



Architectural Lighting Photography

Doug Salin will share his thoughts about photographing lighting applications. He is a commercial photographer with 27 years of professional experience. Doug applies his training as a product photographer to the larger scale of lighting applications. From bathrooms of the "rich and famous", to airports and bridges. His knowledge of color capture spans the transition from transparency to negative to digital. From simple fluorescents to discharge lamps, he has worked from Tokyo to Dubai capturing lighting.



His lighting clients include: Jim Benya, Michael Souter, Naomi Miller, Ross DeAlessi, Jan Moyer, Randy Whitehead, Larry French, Patty Glasow, Len Auerbach, Darrell Hawthorne, Janet Nolan, and Linda Ferry. He has done work for Prescolite, Lutron, ERCO, Greenlee, Hydrel, Cooper, Ledalite, Rambusch, Litecontrol, Lucifer, Color Kinetics, and Philips.

Date

Wednesday, November 17, 2004

TIME

Board Meeting	5:00 PM
Dinner	6:00 PM
Presentation	7:00 PM

ADMISSION

Member w/reservation	\$25
Member w/o reservation	\$30
Non-member w/reservation	\$30
Non-member w/o reservation	\$35
Full time Student	\$10

Please Note: Because we are charged, we must bill for reservations made but not kept.

LOCATION

Andiamo's Tuscan Room
3145 Folsom Blvd
Sacramento, CA 95816. 916-456-0504

MENU

Pasta primavera
Atlantic salmon
Rotisserie chicken

Please let Connie know what menu item you would prefer – thank you!

RESERVATIONS

Please make your reservations before 3:00 PM, Friday, November 12

Connie Buchan, SMUD
916-732-6404

connie.buchan@smud.org

Please share this Newsletter in your office.

December Holiday Social

A Garbeau's Christmas

Come join us for this year's December Holiday Social at Garbeau's Dinner Theatre. A Garbeau's Christmas is a celebration of the season in music, dance and comedy. From time-honored favorites to bright new dances you'll be treated to all the best of the holiday season.

Where

Garbeau's Dinner Theatre, 12401 Folsom Boulevard, Rancho Cordova, CA 95742. 916-985-6361.

When

Tuesday, December 7, 2004
Check-in and seating: 6:00 p.m.
Show begins: 8:00 p.m. and last approximately 2.5 hours

PLEASE RSVP

On or before 3:00 PM, November 23, 2004
Connie Buchan, 916-732-6404;

Price

\$30 for everyone



FIVE meetings for the price of FOUR

We are offering a five-meeting ticket for the price of four meetings. One of these tickets will allow the holder to attend any five technical dinner meetings, other than socials, for \$100. Please contact me if you would like to purchase any of these tickets, or if you have any questions.

Connie Buchan

Program Chair
916-732-6404

connie.buchan@smud.org

IIDA

Detailed information about the 2005 International Illumination Design Awards is now available on the IESNA website:

<http://www.iesna.org/PDF/Awards/IIDA/2005form.pdf>

Information includes the following:

- General Information
- Procedures and entry rules
- Judging sheet

- Nomination form
- Guidelines to improve your IIDA text
- Guidelines to improve your IIDA photographs
- Frequently asked questions

If you have any questions, please contact me.

Frank Frounfelker

IIDA Chair
916-725-1903

ffrounfelker@holophane.com

Prez Sez

As we have survived a relatively mild summer without interruptions in our power grid, my thoughts are already focused on next summer when we may very well be faced with rolling blackouts as we have in years past. It doesn't take a rocket scientist to evaluate the speed at which California's population is increasing versus the number of new energy sources that are being built.

One method to help is by installing Occupancy Sensors in areas where a light may be left on for unnecessary reasons, like an office, walk-in closet, restroom, or service area. The following article articulates the justification for sensors, and the savings potential.

All lighting systems are operated with lighting controls, devices that switch lights on and off or devices that dim light output. The most common and basic lighting control is a simple on-off switch, which, when flipped, opens and closes the circuit, feeding or cutting off the electric current necessarily to operate the lamps.

While the basic switch is economical in terms of initial cost, they can actually become quite expensive

over time in terms of total ownership cost.

If you look at most large city skylines at night, we see an almost majestic view of skyscrapers dotted with thousands of lights, each of them a window offering a view of an office or space that is lighted but unoccupied.

