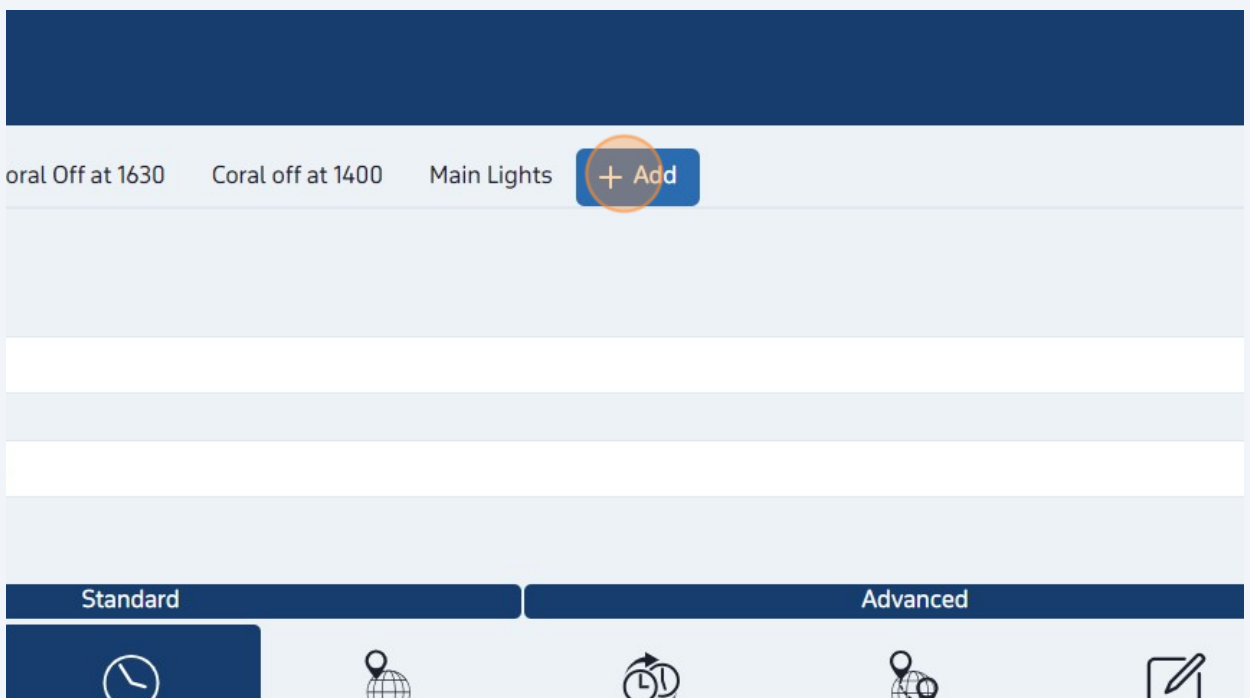

ℹ️ Tip! Each Group will have a colour associated to it. When a Light Unit is assigned to a Group, the circle on the top right of each Unit tile will reflect the Group colour, making it easier to identify which Light Units have been allocated to the Group.
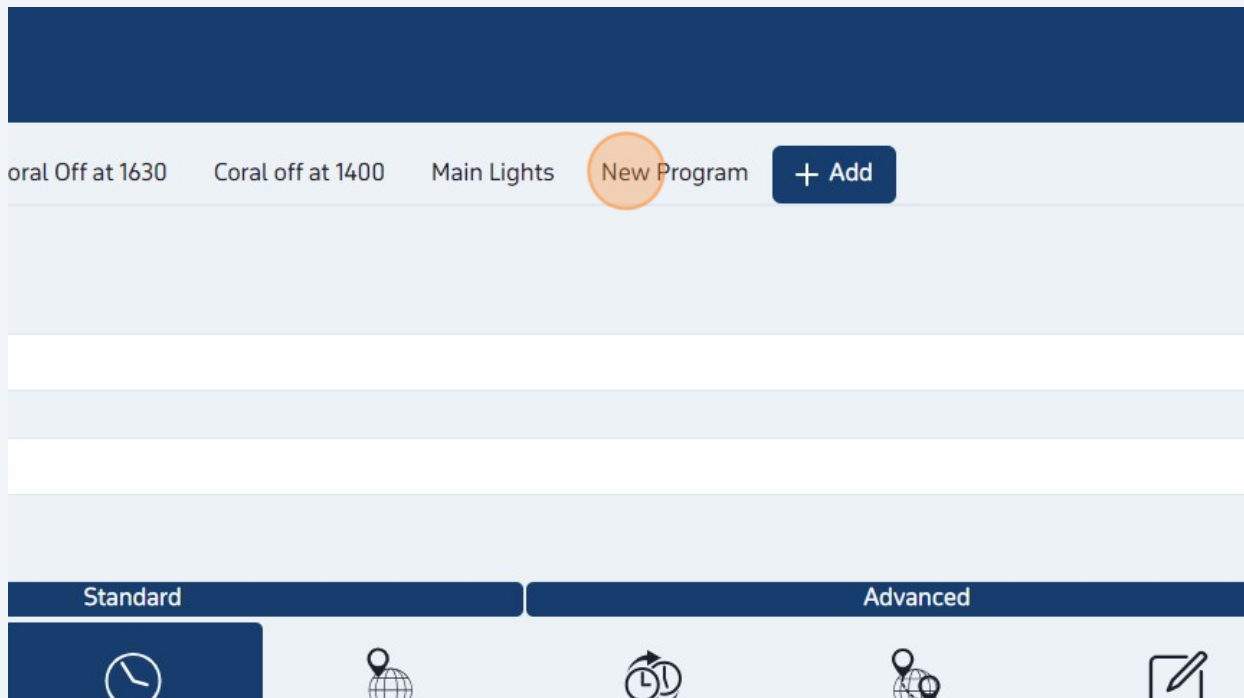
Programs

