

## Control IQ – Lumisys Lighting Panels Driver Details

This document contains the details for using the Lumisys Driver

Subsystem Type: Lumisys  
Subsystem Settings: 9600,N,8,1

Personality field details in the Subsystem table

RefreshInterval=[10]  
Sweep=[0]

These both do the same thing. RefreshInterval is in Seconds and Sweep is in Minutes  
If Sweep > 0 Then RefreshInterval=Sweep \* 60. Sweep should be 30 or 60 minutes.

Addressing Schema

Panel.Relay

where Panel is the Network address of the panel (1-255)  
Relay is the relay number inside the panel (1-60)

Viewing Controller Network Address. The LRP Controller network address can be set between 1 and 255. To set/view the LRP Controller network address press the AUTO and STAT pushbuttons simultaneously and release them.

The LRP Controller address will be displayed on blinking STATUS LEDs 2-9 in the upper right hand corner of the LRP Controller. Each LED is assigned the following binary value:

| LED# | Value |
|------|-------|
| 2    | 1     |
| 3    | 2     |
| 4    | 4     |
| 5    | 8     |
| 6    | 16    |
| 7    | 32    |
| 8    | 64    |
| 9    | 128   |

To determine the address of the LRP Controller add the value of LEDs 2-9 that are blinking.

Setting Controller Network Address.

Be sure to disconnect the network while setting the LRP Controller network address. Press the AUTO and STAT pushbuttons simultaneously and release them. To increment the address by one press the OVER pushbutton. Continue to increment until the desired network address is displayed. To decrement the address by one press the STAT pushbutton. Continue to decrement until the desired network address is displayed. To save the network address to non-volatile memory, press the AUTO pushbutton. This will also return the LRP Controller to auto mode. Failure to Press the AUTO pushbutton will result in loss of network address after power failure because it will not be saved to non-volatile memory.