2

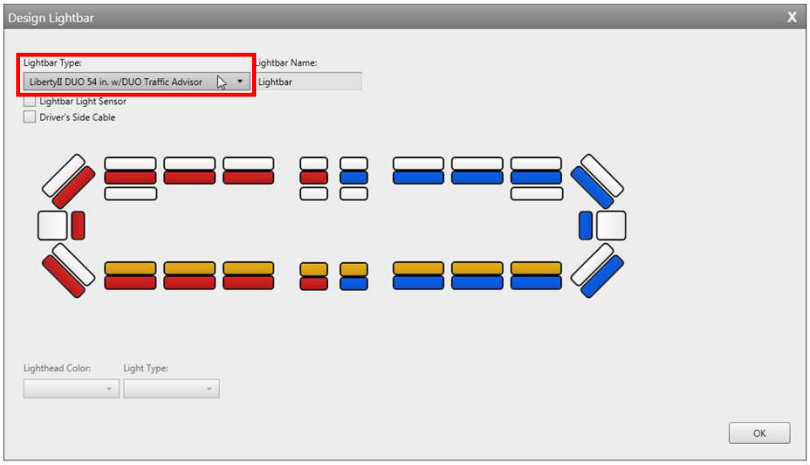
TA Warning Toggle

The TA warning toggle displays the Traffic Advisor pattern for 4 seconds and then a Red/Blue warning flash pattern for 4 seconds. It allows the officer that is running a TA pattern to be defined as an officer and not a construction vehicle.

LEADING THE WAY IN INNOVATION

3

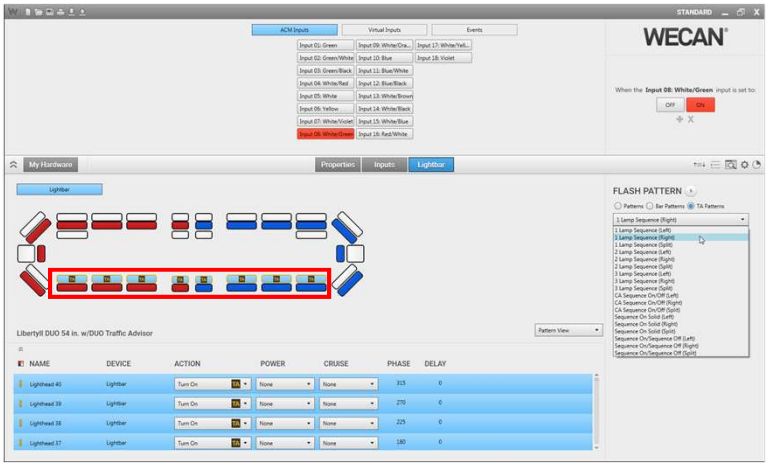
WeCan® TA Warning Toggle



The lightbar we are using is going to be the **Libertyll 54in. w/DUO Traffic Advisor**

