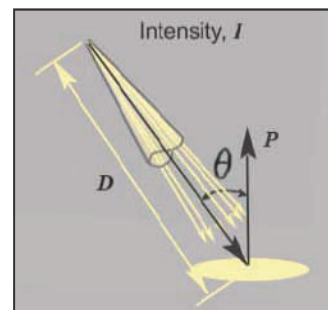




Special

IES Workshop: Lighting Calculation Terms and Methods
Presented by Dan Rogers, LC, IES, LEED AP

Tuesday, March 12, 2013
6:00 pm - 9:00 pm
Check-in at 5:30 pm
Maggie's Café
1186 Western Ave
Albany, NY 12203
[Map](#)



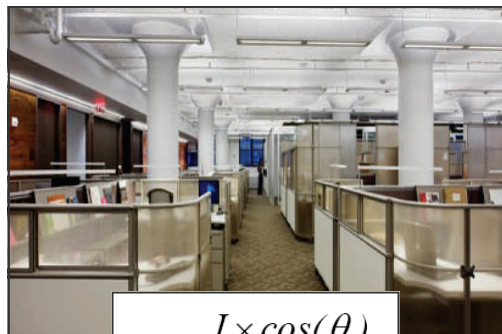
Do you want to calculate illuminance without the need for computer software, or check the simulations you are running? If so, this special 3 hour workshop is for you. Dan Rogers is a dynamic speaker, has been part of the NYC architectural lighting community for 17 years, and sits on four IES committees. Bring a calculator—*don't worry, it's simple math.*

What's Covered:

- Understand the inverse square law and Lumen Method for calculating illuminance.

Learning Objectives:

- Calculate illuminance at a point on a horizontal or vertical surface.
- Lumen Method limitations and assumptions.
- Components of the Lumen Method equation.
- Identify the Coefficient of Utilization of a luminaire.
- Calculate average illuminance with the Lumen Method.
- Extend the Lumen Method to improve models.



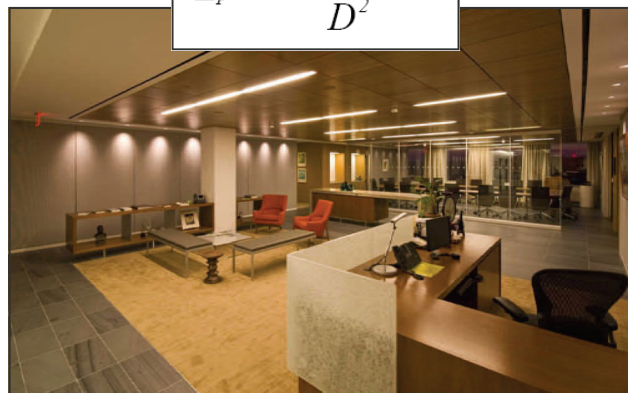
$$E_p = \frac{I \times \cos(\theta)}{D^2}$$

Fee Schedule:

\$30 IES Member
\$40 Non-Member
\$5 Student
Pay at the door: cash or check to "Albany IES".

Course Credits:

- 3.0 IES CEU
- 3.0 AIA/HSW
- 3.0 LC NCQLP



To Attend: Please RSVP by email to Kevin Fuscus: kfuscus@gmail.com

www.AlbanyIES.org