

Minutes
Photometrics Working Group
Friday, 2 November 2001
Rosen Centre Hotel, Orlando, FL

Chairmen: Thomas Tyler; Lighting & Electronics, Inc.; principal; producer
Jerry Gorrell; Theatre Safety Programs; principal; user

Members attending: Ed Hyatt; Boston Illumination Group, Inc.; principal; producer
Bill Ellis; Candela Controls, Inc.; observer; user
Jim McHugh; Humboldt State University; principal; user
Ken Vannice; NSI Corporation (Leviton Manufacturing Co., Inc.); principal;
producer
Bill Klages; New Klages Inc.; principal; user
Tim Cox; PLASA; principal; gen. interest
David Jenkins; Radiant Imaging, Inc.; principal; gen. interest
Michael Lay; Strand Lighting (Strand Lighting Ltd.); alternate; producer

Visitor: Todd Adams; Humboldt State University

1 Opening Remarks

Tom Tyler called the meeting to order at 09:04.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

Tyler asked those present to introduce themselves. Karl Ruling asked people to sign the chartreuse and lavender attendance sheet.

2.2 Determination of quorum

Tom Tyler noted that a quorum was present.

2.3 Recognition of alternate voting members

Mike Lay rather than David Stevens was voting for Strand Lighting.

[Please note: After the meeting Karl G. Ruling found out that David Stevens is no longer employed by Strand Lighting in the UK. Thus, Mike Lay is now Strand's principal, and the membership list no longer includes David Stevens.]

2.4 Requirements for membership

Tyler reminded people that membership is open to all who are affected by the work of the group, but that voting members have a meeting attendance requirement. If a voting member and his alternate(s) miss three meetings in a row, they shall lose voting privileges and be moved to observer status. This shall be done at the end of the third meeting missed.

2.5 Processing of new membership requests

Mitch Hefter of Entertainment Technology had applied for observer voting status in the general interest category. Jim McHugh moved that Hefter's application be accepted. The motion was seconded. The motion was approved unanimously on a voice vote.

The full voting body for the working group, including those not present, during the meeting was:

Name	Company	Representing	Voting status	Int. cat.
John Luk	Altman Stage Lighting	Altman Stage Lighting	P	P
Rick Loudenburg	Barbizon Rockies	Barbizon Companies	P	G
Lee J. Bloch	Bloch Design Group Inc.	Bloch Design Group Inc.	P	U
Ed Hyatt	Boston Illumination Group, Inc.	Boston Illumination Group	P	P
Gregg Esakoff	ETC West	Electronic Theatre Controls, Inc.	P	P
Jim McHugh	Humboldt State University/IES	Humboldt State University	P	U
Ken Vannice	NSI Corporation	Leviton Manufacturing Co., Inc.	P	P
Thomas Tyler	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	P	P
Bill Klages	New Klages Inc.	New Klages Inc.	P	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
David Jenkins	Radiant Imaging, Inc.	Radiant Imaging, Inc.	P	G
Ron Rykowski	Radiant Imaging, Inc.	Radiant Imaging, Inc.	A	G
Joseph M. Good, III	Spectrum Professional Services	Spectrum Professional Services	P	G
David Steven	Strand Lighting Ltd.	Strand Lighting Ltd.	P	P
Michael Lay	Strand Lighting	Strand Lighting Ltd.	A	P
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	P	G
			15 votes	6 P 4 U 5 G

3 Approval of the minutes from the previous meeting

Tim Cox moved that the minutes be approved. The motion was seconded. The motion was approved unanimously by a show of hands.

4 Call for patents and anti-trust statement

The following was read aloud by Tom Tyler:

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

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

No issues were brought to the attention of the working group.

The anti-trust statement was also read aloud by Tom Tyler:

"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 \$100,000

and imprisoned for up to three years. An easy to read pamphlet describing restraint of trade issues is available from the Technical Standards Manager."

No restraint of trade issues were brought to the attention of the chairman.

5 Approval of agenda

Bill Klages moved that the agenda be approved. The motion was seconded. The motion was approved unanimously with a show of hands.

6 Welcome to Jerry Gorrell as co-chair

Tom Tyler announced that Jerry Gorrell has been appointed by the TSC as co-chair of the working group. He welcomed Gorrell, and turned running the meeting over to Gorrell.

7 Task group reports

7.1 Nutrition Label examples task group

Jim McHugh distributed examples of data sheets that would fit on a four-sided bifold. He said that he had found the E1.9 standard's format useful for showing students what to do with different types of instruments. He said that he found that every type of luminaire he could think of could be put into the format.

By consensus, it was agreed that working group members shall comment on the sample forms and send these comments to Jim McHugh by December 15.

