

# How to Create Dynamic Pixel Controlled Effects

Ever wonder how professional lighting and scenic designers achieve pixel controlled effects for architectural installations? According to the team at [Quantum Creative Studios](#), QolorPIX Pixel Controlled LED Tape and QolorPIX Tape Controllers were tools that helped them achieve their vision in the theme park at [American Dream Meadowlands](#) in East Rutherford, NJ.

## Q&A:

**City Theatrical (CTI): How many reels of QolorPIX Pixel Controlled LED Tape and QolorPIX Tape Controllers were used for this installation?**

Quantum Creative Studios (QCS): We specified 80 reels and 12 controllers.

**CTI: Where was QolorPIX installed?**

QCS: On the four structural columns in the middle of the amusement park.

**CTI: What inspired the placement/design?**

QCS: The LED tape was placed on the structural columns because they are an element that is viewable from almost anywhere in the park. Once we learned that there was an HVAC system in the center of each column it made sense to bounce the light from the tape off of the white finish to illuminate the entire structure.

**CTI: How is it being used?**

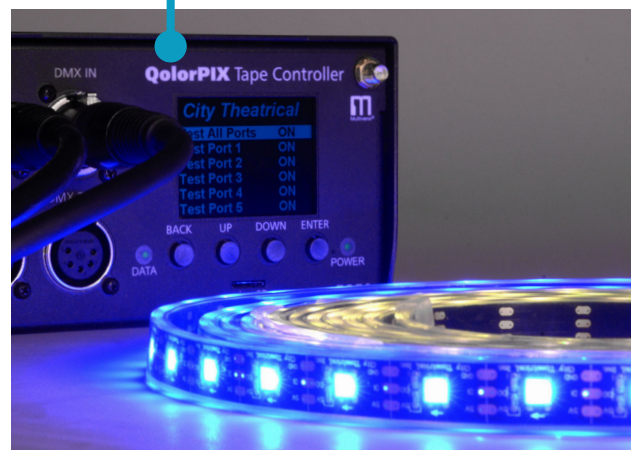
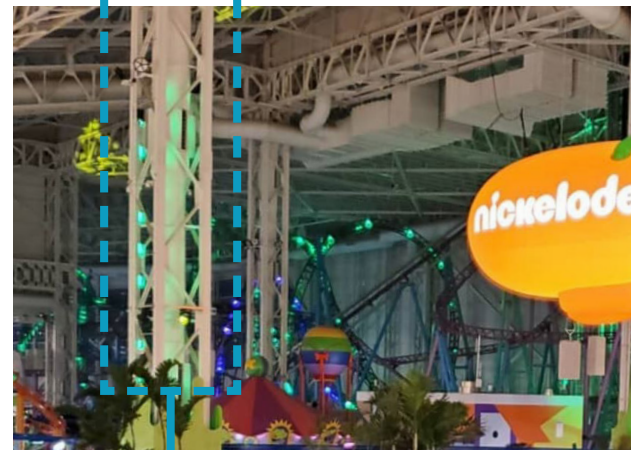
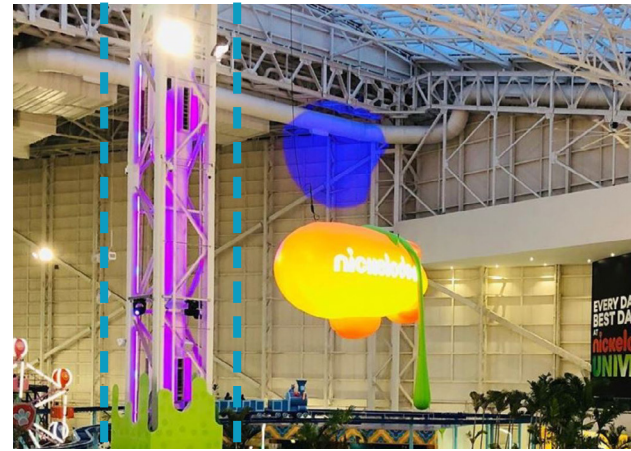
QCS: Currently it is used for several distinct lighting looks that change throughout the day. It is lit during operating hours of the park, turning on at 9am and powering down at midnight. It will have the versatility to be programmed for a nighttime show in the future.

**CTI: Which pixel colors and/or effects are used?**

QCS: Integrated pixel tape controller effects are used to enhance the effects throughout the day and at night. The colors are dynamic and change throughout. We're using an ETC Ion RPU console with a Medialon Manager user interface with the QolorPIX Tape Controllers.

**CTI: Was QolorPIX easy to install?**

QCS: Yes. For this project, Quantum was the lighting designer/programmer, and we worked with [Ron Fogel & Associates](#) as the integrator/installer.



To learn more about QolorPIX, visit:  
[citytheatrical.com/products/qolorpix-led-tape](http://citytheatrical.com/products/qolorpix-led-tape)

Contact City Theatrical for a QolorPIX demo.  
800.230.9497 | [sales@citytheatrical.com](mailto:sales@citytheatrical.com)