

# Sapphire™ Room Controller

Precise LED output color tuning capabilities for user satisfaction

## Customize and control light levels and hues with the Sapphire™ Room Controller.

Color tuning, an advanced lighting control technique that allows precise control of the light hue emitted in a space, holds a host of benefits for employees and occupants. Integrating color tuning capabilities into a space is proven to improve employee productivity and morale, increase guest satisfaction in hospitality and restaurant applications, optimally display products in retail settings and increase sales, and create better learning environments and attendance in classrooms. The Sapphire Room Controller allows for color tuning preferences and scenes for DMX and 0-10V LED fixtures, all through a convenient, easy-to-use central touchscreen interface.



### CHALLENGE

*Facility wants to incorporate color tuning into its lighting control strategy for improved customer and employee experience.*

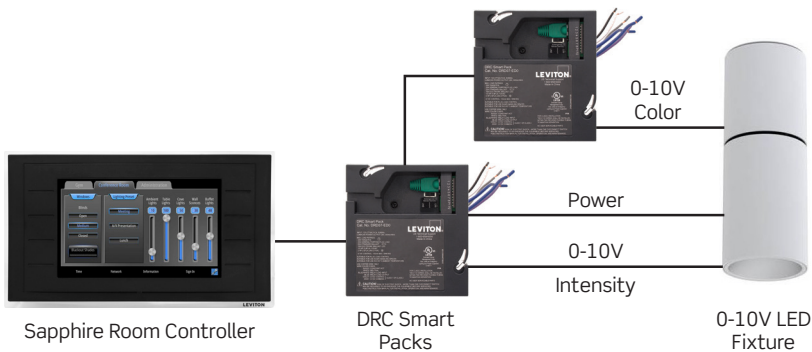
- Facility recently upgraded to DMX and/or 0-10V LED fixture lighting
- Color tuning needs will shift based on factors such as season, time of day, and require simple manual overrides as needs arise
- Contains natural lighting elements including windows and skylights
- Must comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming and daylight harvesting

### SOLUTION

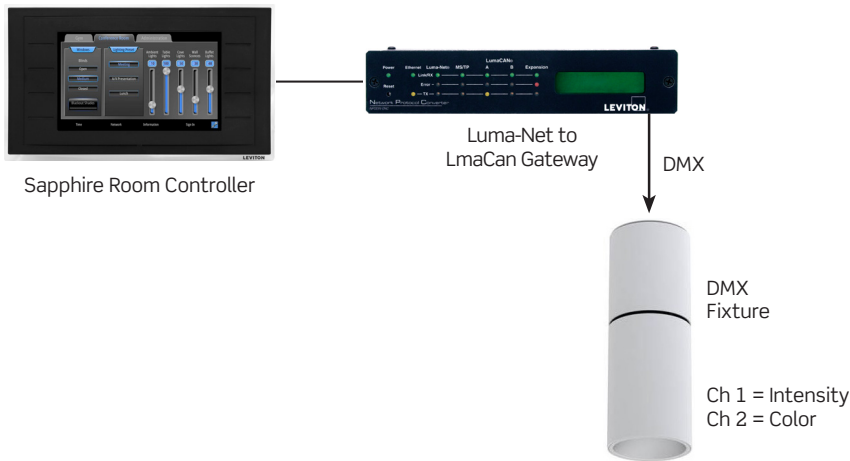
*Sapphire Room Controller allows for color tuning capabilities with the added benefit of scheduling, dimming and daylighting.*

- Provides full color tuning capabilities for DMX and/or 0-10V LED fixture lighting
- Circadian rhythm simulation can continuously run in background without any scheduled events
- Assign color tuning settings based on schedules and time clock events, with the ability to switch and customize scenes manually in the easy-to-use, intuitive Sapphire touchscreen interface
- Includes full-range dimming and daylighting capabilities to adjust for natural light present within the space
- Can be used to comply with IECC, ASHRAE 90.1, and 2016 Title 24, Part 6 occupancy/vacancy sensing, 0-10V dimming and daylight harvesting



## SAPPHIRE COLOR TUNING CONTROL—0-10V



## SAPPHIRE COLOR TUNING CONTROL—DMX



### WHAT YOU WILL NEED

SAPPHIRE COLOR TUNING CONTROL—0-10V		QTY.
	<b>Sapphire Room Controller   TS007</b> Allows for color tuning, scheduling and customized scene settings through an easy-to-use touchscreen interface	1
	<b>DRC Smart Pack   DRD07-ED0</b> Enables switching and dimming of LED fixture zones, allowing for a distributed solution	2

### WHAT YOU WILL NEED

SAPPHIRE COLOR TUNING CONTROL—DMX		QTY.
	<b>Sapphire Room Controller   TS007</b> Allows for color tuning, scheduling and customized scene settings through an easy-to-use touchscreen interface	1
	<b>Luma-Net to LumaCan Gateway   NP00G-000</b> Offers convenient network conversion for seamless communication between products in either system	1

For more information on which LED control solution is correct for your application, visit [Leviton.com/led](http://Leviton.com/led).

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