SUBJECT

2015 PROGRESS REPORT 2015 Progress Report . Jan p. 51

ACADEMIC LIGHTING

No Map? No Problem . . Mar. p. 61 Oxford Brookes University, Oxford, England By Samantha Schwirck

AWARDS

A Triumph of June p. 57 Imagination Award-Winning CLUE Projects By Paul Tarricone

IES Illumination Awards Nov p. 31

BRIDGES

A Sonata of Light..... Mar. p. 72 Prince Edward Viaduct, Toronto, Canada By Leonora Desar

The Sea Will Tell..... Sept p. 42 Tilikum Crossing, Portland, OR By Bridget Mintz Testa

Reappearing Act Dec p. 32 Korean War Veterans Memorial Bridge By Leonora Desar

GOVERNMENT + INSTITUTIONAL FACILITIES

Out of the Park..... July p. 26 Target Field Station, Minneapolis By Rebecca Pogson

A Salute to 16 July p. 32 Illuminated columns at a Kentucky Courthouse Pay Tribute By Paul Tarricone

Care Without Glare July p. 36 NewCourtland LIFE Center, Allegheny, North Philadelphia By Samantha Schwirck Ground Control July p. 42 O'Hare International Airport, Chicago By Leonora Desar

HOSPITALITY AND RESTAURANTS

Essentially South Aug p. 36 Australian The Coal Cellar + Grill in the Hilton Adelaide By Vilma Barr

The Golden Age Aug p. 42

WinStar World Casino and Resort, Thackerville, OK By Leonora Desar

Designed to Dine..... Aug p. 48 BRG, Chicago By Elizabeth Hall

IES ANNUAL CONFERENCE IES Annual Sept p. 59 Conference Preview

LIGHT AND HEALTH

Designing with Oct p. 30 Circadian Stimulus Circadian Light in the Built Environment By Marianna G. Figueiro, Kassandra Gonzales, David Pedler

Castle in the Sky Oct p. 36 A Rooftop Residence in Milwaukee Resets Internal Rhythm By Leonora Desar

Tuning the Light In a . . . Oct p. 42 Senior-Care Facility A Pilot Project Leverages Potential By James Brodrick

More Than Medicine... Oct p. 48 Light Catchers Boost Spirits at a Cancer Support Center By Samantha Schwirck Caring for the Oct p. 54 Caregivers What Do Nurses Really Think of Lighting? By Karyn Gayle, Jennifer Dubose, and Khatereh Hadi

Prescribe With Oct p. 60 Caution The Ethics of Designing With Light By Deborah Burnett

LIGHTING EQUIPMENT + ACCESSORIES DIRECTORY

2016 Lighting May P. 49 Equipment + Accessories Directory

LEDS FOR INTERIOR APPLICATIONS

Something Old, Feb p. 28 Something New The Slover Library in Norfolk, VA By Leonora Desar

Limitless..... June, p. 50 Agricultural and Horticultural Lighting By Leonora Desar

Show and Tell..... Feb p. 34 The Lighting Agency Creates a Community Laboratory By Samantha Schwirck

Follow the Bouncing . . Feb p. 40 Ball University of Arizona's McKale Arena

By Paul Tarricone

Resiliency and the Feb p. 46 New Normal Lighting's Role in Adapting Buildings for Disaster By Paul Tarricone

Research Feb p. 50 Looking for 'Just Right' in Roadway Lighting By Ronald Gibbons and Rajaram Bhagavathula Research Nov p. 76 G24 Lamps-a New Niche for LEDs By Nicole Graeber

LEDS FOR EXTERIOR APPLICATIONS

The Long Climb Back. . Dec p. 38 University of Nebraska-Omaha By Paul Tarricone

On and Off the Field... Dec p. 44 Sporting Arena Lighting By James McCarty

LIGHTFAIR PREVIEW

LIGHTFAIR Preview.... Mar p. 52 What's on the Agenda for LIGHTFAIR's San Diego Debut

LIGHTFAIR Review July p. 47 LIGHTFAIR Review

MUSEUM/EXHIBIT LIGHTING

Washington Detour ... Jan p. 30 The White House Visitor Center, Washington, D.C. By Samantha Schwirck

Fully Loaded Jan p. 35 Vintage Cars at the Gedee Museum In India By Paul Tarricone

Happy Feet for All Jan p. 40 Kansas City Zoo By Samantha Schwirck

A System for Jan p. 46 Oppression The Holocaust Museum in Washington, D.C.

