

Minutes
Photometrics Working Group
Friday, 24 October 2008
Harrah's Las Vegas
Las Vegas, NV

Chairman: Jerry Gorrell; Theatre Safety Programs; P; U

Recording secretary: Karl G. Ruling; ESTA

Members attending: Rick Loudenburg; Barbizon Light; P; DR
Ken Vannice; Colortran (Leviton Manufacturing Co., Inc.); P; MP
Mike Wood; Mike Wood Consulting LLC; P; G
Ron Bonner; PLASA; P; G
Michael Lay; Strand Lighting (Royal Philips Electronics); P; MP

Visitors: None

1 Opening Remarks

Jerry Gorrell called the meeting to order at 08:03. He said this will be our annual meeting until we have a new project or need to work on an old project.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

A hot pink attendance sign-in sheet was circulated. All knew each other, so the self-introductions were omitted.

2.2 Determination of quorum

Jerry Gorrell announced that a quorum was present.

2.3 Recognition of alternate voting members

There were none to recognize.

2.4 Requirements for membership

Gorrell reminded those present that membership is open to all who are materially affected by the work of the group, but voting members are required to vote on letter ballots and to attend meetings. If a voting member and his alternate both miss three meetings in a row, they are moved to observer status. This will be done at the end of the third meeting missed.

2.5 Processing of new membership requests

Royal Philips Electronics recently purchased Genlyte, so the members who worked for Genlyte companies now needed to be recognized as members now working for Royal Philips Electronics. Those members were:

Mitch Hefter; Entertainment Technology; observer; mass market producer
Mike Lay; Strand Lighting; principal; mass market producer

Mike Wood moved that their applications be accepted. The motion was seconded and then approved with a unanimous show of hands.

2.6 Consensus body

The full consensus body (all possible voters) during the time of this meeting was:

Name	Company	Representing	Voting status	Int. cat.
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	P	DR
Ken Vannice	Colortran	Leviton Manufacturing Co., Inc.	P	MP
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Ron Bonner	PLASA	PLASA	P	G
Michael Lay	Strand Lighting	Royal Philips Electronics	P	MP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
		Total votes possible	6	
		Votes by interest category	0	CP
			2	MP
			1	DR
			1	U
			2	G

3 Approval of the minutes from the 14 July 2007 meeting

(See document Photo/2007-5013, file name PHmin07-2007.pdf.) Mike Lay moved that the draft minutes of the July 2007 meeting (the last meeting) be approved as written. The motion was seconded and then approved with a unanimous show of hands.

4 ESTA declarations

4.1 Call for patents

The following statement was read aloud to the assembly by the Jerry Gorrell:

"ESTA intends not to publish any standard that contains protected intellectual property, unless that information can be licensed by anyone for a reasonable fee. ESTA uses a process of open patent and copyright disclosures to implement its intent. ESTA does not conduct patent or copyright searches and does not warrant that its standards contain no protected intellectual property.

"In keeping with the open disclosures policy, I ask if anyone present wishes to notify this working group of the existence of a patent or copyright or other intellectual property that might protect material in a standard being developed by this working group. You need not be the holder of the patent or copyright to notify this working group of its existence."

No protected property was reported.

4.2 Anti-trust statement

The following statement was read aloud to the assembly by Jerry Gorrell:

"The ESTA Board of Directors, the Technical Standards Committee, and the leadership of this working group will reject or nullify any actions that unlawfully restrain trade. Anyone who feels that such an action is being or has been taken is requested to bring that matter to the attention of the chair immediately. Anyone who feels that actions in restraint of trade have been taken and not properly annulled is requested to notify the TSC chair or ESTA president immediately.

"ESTA legal counsel has informed us that violations of the anti-trust laws can have serious consequences. Individuals engaged in certain unlawful conduct can be found criminally liable. An individual convicted of a criminal violation of the Sherman Act may be fined as much as \$1,000,000 and imprisoned for up to ten years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

The Technical Standards Manager, Karl Ruling, held up one of the easy-to-read pamphlets to show a copy was available.

No restraint of trade issues were reported.

5 Approval of agenda

Mike Wood moved that the draft agenda be accepted. The motion was seconded and then approved with a show of hands.

6 Old Business

6.1 ANSI E1.9-2007, Reporting Photometric Performance Data for Luminaires Used in Entertainment Lighting

There was discussion of its uptake in the market. No action was suggested.