Biosystems

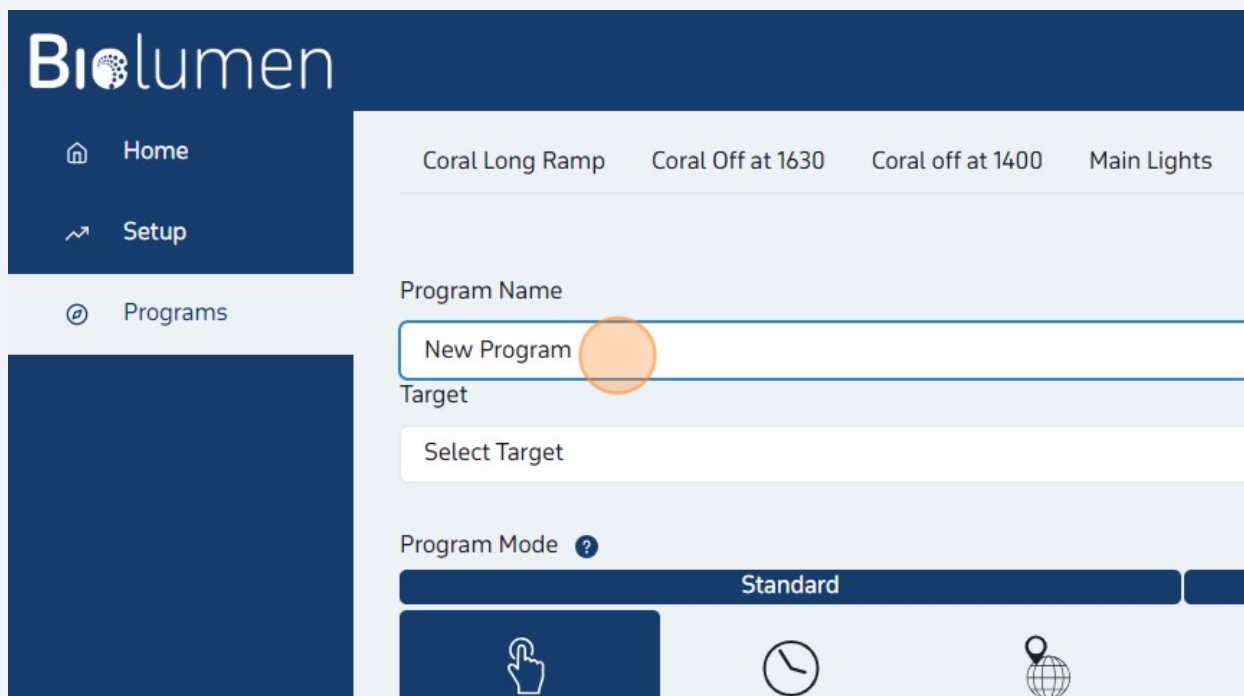**10** Click on the Programs tab.