4

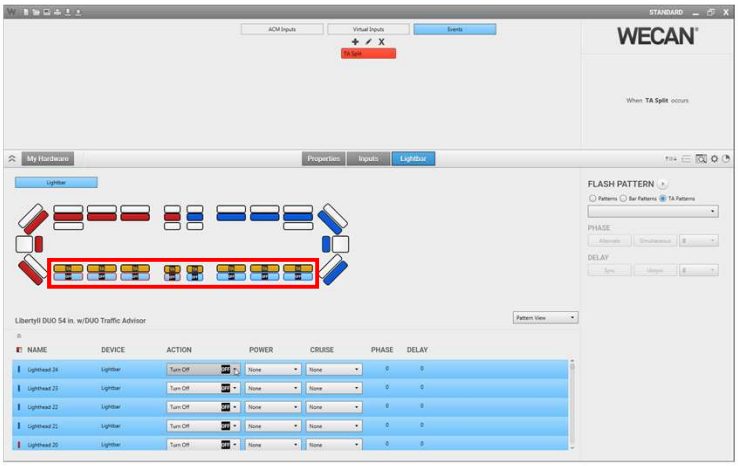
WeCan® TA Warning



We will configure our lightbar on **Input 08: White/Green** for TA Right

5

WeCan® TA Warning

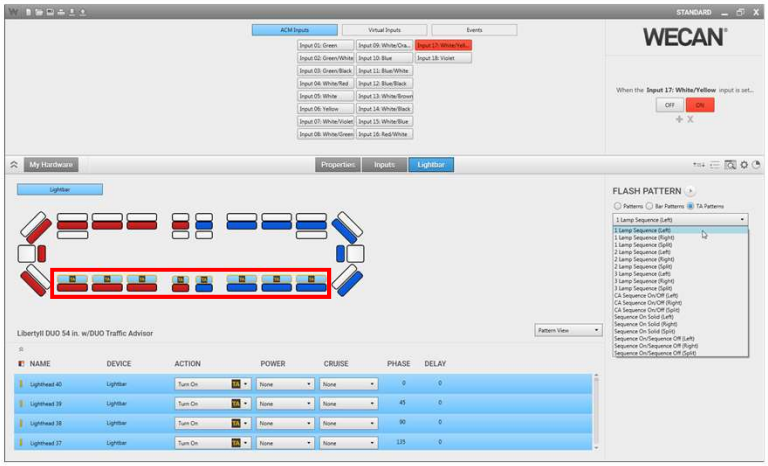


We will want to turn **OFF** the Red and Blue warning modules in the rear of the lightbar so they are not on when the TA modules are active

LEADING THE WAY IN INNOVATION

6

WeCan® TA Warning

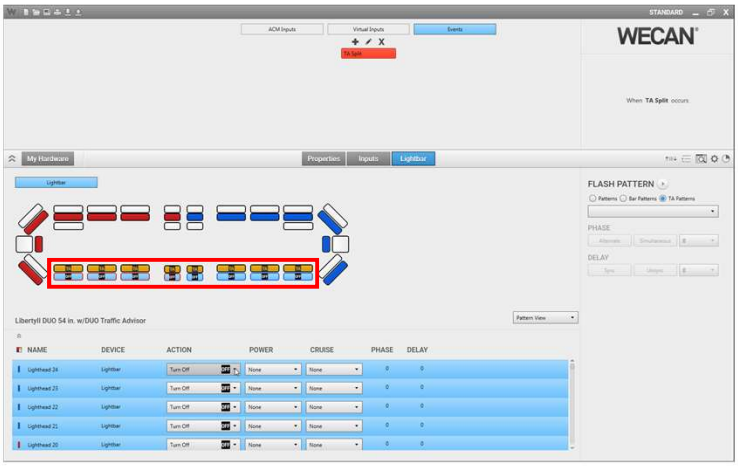


We will configure our lightbar on **Input 18: White/Yellow** for TA Left

LEADING THE WAY IN INNOVATION

7

WeCan® TA Warning

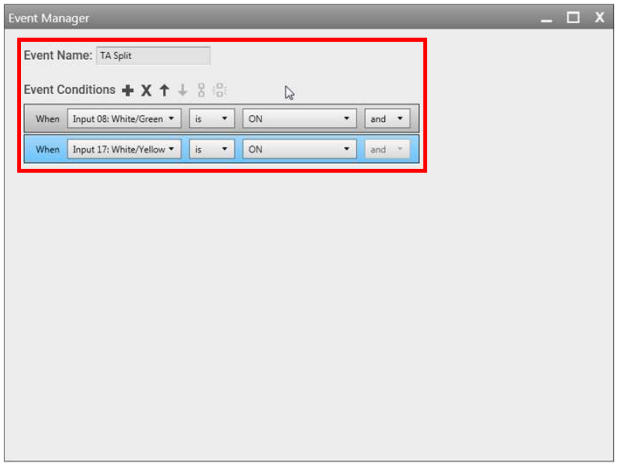


We will want to turn **OFF** the Red and Blue warning modules in the rear of the lightbar so they are not on when the TA modules are active

