

FUNCTION AND CONFIGURATION INSTRUCTION

(MC079D IR ZB1 & MC079D 99 ZB1)

1. Create a network and network setting (Figure1.1-Figure1.7)

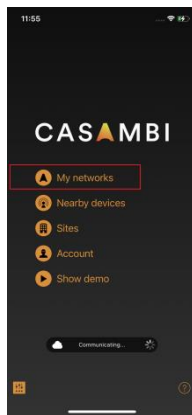


Figure 1.1

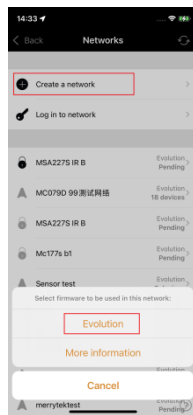


Figure 1.2

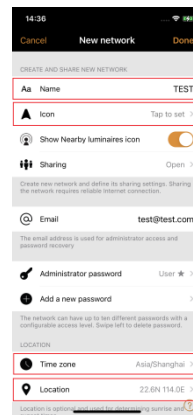


Figure 1.3

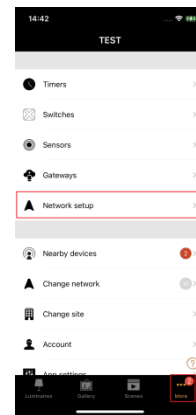


Figure 1.4

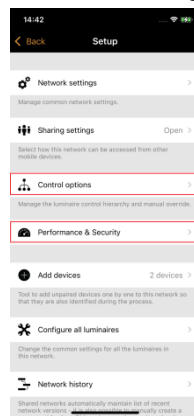


Figure 1.5

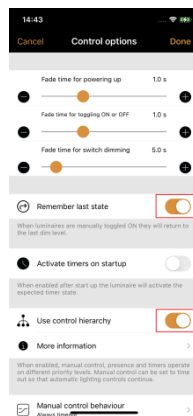


Figure 1.6

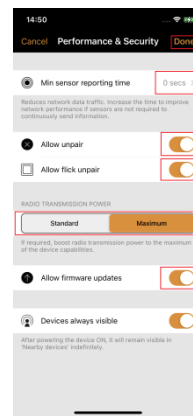


Figure 1.7

2. Add or unpair devices

1) Add devices (Figure 2.1-Figure 2.4)

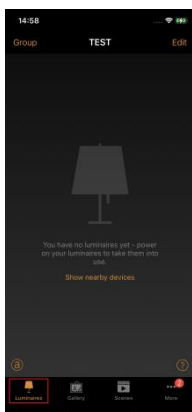


Figure 2.1

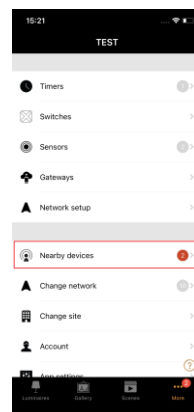


Figure 2.2

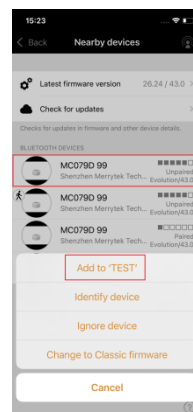


Figure 2.3

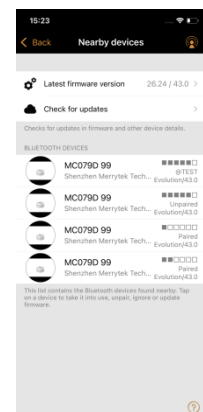


Figure 2.4

2) Unpair devices: Unpair the devices from the local network (Figure 2.5-Figure 2.8), Unpair the devices from the other devices (Figure 2.9-Figure 2.12)