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⊘ Programs

Bus 1   Bus 2

Detected Units

Unit : 1	156 ●
Bus 1, Unit 1	☑
Test	⌄

Unit : 2	156 ●
Bus 1, Unit 2	☑
Ceiling Lights	⌄

| Unit : 3 |
| Bus 1, Unit |
| Ceiling Light |

Unit : 8	156 ●
Bus 1, Unit 8	☑
Ceiling Lights	⌄

Unit : 9	156 ●
Bus 1, Unit 9	☑
Ceiling Lights	⌄

| Unit : 10 |
| Bus 1, Unit |
| Ceiling Light |

11 Click "Add" to create a new Program.

oral Off at 1630   Coral off at 1400   Main Lights   **+ Add**

Standard   Advanced

🕐   📍   🕐↻   📍↻   ✎

12 Click "New Program"

oral Off at 1630   Coral off at 1400   Main Lights   New Program   **+ Add**

Standard	Advanced

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13 Click the "Program name" field and enter the chosen name of your Program.

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Coral Long Ramp   Coral Off at 1630   Coral off at 1400   Main Lights

Program Name

New Program

Target

Select Target

Program Mode ❓

Standard	

14 Click this dropdown and select the Group you want to target the Program to.

15 Create your Program. 'Manual' sets a permanent lighting level. 'Simple' allows for an on/off ramp photoperiod. 'Solar' will vary the length of photoperiod based on an entered geographical location. The 'Drift' modes allow for a transition from one program to another over a set number of days. 'Custom' requires a user dataset, creating any possible required photoperiod.

16 Once your program is targeted and setup, click "Save".
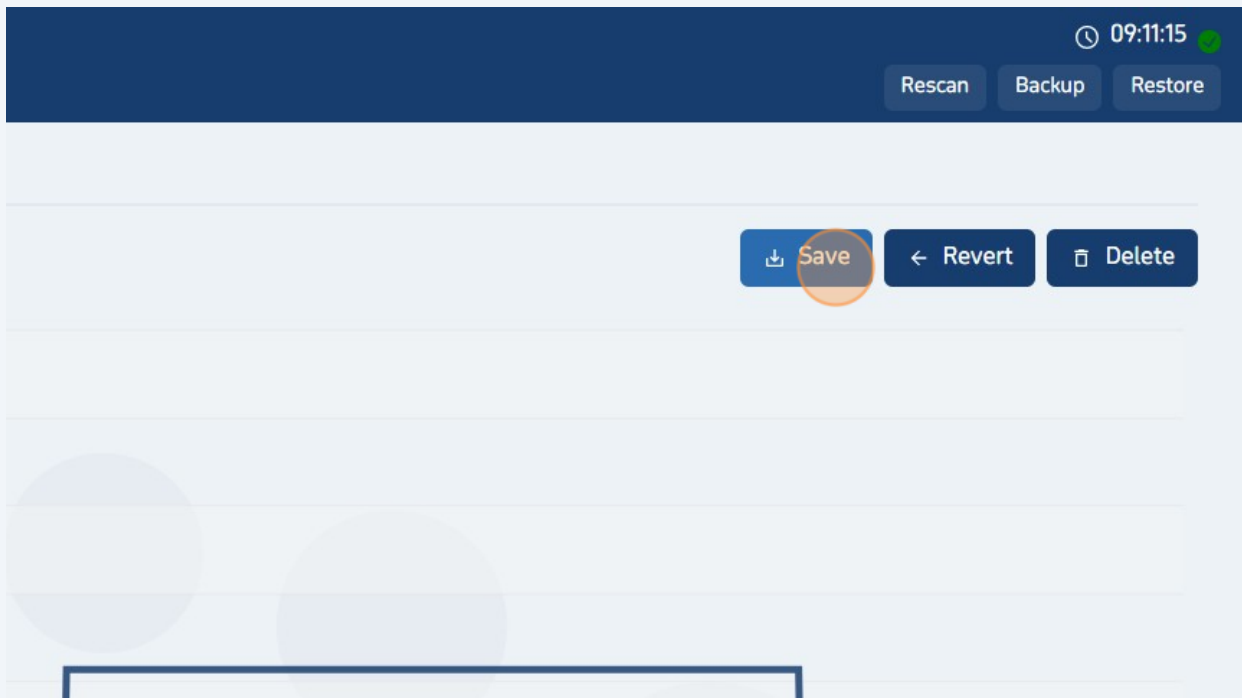
17 Your Program will now be applied to the selected Group of lights.

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