



**ENERGY STAR® Lamps Version 1.0 Specification  
Round Table Meeting Agenda  
Monday, October 24, 2011  
Paradise Point Resort  
“Dockside” Meeting Room**

EPA's round table meeting is open to EPA-recognized Laboratories, Certification Bodies and Accreditation Bodies, as well as other interested stakeholders. Attendees are asked to review the first draft of the Lamps V1.0 specification (forthcoming) prior to attending this round table. The meeting will present an opportunity to discuss draft requirements language, referenced documents, standards and methods of measurement as they relate to testing and certification for ENERGY STAR. (Please note: draft performance levels will not be discussed at this meeting.) Those interested in the TM-21 session are also asked to review the document, [now available](#) from the IES.

ENERGY STAR program representatives will be available throughout the week to answer questions about all lighting specifications. Please contact [certification@energystar.gov](mailto:certification@energystar.gov) with advance questions about the round table.

- 7:45am - 8:30am      Breakfast in “Sunset V” Meeting Room
- 8:30am - 10:00am    Lamps V1.0 Review: Photometric Methods of Measurement
- Efficacy & light output
  - Color rendering & CCT
  - Lumen & color maintenance
  - Intensity distribution & directional lamp beam quality
  - Color angular uniformity
- 10:00am - 10:30am    Break
- 10:30am - 12:00pm   Lamps V1.0 Review: Electrical Methods of Measurement
- Start time
  - Run up time
  - Power factor
  - Operating frequency
  - Transient protection
- 12:00pm - 1:30pm    Lunch in “Sunset III” Meeting Room  
Table discussions: Feasibility of testing requirements. Topics and table leaders to be assigned.
- 1:30pm - 3:00pm      Lamps V1.0 Review: Additional Testing
- Rapid cycle stress test
  - Elevated temperature test
  - Noise
  - Dimming
- 3:00pm - 3:30pm      Coffee Break
- 3:30pm - 5:00pm      IES TM-21-11 Overview and Q&A Session (Cameron Miller, NIST)  
This session will review the recently published lumen maintenance projection method for LED light sources, referenced in the Luminaires V1.1 specification. Example calculations will be run, with time for questions and discussion.