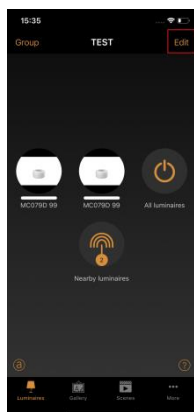


Figure 2.5

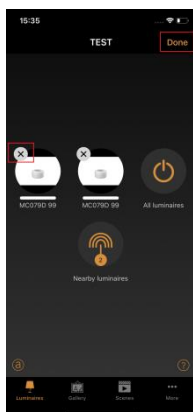


Figure 2.6

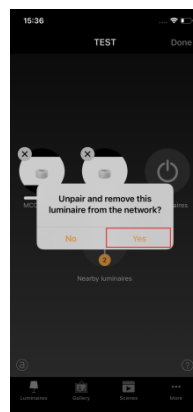


Figure 2.7

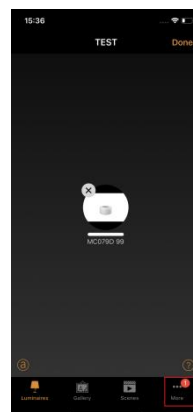


Figure 2.8

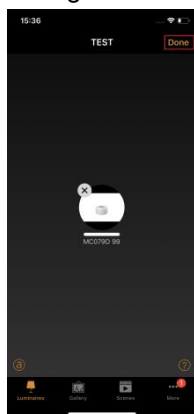


Figure 2.9

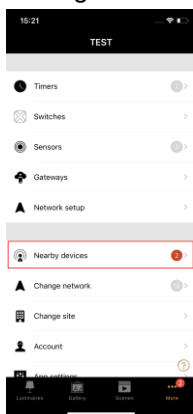


Figure 2.10



Figure 2.11

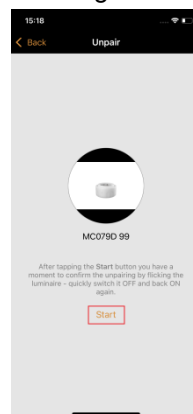


Figure 2.12

3. Sensor parameters setting (Figure 3.1-Figure 3.6)

When the sensor is installed in a metal lamp, on a metal reflective surface, or in a narrow closed environment, please use 'Low Sensitivity' mode.

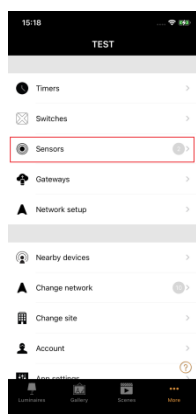


Figure 3.1

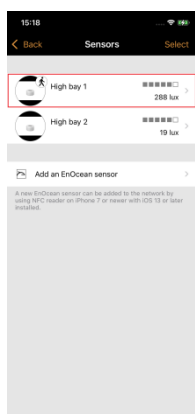


Figure 3.2

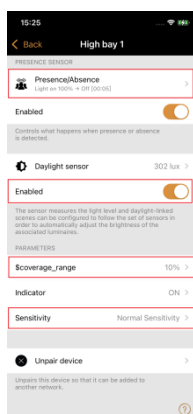


Figure 3.3

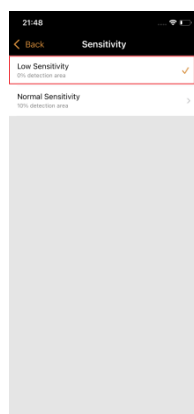


Figure 3.4



Figure 3.5

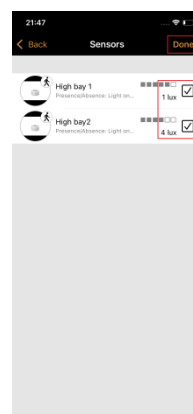


Figure 3.6

4. Add scene

1) Add light on scene (Figure 4.1-Figure 4.5)

