



Project Name: **LED Tape Lighting and Control at the Observatory™ on the Independence of the Seas® and Mariner of the Seas®**

Project Location: **Fort Lauderdale and Miami, FL**

Installation Completion: **June 2018**

Set Design: **Designduo**

Lighting Design: **David Warfel Lighting Design**

LED Unit Installation: **Chicago Scenic Studios**

City Theatrical Solutions: **QolorFLEX® Quad Chip LED Tape & QolorFLEX 4x5A Dimmers**



The Observatory is the newest series of Escape Rooms launched by Royal Caribbean International on board the newly renovated Independence of the Seas and Mariner of the Seas. The Observatory is a high tech, fully immersive escape room experience. Its concept is the brainchild of Royal Caribbean SVP, Entertainment Nick Weir, in collaboration with Puzzle Break, Designduo, Chicago Scenic Studios, David Warfel Lighting Design, and produced by Alison Frazier.

## CHALLENGES

As a new and innovative concept within ship-wide renovation projects, the focus for the Observatory was to seamlessly integrate the scenic environment with the room's escape game, leaving clues for players to decipher, and creating a memorable experience for cruise guests. To accent each room's unique architecture, the design required LED tape lighting in RGB plus warm white hues to provide accent and back lighting in the ceiling, under tables, and on counter tops.

Since the installations were located within two large vessels, the project team was looking for LED tape lighting that was proven to work and maintain consistency in various types of architectural installations. The ideal tape would also be of the highest quality and durability, able to withstand heavy usage and interaction, and maintain the aesthetics of the design for years to come.

## SOLUTION

For each ship's Observatory, QolorFLEX RGBWW Quad Chip LED Tape was selected for its proven quality, consistency, and long-lasting durability. To create the desired look, 270 feet of this tape was installed in each room. The LED tape is controlled by 20 QolorFLEX 4x5A Dimmers, selected for their ability to control a full 20A of LED tape spread over four channels, ensure consistent full range dimming, and its support from City Theatrical.

**“QolorFLEX products add value not only for their quality, but also for the customer service that stands behind it.”**

- Doug Pokorny, Project Manager, Chicago Scenic Solutions



Learn more about QolorFLEX products at:  
[citytheatrical.com/products/led-tape-qolorflex](http://citytheatrical.com/products/led-tape-qolorflex)  
[citytheatrical.com/products/qolorflex-4x5a-dimmer](http://citytheatrical.com/products/qolorflex-4x5a-dimmer)