By Leonora Desar

Above and Beyond Dec p. 48 SFMOMA'S New Ceiling By Samantha Schwirck

OFFICE LIGHTING

Pipe Dreams April p. 70 Columbia Boulevard Wastewater Treatment Plant, Portland, OR By Samantha Schwirck

A Busy Day at April p. 76 the Office CBRE, Vancouver, BC By Paul Tarricone

The Best of April p. 80 Both Worlds Canada Post Pacific Processing Centre, Canada By Leonora Desar

Six Degrees of Cool.... April p. 87 Six Examples on Office Design Trends By Vilma Barr

A Potent Brew..... Aug p. 52 Molson Brewing Company's New Mile-High Headquarters By Samantha Schwirck

Hospitality Haven Nov p. 68 An Office Building Goes from Drab to Fab, Omaha, NE By Leonora Desar

RESEARCH

Short-Term Color April p. 98 Preference Comparisons Are Inadequate for Optimizing Long-Term Illumination By Lorne Whitehead, Konstantinos Papamichael and Michael Siminovitch

Five Projects in. May p. 39 Five Pages

The Lighting Research Center By Rebekah Mullaney Research Aug p. 60 Next Generation Healthcare Lighting By Michael Siminovitch and Nicole Graeber

Color Rendering: Dec p. 54 What Do We Want?

High Preference vs. High Fidelity By Michael Royer and Kevin W. Houser

RESIDENTIAL LIGHTING

Seller Markets May p. 28 Southbank Place, London By Samantha Schwirck

Modern Barn is a May p. 34 Work of Art

Modern Barn Residence, Santa Monica, CA By Leonora Desar

Hog Heaven..... Mar p. 66 Dripping Springs, TX By Paul Tarricone

ROUNDTABLE

Imagine That Aug p. 57 What Would You Do as a Lighting Czar? By Samantha Schwirck

Tuned In April p. 93 Panel on Color-Tunable White Light By Paul Tarricone

Men and Women Nov p. 72 of Letters

What Makes the Industry's Newest Credential a Stand-out By Samantha Scwirck

SMART LIGHTING AND CONTROLS

Heed the Call June p. 36 What Smart Lighting Can Become By John Yriberri On the Road to June p. 40 Smart Cities A Glimpse of What's Possible By Rick Freeman

A Full-Circle..... June p. 44 Solution Winston-Salem State University,

Winston-Salem, NC By Samantha Schwirck

STREET, FAÇADE, AND LAND-SCAPE LIGHTING

Twelve Years a Dome . . Sept p. 36 San Diego Central Library By Paul Tarricone

National Treasure Sept p. 48 The Lit Brothers Building, Philadelphia By Leonora Desar

In a World Without Sept p. 52 Drivers What Will Roadway Lighting Be? By Paul Tarricone

AUTHOR INDEX

Barr, Vilma Six Degrees of Cool.... April p. 87 Six Examples on Office Design Trends Essentially South Aug p. 36 Australian The Coal Cellar + Grill in the Hilton Adelaide Bhagavathula, Rajaram Research Feb p. 50 Looking for 'Just Right' in Roadway Lighting

Biery, Ethan

Technology...... July p. 20 Flicker Frustration

Brodrick, James LED Watch Feb p.18 LED's Second Wave LED Watch April p. 38 Good Isn't Quite Good Enough LED Watch June p. 20 Wild West Sequel? LED Watch Aug p. 20 Color-Tunable Caveats Tuning the Light In a... Oct p. 42 Senior-Care Facility A Pilot Project Leverages Potential LED Watch Nov p. 18 OLEDSs Aiming for Prime Time LED Watch Dec p. 20 Be Wary of Clickbait