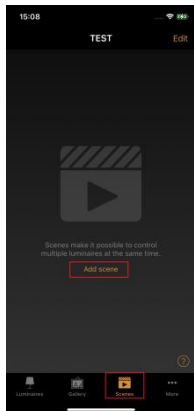


Figure 4.1

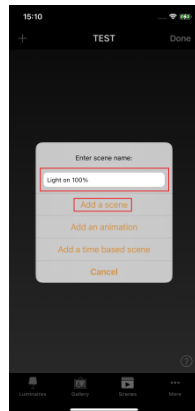


Figure 4.2



Figure 4.3

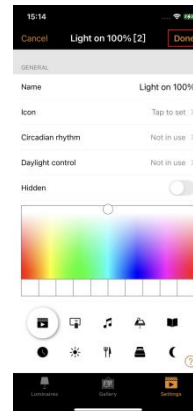


Figure 4.4

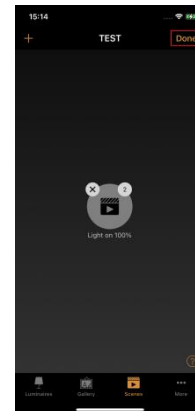


Figure 4.5

2) Add light off scene (Figure 4.6-Figure 4.11)

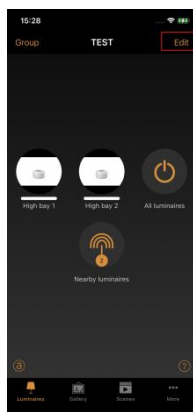


Figure 4.6

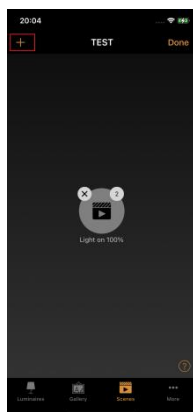


Figure 4.7

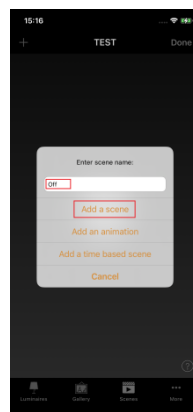


Figure 4.8



Figure 4.9



Figure 4.10

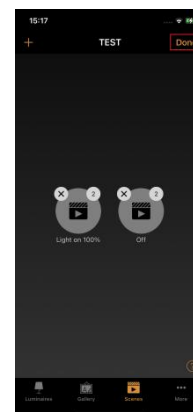


Figure 4.11

5. Sensor linkage

1) ON-OFF function (Figure 5.1-Figure 5.11)