6.2 ANSI E1.25-2006, Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface

There was discussion of the standard's uptake in the market. Mike Wood said he was using part of it for his luminaire testing for product reviews.

No action was suggested.

6.3 ANSI E1.35 - 2007, Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use

There was discussion of the standard's uptake in the market. Mike Wood said he was using part of it for his luminaire testing for product reviews. He said that Apollo and Rosco offer the required test gobos.

6.4 ANSI E1.36 - 2007, Model Procedure for Permitting the Use of Tungsten-Halogen Incandescent Lamps and Stage and Studio Luminaires in Vendor Exhibit Booths in Convention and Trade Show Exhibition Halls

There was discussion of the standard's uptake in the market. It has made no change in the house rules at the Las Vegas Convention Center, which continues to impose a blanket ban on double-ended tungsten-halogen lamps. No motions were offered.

7 New business

The need for a standard for measuring the output of LED sources was discussed. There is a problem that most light meters are calibrated to the CIE photopic luminous efficiency curve of 1924, which significantly deviates from the human eye response at the blue end of the spectrum, the part of the spectrum in which one third of the emitters in an RGB luminaire operate. No motions were offered.

8 Other business

None.

9 Schedule for future meetings

Jerry Gorrell stated his intention of having an annual meeting at LDI, but meeting in January or July in Texas will be considered. Of course, if we come up with another project or issue to be addressed, we will schedule more meetings.

10 Changes to observer status

Rick Loudenburg of Barbizon Light had missed the previous two meetings, but was present at this one, so there was no change in his voting status.

11 Adjournment

Ron Bonner moved that the meeting adjourn. The motion was seconded and then approved with a show of hands. Jerry Gorrell declared the meeting adjourned at 08:30.

Membership and Contact Information as of 1 December 2008

Name	Company	Representation (This is the sort field.)	Voting status	Int. cat.
Andre Broucke	ADB - TTV Technologies	ADB-TTV Group	O	MP
John Luk	Altman Stage Lighting	Altman Stage Lighting	O	MP
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	O	MP
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	P	DR
Lee J. Bloch	Bloch Design Group, Inc.	Bloch Design Group, Inc.	O	U
Ed Hyatt	Boston Illumination Group, Inc.	Boston Illumination Group	O	CP
Bill Ellis	Candela Controls, Inc.	Candela Controls, Inc.	O	U
Francesco Romagnoli	Clay Paky S.P.A.	Clay Paky S.P.A.	O	MP
David Bertenshaw	David Bertenshaw	David Bertenshaw	O	G
Doug MacDonald	Designlab Chicago	Designlab Chicago Inc.	O	DR
A C Hickox	Domingo Gonzalez Associates	Domingo Gonzalez Associates	O	U
Gregg Esakoff	ETC West	Electronic Theatre Controls, Inc.	O	MP
Jim McHugh	Humboldt State University/IES	Humboldt State University	O	U
Robert Mokry	I C Lighting	I C Lighting	O	G
Jim Grosh	Jim Grosh Associates	Jim Grosh Associates	O	G
Ken Vannice	Colortran	Leviton Manufacturing Co., Inc.	P	MP
Afsan Quazi	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	O	G
Heidi Hyldahl	Martin Professional A/S	Martin Professional A/S	O	MP
Hiroshi Kita	Marumo Electric Co., Ltd.	Marumo Electric Co., Ltd.	O	MP
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Bill Klages	New Klages Inc.	New Klages Inc.	O	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	O	U
Ron Bonner	PLASA	PLASA	P	G
James Eade	PLASA	PLASA	O	G
Ron Rykowski	Radiant Imaging, Inc.	Radiant Imaging, Inc.	O	G
Francois Juliat	Robert Juliat	Robert Juliat	O	MP
Michael Lay	Strand Lighting	Royal Philips Electronics	P	MP
Mitch Hefter	Entertainment Technology	Royal Philips Electronics	O	G
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
Joseph M. Good, III	Spectrum Professional Services	Spectrum Professional Services	O	G
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	O	CP

Key to codes:

P principal voting member
A alternate voting member
I individual voting member
O observer, non-voting

MP mass-market producer interest category
CP custom-market producer interest category
DR dealer or rental company interest category
U user interest category
G general-interest interest category