

IEEE PAR 1789

“Recommended Practices of Modulating Current in High Brightness LEDs for Mitigating Health Risks to Viewers”

Teleconference 5/28/09: 12pm-1pm EST

Agenda

- 1) Summary of Minutes
- 2) Summary of Web Discussions (none!!)
- 3) Officer Activities (Lightfair, Strategy on forming subcommittees to write draft parts of report)
- 4) Subcommittees to be formed: Epileptic/Photosensitive Seizures, Glossary of Terms, Methods of Frequency Modulation in LEDs
- 5) Discussion on Epileptic/Photosensitive Seizures
- 6) Planning for next telecons
- 7) Adjournment

IEEE Approved Scope of PAR1789 (any modifications must be approved by the IEEE Standards Board of Governors)

The scope of this standard is to: 1) Define the concept of modulation frequencies for LEDs and give discussion on their applications to LED lighting, 2) Describe LED lighting applications in which modulation frequencies pose possible health risks to users, 3) Discuss the concept of dimming of LEDs by modulating the frequency of driving currents/voltage 4) Present recommendations for modulation frequencies for LED lighting and dimming applications to protect against known adverse health effects.