Burnett, Deborah

Prescribe With Oct p. 60 Caution The Ethics of Designing With Light

Desar, Leonora

A System for Jan p. 46 Oppression The Holocaust Museum in Washington, D.C. Something Old, Feb p. 28 Something New The Slover Library in Norfolk, VA A Sonata of Light Mar p. 72 Prince Edward Viaduct, Toronto, Canada The Best of Both April p. 80 Worlds Canada Post Pacific Processing Centre, Canada Modern Barn is a May p. 34 Work of Art Modern Barn Residence, Santa Monica, CA Limitless..... June p. 50 Agricultural and Horticultural Lighting Ground Control July p. 42 O'Hare International Airport, Chicago The Golden Age Aug p. 42 WinStar World Casino and Resort, Thackerville, OK National Treasure Sept p. 48 The Lit Brothers Building, Philadelphia Castle in the Sky Oct p. 36 A Rooftop Residence in Milwaukee

Resets Internal Rhythm Hospitality Haven..... Nov p. 68 An Omaha, NE, Office Building Goes from Drab to Fab

Reappearing Act Dec p. 32 Korean War Veterans Memorial Bridge

DiLouie, Craig Controls Jan p.18 Smaller Control Zones Pay Dividends

Dubose, Jennifer

Caring for the Oct p. 54 Caregivers What Do Nurses Really Think of Lighting

Figueiro, Marianna G. Designing with Oct p. 30 Circadian Stimulus Circadian Light in the Built Environment

Fox, John

Point of View..... Mar p. 40 Who Will Teach Us?

Frank, Norma

Maintenance...... Feb p. 22 Updates to RP-36 Maintenance..... June p. 24 Rebates Thrive Maintenance..... Oct p. 20 Finding New Parts for LEDs

Freeman, Rick On the Road to June p. 40 Smart Cities A Glimpse of What's Possible

Gayle, Karyn

Caring for the Oct p. 54 Caregivers What Do Nurses Really Think of Lighting?

Gibbons, Ronald

Research Feb p. 50 Looking for 'Just Right' in Roadway Lighting Gonzales, Kassandra Designing with Oct p. 30 Circadian Stimulus Circadian Light in the Built Environment

Graeber, Nicole Research Aug p. 60 Next Generation Healthcare Lighting Research Nov p. 76 G24 Lamps-a New Niche for LEDs

Hadi, Khatereh Caring for the Oct p. 54 Caregivers What Do Nurses Really Think of Lighting?

Hall, Elizabeth Designed to Dine..... Aug p. 48 BRG, Chicago

Horner, Bob

Policy Points.Jan, p. 20Policy's New YearPolicy Points.Mar p. 36Tax Law's EncorePolicy Points.May p. 20Prescriptive vs. PerformanceCodesPolicy Points.July p. 18Resilient StructuresPolicy Points.Sept p. 26Fly-In HighlightsPolicy Points.Nov p. 22Struggling with TMI

Houser, Kevin W. Color Rendering: Dec p. 54 What Do We Want? High Preference Vs. High Fidelity

Kaye, Stan

Point of View..... April p. 60 Smashing Barriers in Education

Koedel, Kellie Industrial Lighting May p. 24 Fixtures Feel the Heat

Lien, Mark

Forces of Change..... April, p. 44 Brace for Acceleration Forces of Change..... June p. 28 Lessons from Disrupted Industries Forces of Change..... Sept p. 16 Impediments to Progress Forces of Change..... Dec p. 24 Inside the Revolution

Lipscomb, Jonathan Product Testing...... Aug p. 24 The Benefits of In-House Testing

McCarty, James On and Off the Field . . . Dec p. 44 Sporting Arena Lighting

Meshberg, Gary

Controls April p. 52 Energy Savings Potential Controls Aug p. 22 QPL for Networked Controls

Mullaney, Rebekah

Five Projects in May p. 39 Five Pages The Lighting Research Center

Papamichael, Konstantinos

Research April p. 98 Short-Term Color Preference Comparisons Are Inadequate for Optimizing Long-Term Illumination

Pedler, David

Designing with Oct p. 30 Circadian Stimulus Circadian Light in the Built Environment

Peifer, Don

Forward Thinking April p. 34 Beyond the Lumen

Plank, Jerry

Product Safety...... Mar p. 32 The Hoverboard Product Safety...... Sept p. 30 How to Choose an NRTL Product Safety...... Dec p. 16 Pushing Products to the Breaking Point