LEADING THE WAY IN INNOVATION

8

WeCan® TA Warning

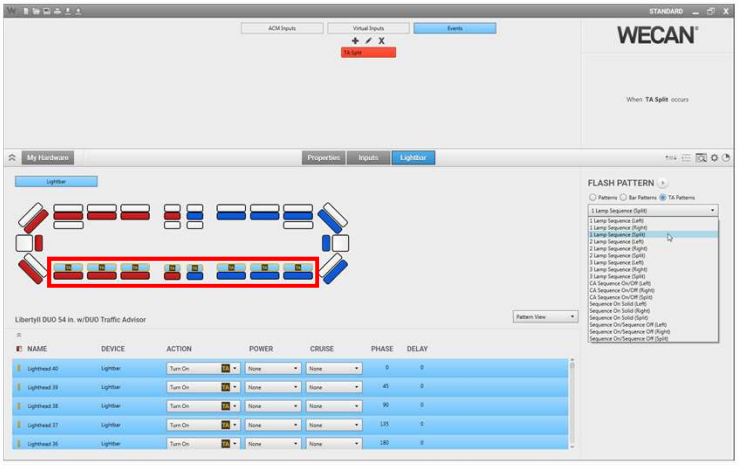


We will then create a TA Split event with two conditions. **Input 08: White/Green is ON** and **Input 17: White/Yellow is ON**

LEADING THE WAY IN INNOVATION

9

WeCan® TA Warning

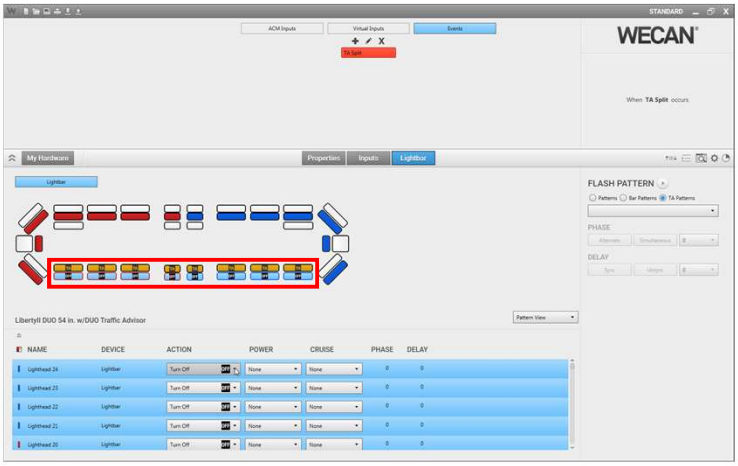


With our conditions set we will configure our TA Split event for split

LEADING THE WAY IN INNOVATION

10

WeCan® TA Warning

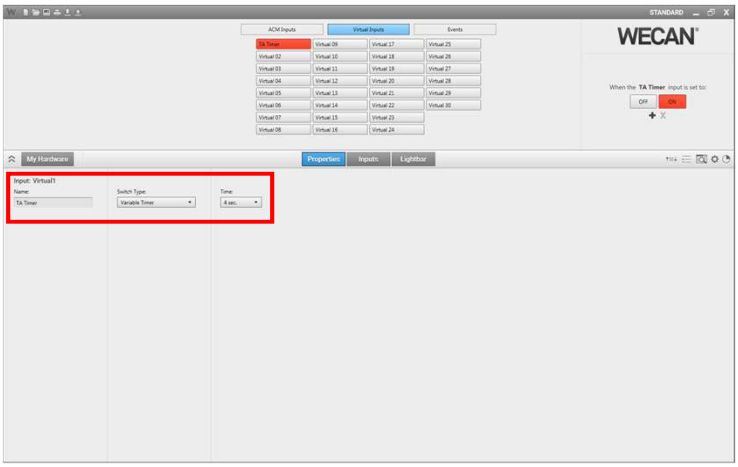


We will want to turn **OFF** the Red and Blue warning modules in the rear of the lightbar so they are not on when the TA modules are active