Jim McHugh agreed to take the forms and create some versions with data in them. David Jenkins agreed to donate the use of a ProMetic system to generate the data from real instruments that Jim McHugh has on hand. This is to be done in time for the Photometrics meeting at USITT.

7.2 Further discussion: Publication – where do we go from here?

The topics developed at the last meeting were discussed. Bill Ellis agreed to work on an article developed from the dimming topics. Ruling said that the due date would be about 5 months from now.

7.3 Discuss whether IES LM73 will meet our needs for photometric testing

IESNA's LM73 hasn't been approved yet, and no one had a clear idea of exactly what requirements are listed in the draft standard. The possibilities of ESTA developing a companion standard or alternate standard to IES LM73 was discussed. No decisions were made, because LM73 is unknown, as yet.

8 Other business

None.

9 Schedule for future meetings

Ruling announced that the next meeting is scheduled for 13:00 to 17:00, Saturday, 16 February 2002, at the Hyatt Regency New Orleans at the Louisiana Superdome (500 Poydras Plaza, New Orleans, LA). The next set of TSP meetings is scheduled for the Friday and weekend of 3 May at the Dallas/Ft. Worth Marriott South in Ft. Worth, TX, but no Photometrics Working Group meeting has been scheduled for that weekend at this time.

10 Adjournment

Ken Vannice moved the meeting adjourn. Tom Tyler seconded the motion. The motion was approved unanimously with a voice vote. Jerry Gorrell declared the meeting adjourned at 10:35.

Photometrics Working Group Membership List after the 2 November 2001 Meeting

Name	Company	Org. represented	Voting status	Interest category
John Luk	Allman Stage Lighting	Allman Stage Lighting	P	P
Rick Loudenburg	Barbizon Rockies	Barbizon Companies	P	G
Lee J. Bloch	Bloch Design Group Inc.	Bloch Design Group Inc.	P	U
Ed Hyatt	Boston Illumination Group, Inc.	Boston Illumination Group	P	P
Bill Ellis	Candela Controls, Inc.	Candela Controls, Inc.	O	U
Francesco Romagnoli	Clay Paky S.P.A.	Clay Paky S.P.A.	O	P
Angelo Cavenati	Clay Paky S.P.A.	Clay Paky S.P.A.	O	P
David Bertenshaw	David Bertenshaw	David Bertenshaw	O	P
A C Hickox	Domingo Gonzalez Associates	Domingo Gonzalez Associates	O	U
Gregg Esakoff	ETC West	Electronic Theatre Controls, Inc.	P	P
Mitch Hefter	Entertainment Technology	Genlyte Thomas Group LLC	O	G
Mike Wood	High End Systems Inc.	High End Systems Inc.	O	P
Jim McHugh	Humboldt State University/IES	Humboldt State University	P	U
Edwin S. Kramer	IATSE, Local 1	I.A.T.S.E. Local 1	O	U
Jim Grosh	Jim Grosh Associates	Jim Grosh Associates	O	G
Ken Vannice	NSI Corporation	Leviton Manufacturing Co., Inc.	P	P
Thomas Tyler	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	P	P
Hiroshi Kita	Marumo Electric Co., Ltd.	Marumo Electric Co., Ltd.	O	P
Tom Pincu	Moodie, Pincu & Associates, Inc.	Moodie, Pincu & Associates, Inc.	O	P
Bill Klages	New Klages Inc.	New Klages Inc.	P	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	P	U
Tim Cox	PLASA	PLASA	P	G
Tony Douglas-Beveridge	PLASA	PLASA	A	G
Robert Barbagallo	Proximo Inc.	Proximo Inc.	O	U
David Jenkins	Radiant Imaging, Inc.	Radiant Imaging, Inc.	P	G
Ron Rykowski	Radiant Imaging, Inc.	Radiant Imaging, Inc.	A	G
Robert Mumm	Robert Mumm	Robert Mumm	O	G
Andre Broucke	ADB - TTV Technologies	Siemens	O	P
Joseph M. Good, III	Spectrum Professional Services	Spectrum Professional Services	P	G
Michael Lay	Strand Lighting	Strand Lighting Ltd.	P	P
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Thomas A. Hough	Vari-Lite, Inc.	Vari-Lite, Inc.	O	G
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	P	G
Eckart Steffens	SOUNDLIGHT	VPLT	O	G

13 Producers
9 Users
10 Gen. interest

Voting Status

- P Principal voting representative for a company or organization
- A Alternate voting representative for a company or organization
- I Individual representing no organization other than himself or herself
- O Observer; non-voting

Interest Categories

- P Producer (manufacturer) of luminaires
- U User of luminaires
- G General Interest in luminaires