

**TRACK NAME**

Green Building in the Desert - USGBC

**SESSION NAME**

LEDs for General Illumination Applications

**DATE + TIME + ROOM NUMBER**

Saturday Sept 6<sup>th</sup> – 10:10am – Room 102B

**SESSION DESCRIPTION**

This session will cover multiples topics revolving around LED lighting technology.

1. DOE Projection on General illumination 2007-2027
2. DOE Projection on LED Device Performance 2007-2012
3. Pro & Con on LED Comparing to Conventional
4. CRI (Color Rendering Index) CR (Color Rendering) for LED Lighting
5. Misconception on LED Efficiency.
6. Misconception on Conventional Light Sources
7. Suggestions to Lighting Designer
8. Case Study

**PRESENTER(S)**

DJ Chou - enLux

**PRESENTER BIOGRAPHY(S)**

DJ Chou is the president of enLux Lighting. He received his PhD degree in Mechanical Engineering majoring in thermal science from the Wayne State University. From 1980 to 1986, he was employed by Energy Conversion Devices as a research engineer focusing his works on direct energy conversion, compound semiconductors, and advance packaging for the direct energy conversion devices such as thermoelectric power generators and photovoltaic panels. In 1990, He found Enertron, Inc, a thermal management solution provider for microelectronic industries. In 2004, his invention of the world first incandescent drop-in replacement LED R30 floodlight, received both the Best LED Product Award and the Energy Award in 2004 LightFair International, and also the Grand Award of BOWH (Best of What New) in 2004 Popular Science Magazine. He is a mountaineer; he organized and was the team leader of the first ever Chinese K2 expedition in 2000. He has authored or Co-Authorred over 10+ technical publications, and 12 patents.

**CONTINUING EDUCATION CREDIT (CEU)**

N/A