LEADING THE WAY IN INNOVATION

11

WeCan® TA Warning

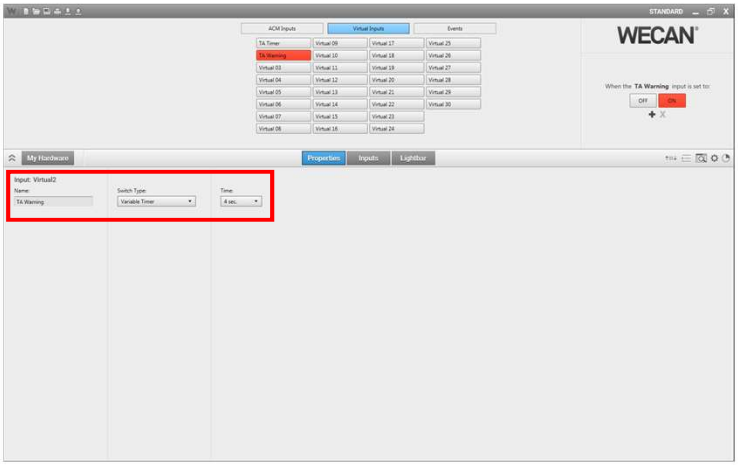


With out TA setup we can now setup our virtual timers. Select the **Virtual Inputs** tab and **Virtual Input 01** and on the **Properties** page set the name to **TA Timer**, set the switch type to **Variable Timer** and the time to **4 Sec.**

LEADING THE WAY IN INNOVATION

12

WeCan® TA Warning

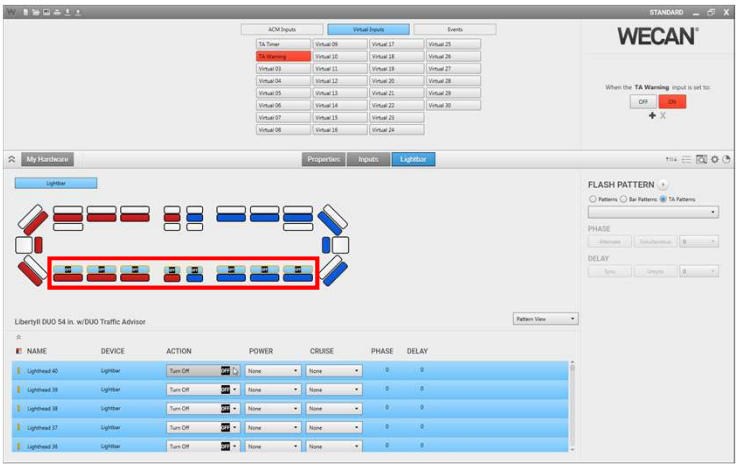


Select **Virtual Input 02** and on the **Properties** page set the name to **TA Warning**, set the switch type to **Variable Timer** and the time to **4 Sec.**

LEADING THE WAY IN INNOVATION

13

WeCan® TA Warning

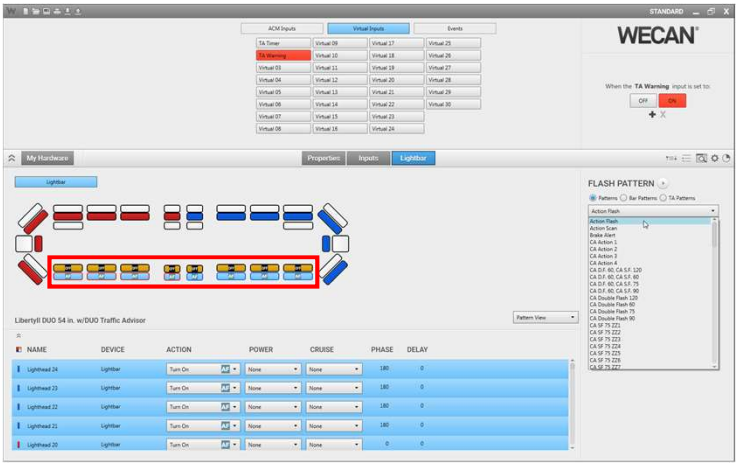


With **TA Warning** still selected on the **Lightbar** page we will set the amber modules to **Turn OFF**