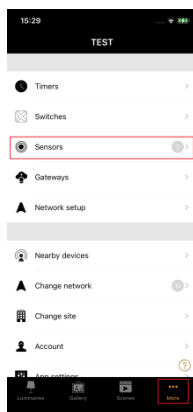


Figure 5.1

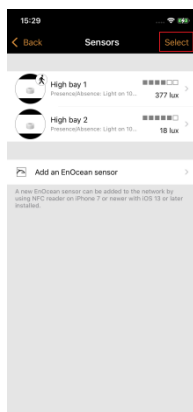


Figure 5.2

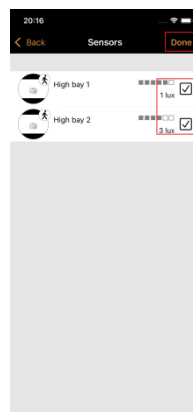


Figure 5.3

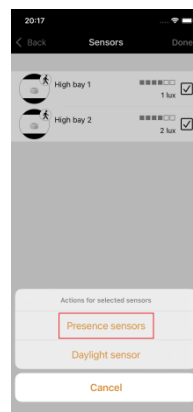


Figure 5.4

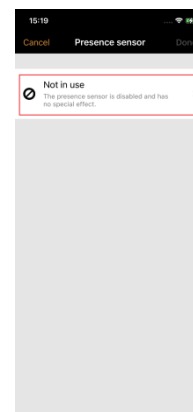


Figure 5.5

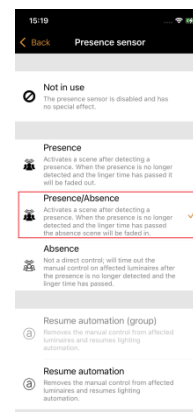


Figure 5.6

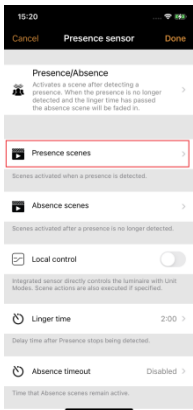


Figure 5.7

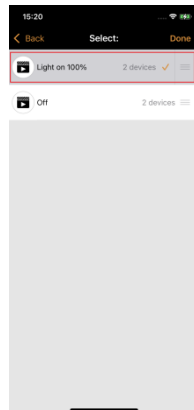


Figure 5.8

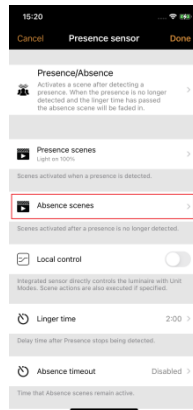


Figure 5.9

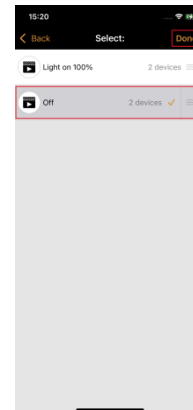


Figure 5.10

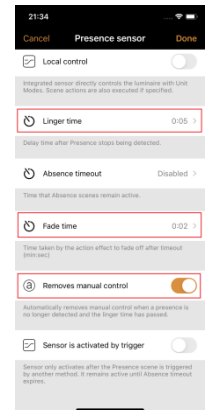


Figure 5.11

2) Dimming function

- Refer to Figure 4.1-4.5 add a 'Dimming' scene. Note that the brightness of the lights needs to be adjusted to low brightness when adding a new scene, as shown in Figure 5.12, set to 20% low brightness.
- Refer to Figure 5.9-5.10 set an absence scene. To achieve two-step dimming function, only select 'low brightness' in absence scene (Figure 5.13); To achieve the three-step dimming function, in absence scene, select 'Dimming' and 'Off' in sequence, ensuring that the 'Dimming' scene is placed before the 'Off' scene (Figure 5.14-5.15), and the stand-by period(Absence timeout) is selected as shown in Figure 5.16



Figure 5.12

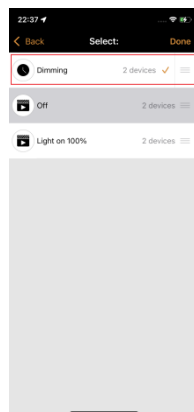


Figure 5.13

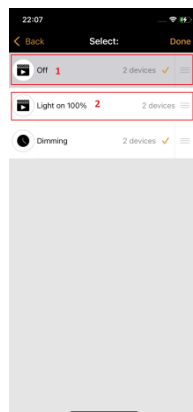


Figure 5.14

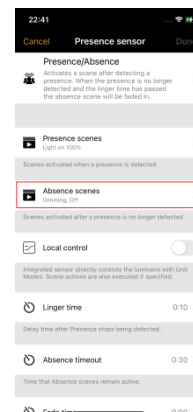


Figure 5.15

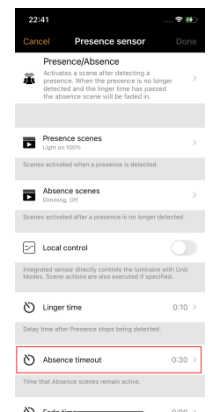


Figure 5.16

6. Daylight harvesting function

When setting up a scene, you can add lighting control to the scene.

Note: Lighting control can only be added in the scene and cannot be created separately for daylight harvesting scene.