Lighting system operation costs money, and yet organizations lose profits every day by paying to operate lighting systems when nobody's there to work. It's like paying workers to sit and do nothing.

A solution is the adoption of automatic lighting controls that switch the lights or dim them based on occupancy, time of day and availability of daylight. Occupancy sensors are automatic switching devices that sense human occupancy and control the lighting system accordingly, either by turning on/off the lighting system or, in tandem with other controls, increasing/decreasing light output.

Energy, a basic product for which the electric utility charges, is the result of a lighting system used over time: $\text{Power (watts)} \times \text{Time (hours)} = \text{Energy (kilowatt-hours)}$. If we reduce the hours of operation for a lighting system, then we can significantly reduce energy use and associated costs.

By turning off the lights when occupants are not present using occupancy sensors, we reduce energy waste that can result in a reduction in lighting energy consumption. According to the California Energy Commission, "Energy saving potential is highly dependent on baseline assumptions and operation, but values of 35% to 45% are typical."

Occupancy sensors also can reduce the building's peak demand, reducing demand charges, which are significant costs that may be imposed by the local utility.

The first five people who read this and call me at 916 787-6630 will receive a wall switch occupancy sensor of their very own.

Tim Welch

Section President
916-787-6630
tjw@cjslighting.com

The best career advice to the young is:

"Find out what you like doing best and get someone to pay you for doing it."

Katharine Whitehorn,
b. 1926
English Newspaper
Columnist

Education

The "Introduction to Lighting" course will be scheduled for the spring.

We will be offering the ED-100, Lighting Fundamentals course, shortly after the Introduction to Lighting Course is completed.

Please contact me if you would like additional information.

Mark Crume
Education Chair
rcrume@smud.org
916-732-6672

More in 04

Recruitment Campaign

All sections are invited to participate in a competition to see which group can recruit the most members in a given period. The remaining periods are as follows:

- Sept 2004 - Jan 2005
- Feb 2005 - June 2005
- Sep 2005 - Jan 2006
- And so forth

Here is what Sections can win:

- Each NEW member (not students, those in suspense, or removed members) will receive a free copy of the IESNA Ready Reference upon payment of a year's dues.
- A \$1,000 grant directly into the Treasury

account of the winning Section.

- Top 5 Individual Recruiters will receive a \$50 coupon toward IESNA products, a recognition plaque, copy of IESNA Ready Reference, and an IESNA golf shirt.
- The winning Section and top five recruiters will be recognized in LD+A, and during the Annual Conference.

IESNA Centennial

January 10, 2006



The Centennial of the Illuminating Engineering Society of North America's founding in 1906 should be a time of reflection on our history, values, unique characteristics and culture; a period of celebration of past and present achievements; and a moment to look ahead to the exciting future that awaits the IESNA.

We welcome your involvement in this year's activities. There are many opportunities to participate in committees and projects

where your contribution is greatly appreciated.

Please feel free to contact me if you have any questions.

Gale Spencer
Centennial Chair
916-649-2220
litegal@surewest.net

Just for Fun

How Many Dogs Does It Take to Change A Light Bulb? (...Continued)

Jack Russell Terrier:
I'll just pop it in while I'm bouncing off the walls and furniture.

Old English Sheep Dog:
Light bulb? I'm sorry, but I don't see a light bulb?

Cocker Spaniel:
Why change it? I can still pee on the carpet in the dark.

Chihuahua:
Yo quiero Taco Bulb.

Pointer:
I see it, there it is, there it is, right there...

Greyhound:
It isn't moving. Who cares?

Australian Shepherd:
First, I'll put all the light bulbs in a little circle

SUSTAINING & SUBSCRIBING MEMBERS

Capitol City Design	Tony Baker
City of Sacramento	Wes Hiratsuka
CJS Lighting	Robert O'Flaherty
Gale Spencer	Gale Spencer
Interface Engineering, Inc.	Stuart Lindsay
Lighting Systems	Keith Roberts
M. Neils Engineering, Inc.	Mike Neils
Sacramento Municipal Utility District	Connie Buchan



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PROGRAMS - Connie Buchan, SMUD

**CENTENNIAL, MEMBERSHIP,
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<http://www.iesmotherlode.org>