LEADING THE WAY IN INNOVATION

14

WeCan® TA Warning

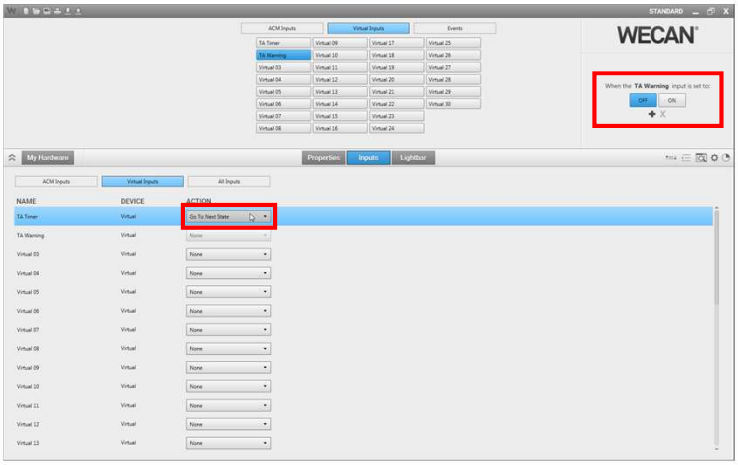


We will then set a flash pattern on the Red and Blue warning modules

LEADING THE WAY IN INNOVATION

15

WeCan® TA Warning

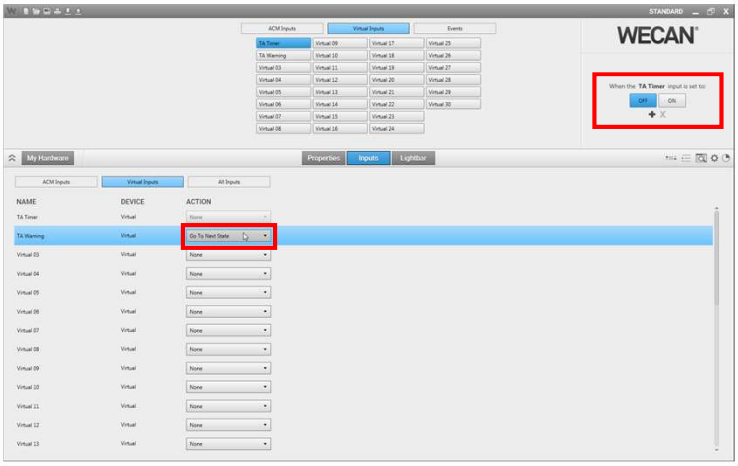


We need to setup our virtual inputs to tumble so in the off state of **TA Warning,** on the **Inputs** page under **Virtual Inputs** we will set the **Action** for **TA Timer** to **Go to Next State** this will restart the **TA Timer**