- Basic(ON/OFF): The scene can be turned on when the ambient brightness is below the on value and turned off when it is above the off value (Figure 6.1-6.8)



Figure 6.1



Figure 6.2

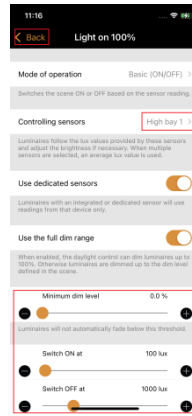


Figure 6.3

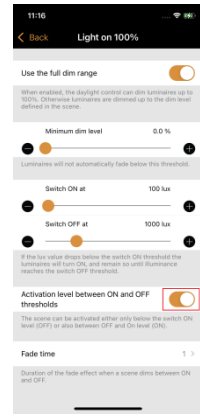


Figure 6.4



Figure 6.5

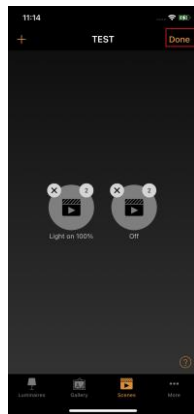


Figure 6.6



Figure 6.7

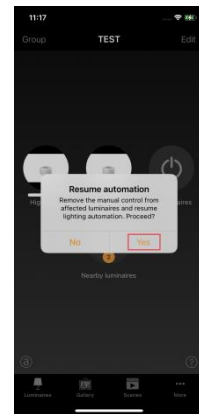


Figure 6.8

- 2) Open loop: The brightness of the light can be controlled based on the reference curve of the light sensing value read by the sensor (Figure 6.9-6.16)



Figure 6.9

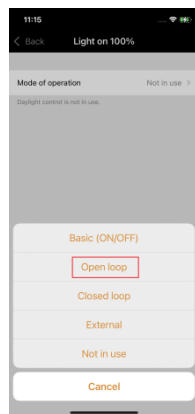


Figure 6.10

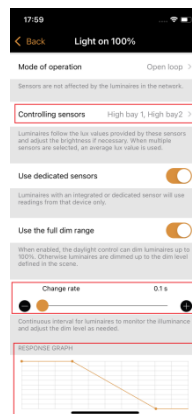


Figure 6.11

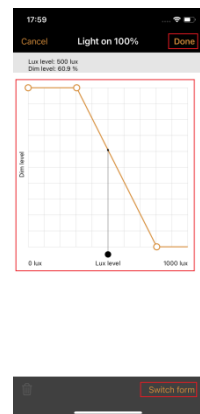


Figure 6.12



Figure 6.13

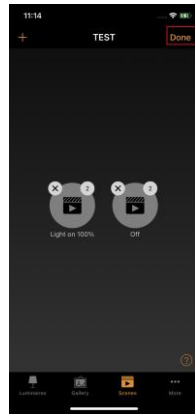


Figure 6.14



Figure 6.15

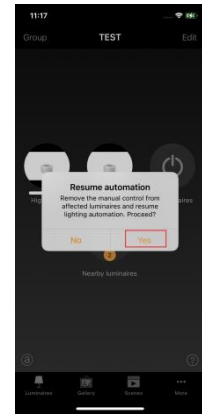


Figure 6.16

3) Closed loop: Since this product is basically not affected by the light emitted by lamps, closed loop is not available.

7. Grouping (Figure 7.1-7.4)

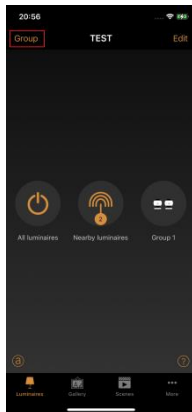


Figure 7.1

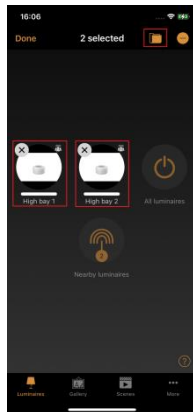


Figure 7.2

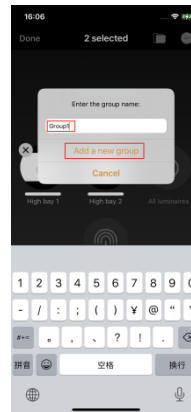


Figure 7.3

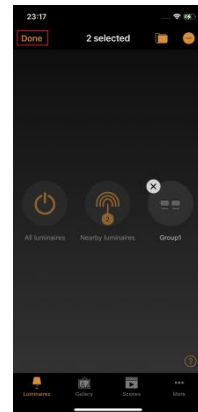


Figure 7.4

8. Timers

- 1) Add a timer to turn on the 'Off' scene, and the sensor does not work at night (Figure 8.1-8.5)
- 2) Enable timer (Figure 8.6-8.8)

