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pile up p.26

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critical mass p.80

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response programs p.84

LD+A

The magazine of the Illuminating Engineering Society of North America

2013 IES

*Illumination
Awards*

A record number of projects are saluted for design

November 2013

www.ies.org

Anaheim Convention Center Grand Plaza Anaheim, CA

Designers: Peter Maradudin, Kaitlin LeSage Crawford –

StudioK1

Owner: Anaheim Convention Center

Photos: Tom Paiva

A new pedestrian plaza for a convention center invites attendees with an entry monument that slowly changes color throughout the evening. The 1,000-ft-long plaza is grounded by two large fountains at either end. Each fountain's pumps, jets, and RGB LED lighting are controlled by a centralized lighting control system of more than 1,500 channels. The unifying theme of the plaza is a "River of Light," a pattern of 300 DMX-controlled in-ground RGB luminaires programmed to mimic the kinetic flow of water from one fountain to the other. This "river" wends its way over 600 ft towards the convention center and a fountain in the distance through a colonnade of palm trees. Every luminaire in the plaza is LED and controlled by the centralized system, which is adaptable for a limitless array

of presets for different convention center events. Limitless color combinations and patterns of movement are possible through the control software, which can integrate special effects and video files into complex event sequences, triggered by an astronomical time clock. Each jet of each fountain can shift color, allowing for multi-layered water feature events. Through these energy-efficient luminaires and sophisticated controls, the entire lighting design uses less than 0.1 watts per sq ft.



**Sponsored by
the Lighting
Controls
Association**



**MHJ INTERNATIONAL TERMINAL AT
HARTSFIELD JACKSON INTERNATIONAL
AIRPORT**

Designer: Domingo Gonzalez
Company: Domingo Gonzalez Associates
Owner: Hartsfield Jackson International Airport

MIDWAY CROSSINGS

Designer: James Baney
Company: Schuler Shook
Owner: University of Chicago, Steven
 Wiesenthal

MIHO INSTITUTE OF AESTHETICS – CHAPEL

Designer: Paul Marantz
Company: Fisher Marantz Stone, Inc.

**NEW YORK HISTORICAL SOCIETY
ORIENTATION THEATER**

Designer: Ted Mather
Company: Available Light
Owner: New-York Historical Society

PARK HYATT, DC

Designer: Ken Ventry
Company: Reveal Design Group
Owner: Hyatt Group

PROENZA SCHOULER FLAGSHIP STORE

Designer: Michael Cummings
Company: Focus Lighting
Owner: Proenza Schouler

**PS/IS 276: NEW BATTERY PARK CITY
SCHOOL**

Designer: Domingo Gonzalez
Company: Domingo Gonzalez Associates
Owner: NYC School Construction Authority

**REFLECT AT THE STEPHEN P. CLARK
GOVERNMENT CENTER LOBBY**

Designer: Brett Andersen
Company: Focus Lighting
Owner: Miami Dade Art in Public Spaces

**REVA AND DAVID LOGAN CENTER FOR THE
ARTS**

Designer: Richard Renfro
Company: Renfro Design Group, Inc.
Owner: University of Chicago

**RICHARD M. FISHER BUILDING, BAM
(BROOKLYN ACADEMY OF MUSIC)**

Designer: Francesca Bettridge
Company: Cline Bettridge Bernstein Lighting
 Design, Inc.
Owner: BAM (Brooklyn Academy of Music)

SOBOU, W HOTEL

Designer: Ken Ventry
Company: Reveal Design Group
Owner: Starwood Hotels & Resorts

**SPACE SHUTTLE PAVILION AT INTREPID
SEA, AIR, AND SPACE MUSEUM**

Designer: Brett Andersen
Company: Focus Lighting
Owner: Intrepid Sea, Air, and Space Museum

**ST. KATHARINE DREXEL CHAPEL, XAVIER
UNIVERSITY OF LOUISIANA**

Designer: Francesca Bettridge
Company: Cline Bettridge Bernstein Lighting
 Design, Inc.
Owner: Xavier University of Louisiana

SUTPHIN BOULEVARD OVERPASS

Designer: Domingo Gonzalez
Company: Domingo Gonzalez Associates
Owner: Greater Jamaica Development
 Corporation

THE BARNES FOUNDATION

Designer: Paul Marantz
Company: Fisher Marantz Stone, Inc.
Owner: The Barnes Foundation

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Designer: Paul Marantz
Company: Fisher Marantz Stone, Inc.
Owner: The Barnes Foundation

THE DRAWING CENTER GALLERIES

Designer: Kyle Chepulis
Company: Technical Artsitry, Inc.
Owner: Brett Littman

**THE SMITH CENTER FOR THE PERFORMING
ARTS**

Designer: Susan Brady
Company: SBLD Studio

TORRE IBERDROLA

Designer: Francesca Bettridge
Company: Cline Bettridge Bernstein Lighting
 Design, Inc.
Owner: Iberdrola

VINTRY FINE WINES

Designer: Herve Descottes
Company: L'Observatoire International
Owner: Peter and Harry Poulakakos

VIRGIN ATLANTIC JFK CLUBHOUSE

Designer: Herve Descottes
Company: L'Observatoire International
Owner: Virgin Atlantic