Pogson, Rebecca

Out of the Park..... July p. 26 Target Field Station, Minneapolis

Pompeo, Paul

The Company · Jan p. 24 The Candidate 2016 Jobs Outlook The Company · April p. 56 The Candidate Tables Turned on Performance Evaluation The Company · Aug p. 30 The Candidate Return of the Non-Compete The Company · Nov p. 26 The Candidate Higher Level Hiring

Royer, Michael

Color Rendering: Dec p. 54 What Do We Want? High Preference Vs. High Fidelity

Sharer, Russ

Point of View..... Oct p. 24 Open is the Answer

Schwirck, Samantha

Washington Detour ... Jan p. 30 The White House Visitor Center, Washington, D.C. Happy Feet for All Jan p. 40 Kansas City Zoo Show and Tell..... Feb p. 34 The Lighting Agency Creates a Community Laboratory No Map? No Problem. . Mar. p. 61 Oxford Brookes University, Oxford, England Pipe Dreams April p. 70 Columbia Boulevard Wastewater Treatment Plant, Portland, OR Seller Markets May p. 28 Southbank Place, London A Full-Circle Solution . . June p. 44 Winston-Salem State University, Winston-Salem, NC Care Without Glare July p. 36

NewCourtland LIFE Center, Allegheny, North Philadelphia

A Potent Brew..... Aug p. 52 Molson Brewing Company's new mile-high headquarters

Imagine That Aug p. 57 What Would You Do as

a Lighting Czar? More Than Medicine... Oct p. 48 Light Catchers Boost Spirits at a Cancer Support Center Men and Women Nov p. 72 of Letters What Makes the Industry's Newest

Credential a Stand-out Above and Beyond Dec p. 48

SFMOMA'S New Ceiling

Siminovitch, Michael

Research April p. 98 Short-Term Color Preference Comparisons Are Inadequate for Optimizing Long-Term Illumination Research Aug p. 60 Next Generation Healthcare Lighting

Tarricone, Paul

Fully Loaded Jan p. 35 Vintage Cars at the Gedee Museum In India Follow the Bouncing . . Feb p. 40 Ball University of Arizona's McKale Arena Resiliency and the Feb p. 46 New Normal Lighting's Role in Adapting Buildings for Disaster Hog Heaven..... Mar. p. 66 Dripping Springs, TX A Busy Day at April p. 76 the Office CBRE, Vancouver, BC Tuned In April p. 93 Panel on Color-tunable White Light A Triumph of June p. 57 Imagination Award-Winning CLUE Projects A Salute to 16 July p. 32 Illuminated columns at a Kentucky

Courthouse Pay Tribute Twelve Years a Dome . . Sept p. 36 San Diego Central Library In a World Without Sept p. 52 Drivers What Will Roadway Lighting Be? The Long Climb Back . . Dec p. 38 University of Nebraska-Omaha

Testa, Bridget Mintz

The Sea Will Tell..... Sept p. 42 Tilikum Crossing, Portland, OR

Warren, Wilard L.

Energy Advisor..... Jan p. 16 Perception is Reality Energy Advisor..... Feb p. 14 Considering Glare Energy Advisor..... Mar p. 28 Streamline for Quality Energy Advisor..... April p. 32 New Hope for NZE Energy Advisor..... May p. 16 Don't Get Burned By Cut-Rate Products Energy Advisor..... June p.18 Consensus-Based Color Perception Energy Advisor..... July p. 14 Enhancing Color Energy Advisor..... Aug p.16 A New 90.1 Energy Advisor..... Sept p.12 Questioning Health Warnings Energy Advisor..... Oct p. 16 Putting the Squeeze on Lemonaires Energy Advisor..... Nov p. 14 Sensing vs. Sight Energy Advisor..... Dec p. 12 Next for Net Zero

Whitehead, Lorne

Research April p. 98 Short-Term Color Preference Comparisons Are Inadequate for Optimizing Long-Term Illumination

Yriberri, John

Heed the Call June p. 36 What Smart Lighting Can Become