LEADING THE WAY IN INNOVATION

16

WeCan® TA Warning

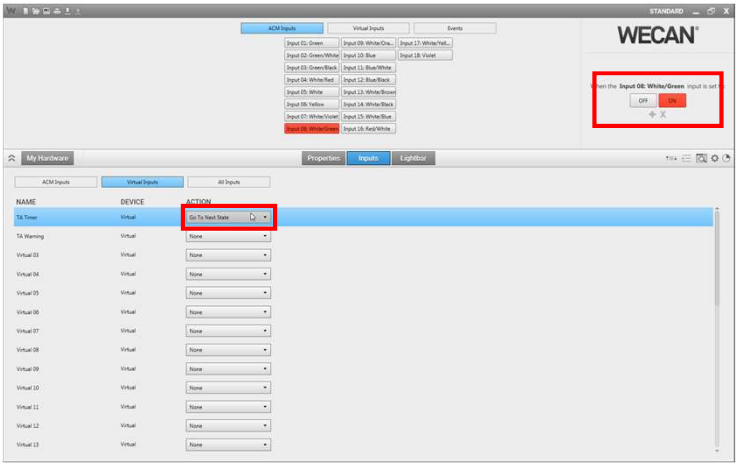


In the off state of **TA Timer** on the **Inputs** page under **Virtual Inputs** we will set the **Action** for **TA Warning** to **Go to Next State** this will restart the **TA Warning**. The virtual inputs will now keep tumbling each other until we turn them **OFF**

LEADING THE WAY IN INNOVATION

17

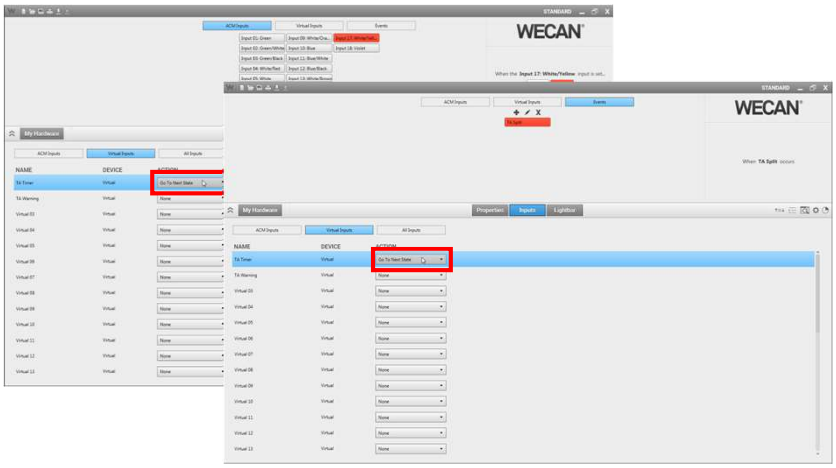
WeCan® TA Warning



To start our virtual inputs we need to select **Input 08: White/Green** and on the **Inputs** page on **Virtual Inputs** we need to set **TA Timer** to **Go to Next State** this will start the virtual inputs tumbling

18

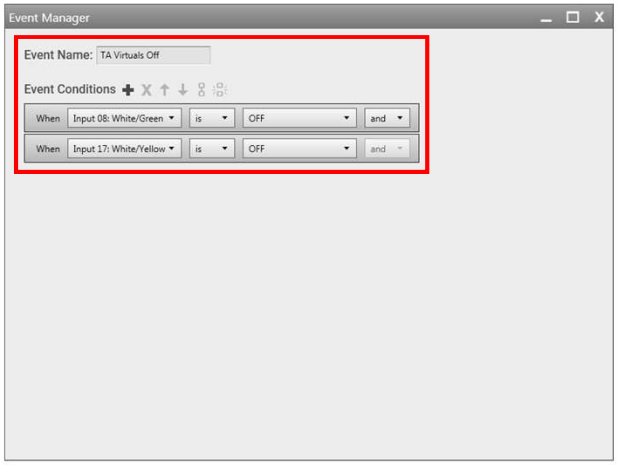
WeCan® TA Warning



We will also need to start our virtual inputs tumbling on **Input 17: White/Yellow** and on the **TA Split** event

19

WeCan® TA Warning



Now that we have started the tumbling process we want to setup a way to stop it. We will create a new event and will name it **TA Virtuals OFF** we will have two conditions, **Input 08: White/Green is OFF** and **Input 17: White/Yellow is OFF**