W HOTEL - SEATTLE

Designer: Doug Russell
Company: Lighting Workshop
Owner: W Hotel

**WILLIAM H. NEUKOM BUILDING,
STANFORD LAW SCHOOL**

Designer: Barbara C. Horton
Company: Horton Lees Brogden Lighting
 Design, Inc.
Owner: Stanford Law School

NORFOLK/VIRGINIA SECTION

Chairperson: Jason Brognana

**AECOM NORFOLK VIRGINIA REGIONAL
OFFICE**

Designer: Justin C. Cashwell
Company: AECOM
Owner: AECOM

**GERMANNA COMMUNITY COLLEGE -
ACADEMIC SERVICES BUILDING**

Designer: Jonathan Walker
Company: Clark Nexsen
Owner: Rick Brehm

**GRAND JUNCTION PUBLIC SAFETY
FACILITY**

Designer: Terry E. Dodge
Company: AECOM
Owner: City of Grand Junction

OKLAHOMA CITY SECTION

Chairperson: Michelle Sackett

FIRST PRESBYTERIAN CHURCH OF TULSA MAIN CAMPUS REMODEL AND ADDITION

Designer: Christopher A. Harwell

Company: Cyntergy AEC

Owner: First Presbyterian Church of Tulsa

ORU ARMAND HAMMER ALUMNI STUDENT CENTER

Designer: Christopher A. Harwell

Company: Cyntergy AEC

Owner: Oral Roberts University

RIVENDELL RESIDENCE

Designer: Jim Catlege

Company: Triple C Lighting Specialists

Owner: Jim Catlege

OMAHA SECTION

Chairperson: Allen Klostermeyer

CHURCH OF THE NATIVITY

Designer: Toby Samuelson

Company: Farris Lighting

Owner: Church of the Nativity

LINCOLN SURGICAL HOSPITAL WEST ADDITION

Designer: Ronald W. Geary

Company: Geary Engineering, Inc.

Owner: Lincoln Surgical Hospital

ORANGE COUNTY SECTION

Chairperson: Shad Arnold

ANAHEIM CONVENTION CENTER GRAND PLAZA

Designer: Peter Maradudin

Company: StudioK1

Owner: Anaheim Convention Center

BIOLA UNIVERSITY SCHOOL OF THEOLOGY CHAPEL

Designer: Peter Maradudin

Company: StudioK1

Owner: Biola University

GASLAMP QUARTER HOTEL & CONVENTION CENTER RENOVATION

Designer: John M. Fox

Company: Fox and Fox Design LLC

Owner: Keri Robinson

LIDO ISLAND RESIDENCE

Designer: John M. Fox

Company: Fox and Fox Design LLC

OLD TOWN NEWHALL LIBRARY

Designer: Lauren Dandridge

Company: StudioK1

Owner: City of Santa Clarita

SHORE HOTEL - EXTERIOR LIGHTING DESIGN

Designer: Matt Levesque

Company: First Circle Design LLC

Owner: Farzam family

TAYLOR OFFICES

Designer: Peter Maradudin

Company: StudioK1

Owner: Taylor Architects

THE WESTIN GASLAMP QUARTER RENOVATION

Designer: John M. Fox

Company: Fox and Fox Design LLC

Owner: Keri Robinson

ORLANDO SECTION

Chairperson: Michael Smith

CHEROKEE CASINO ROTUNDA

Designer: Aram Ebben

Company: EXP U.S. Services, Inc.

Owner: Eastern Band of Cherokee Indians

CHEROKEE HOTEL

Designer: Aram Ebben

Company: EXP U.S. Services, Inc.

Owner: Eastern Band of Cherokee Indians

PHILADELPHIA SECTION

Chairperson: Jeffrey Kahn

230 PARK AVENUE - NEW FACADE LIGHTING

Designer: Alfred R. Borden

Company: The Lighting Practice

ANDREW G. TRUXAL LIBRARY ANNE ARUNDLE COMMUNITY COLLEGE

Designer: Mary Alcaraz

Company: EwingCole

BAYHEALTH MEDICAL CENTER, KENT CAMPUS EXPANSION, PHASE 2 PAVILION

Designer: Mary Alcaraz

Company: EwingCole

Owner: Mike Metzger

CONVENTION CENTER PARKING FACILITY

Designer: Ryan Linton

Company: Grenald Waldron Associates

COOPER MEDICAL SCHOOL AT ROWAN UNIVERSITY: PUBLIC SPACES

Designer: Tom Lyman

Company: HDR Architecture Inc.

DORRANCE H. HAMILTON ROOFTOP GARDEN AT THE KIMMEL CENTER

Designer: Alfred R. Borden

Company: The Lighting Practice

Owner: David Thiele

EMPIRE STATE BUILDING - TOWER LIGHTING REPLACEMENT

Designer: Alfred R. Borden

Company: The Lighting Practice

JFK TRIBUTE

Designer: Jered E. Widmer

Company: The Lighting Practice Inc.

Owner: City of Fort Worth

MITRE CORPORATION

Designer: Adrienne Baughmann

Company: HDR Architecture, Inc.