

# ILLUMINATE

LIGHTING DESIGN APPLICATIONS

EDITION # 103

THEME PARK



Ride designer, John Galletta



## Wet n' Wild Orlando light Disco H2O water ride with Chroma

**Problem;** How do you provide a water slide with low-voltage, funkadelic disco lighting that won't need constant maintenance?  
**Solution;** IP rated ChromaRange LED fixtures from Pulsar.

When Orlando water park Wet n' Wild designed their newest water ride, Disco H2O, US distributor Techni-Lux was boogieing right along with them plotting out a spectacular lighting design using well over 100 of Pulsar's Stainless Steel ChromaScapes, ChromaStrips, ChromaFloods, ChromaSpheres, and ChromaCubes. The LED fixtures, along with a healthy sprinkling of specially treated mirror balls (what disco would be complete without them?) are suspended on circular trusses above a bowl of water that swirls riders around a watery, psychedelic disco before "flushing" them back into daylight.

Pulsar ChromaRange LED fixtures were chosen because their IP ratings (none lower than 65) that make them able to handle water constantly around them, their low voltage makes them safe for the people in the water, and they have extremely low maintenance needs. The fixtures' placement in the ride makes it nearly impossible to regularly change out lamps. How groovy that LED lamp life can be as long as ten years!

Since the lighting rig was complex and such an integral part of project, Techni-Lux resident lighting designer Tony Hansen utilised WYSIWYG embedded in ShowCAD Artist to design and program the lighting as the ride was being built. "We could not have done this ride five years ago, using the latest technology has made it possible" Hansen remarked.



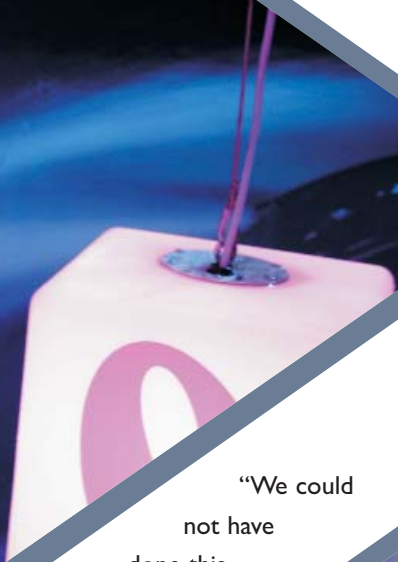


ChromaRange Equipment Specification

- 84 ChromaScape Stainless Steel
- 12 ChromaFlood17
- 24 ChromaStrip
- 8 ChromaSphere300
- 8 ChomaCube300
- 12 ChromaZone
- Opened April 28th 2005

Maximum Power Requirements  
1,920 Watts at full white (17.5 Amps at 110 Volts)

- Personnel  
Ride designer, John Galleta  
Lighting design, Tony Hansen
- Installation Time  
10 days
- Operating Cycle  
12 hours per day



Disco H2O is now

open, and is quickly

becoming

one of the most

popular of

Wet 'n Wild's

water

attractions.

More

information

can be found at

Wet'nWild's

website

[www.wetnwild.com](http://www.wetnwild.com)

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Hansen

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"Pulsar's LED

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technology has

definitely come

a long way and

our client loved

the solution."



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