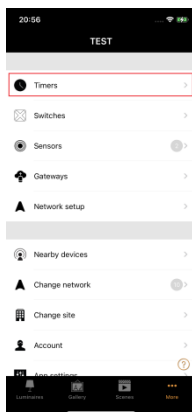


Figure 8.1

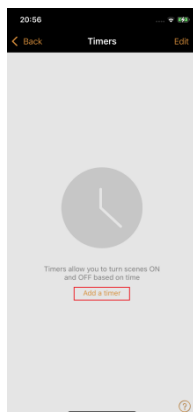


Figure 8.2

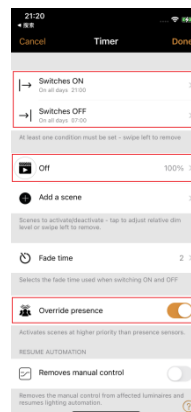


Figure 8.3

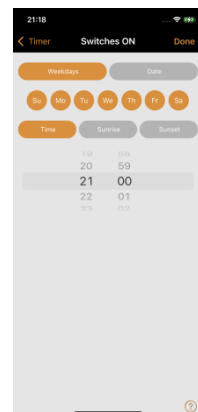


Figure 8.4

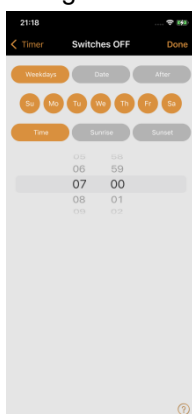


Figure 8.5

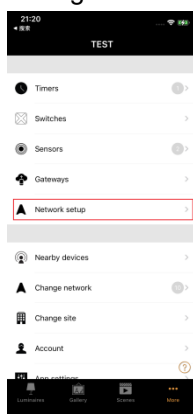


Figure 8.6

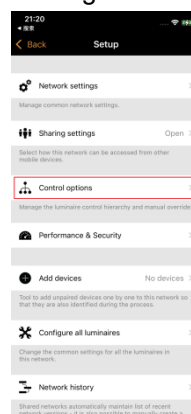


Figure 8.7

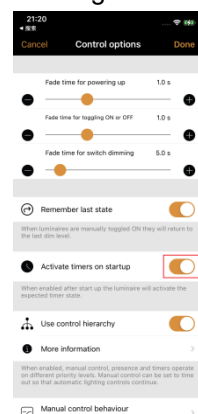


Figure 8.8

9. Example of common sensor configurations

Set the function to turn off lights from 7:00am to 18:00pm, full brightness from 18:00pm to 22:00pm, all light turn on from 22:00pm when someone is present, and dimming 20% after 5 minutes without anyone (Figure 9.1-Figure 9.3)。

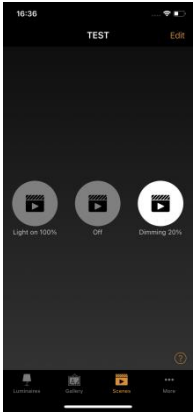


Figure 9.1

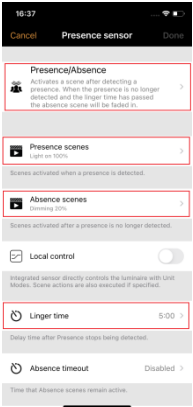


Figure 9.2

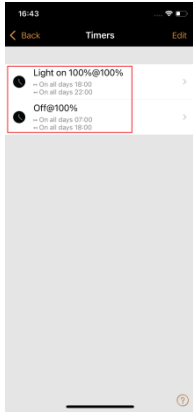


Figure 9.3