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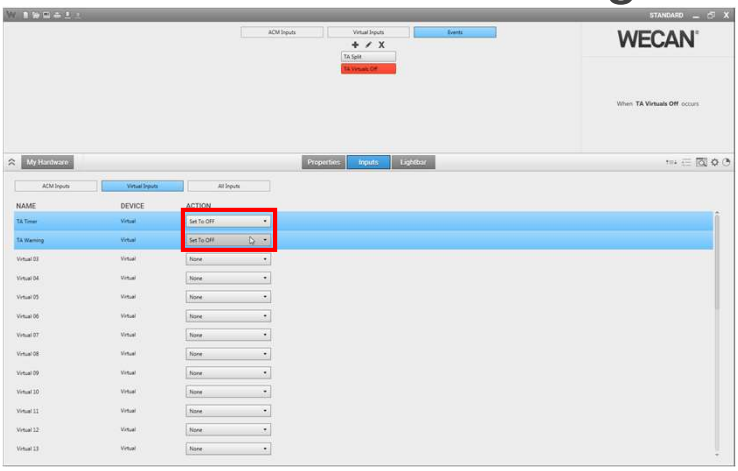
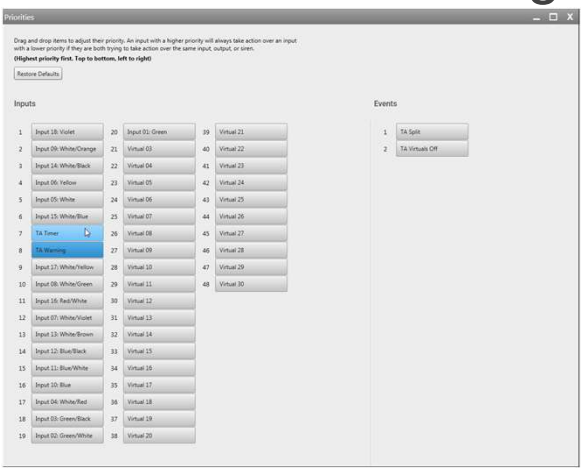
WeCan® TA Warning



With our conditions set we can close the event manager and on the **Inputs** page under **Virtual Inputs** we will set the **Action** for **TA Timer** and **TA Warning** to **Set To OFF**. This will stop the virtual inputs from tumbling

21

WeCan® TA Warning

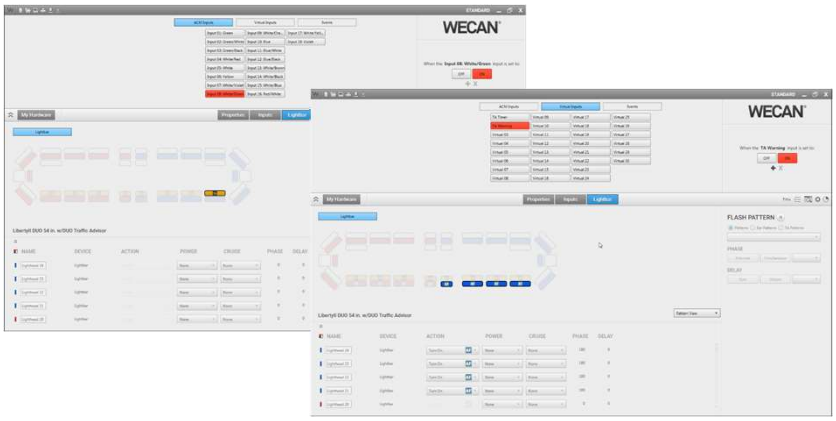


In the **Priorities** list we will want to move **TA Timer** and **TA Warning** above **Input 17: White/Yellow,** this will allow the **TA Warning** flash patterns override the **TA** flash pattern

LEADING THE WAY IN INNOVATION

22

WeCan® TA Warning



We can now transfer our configuration out to the control point and when you activate **TA Left**, **TA Right** or **TA Split** you will see the TA pattern displayed for four seconds and then you will see the warning pattern displayed for four seconds until all TA functions are turned off

LEADING THE WAY IN INNOVATION

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