

Minutes
Photometrics Working Group
Monday, 24 January 2011
Marriott Solana
Westlake, Texas

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

Recording secretary: Karl G. Ruling; PLASA

Members attending:

Ryan Fletcher; ARRI Inc. (Arnold & Richter Cine Technik); P; MP

Ken Vannice; Leviton Manufacturing Co., Inc.; P; MP

Martin Moore; O; DE

Mike Wood; Mike Wood Consulting LLC; P; G

Ron Bonner; PLASA Technical Resources Office (PLASA); P; G

Chris Wyatt; Philips Entertainment, representing Royal Philips Electronics; P; MP

Mitch Hefter; Philips Controls (Royal Philips Electronics); O; G

Michael Lay; Philips Color Kinetics, representing Royal Philips Electronics; A; MP

Jefferey Knox; Schuler Shook; P; DE

Kimberly Corbett; Schuler Shook; A; DE

Visitors:

Louis Bradfield; Bally's Las Vegas

David Tedale; Royal Philips Electronics

Alan Rowe; IATSE Local 728

1 Opening Remarks

Jerry Gorrell called the meeting to order at 14:00.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

An orange attendance sign-in sheet was circulated.

2.2 Determination of quorum

Jerry Gorrell asked for a show of hands of voting members. He counted them and then announced that a quorum was present.

2.3 Recognition of alternate voting members

There were no alternates present without a principal.

2.4 Requirements for membership

Gorrell reminded the assembly 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 Changes to observer status

Principals (and alternates, if applicable) who have missed the last two meetings and who will have not meet the minimum attendance requirements for voters if this meeting also is missed:

- None

2.6 Processing of new membership requests

An application was pending for Martin Moore, who was applying as an observer in the Designer interest category. The representatives from Schuler Shook, who had applied for voting status at the March 2010 meeting but not attended and been given observer status, asked to be moved to voting status. Observer member Ryan Fletcher of ARRI also asked for principal voting status.

Mike Wood moved that the applications and requests of Martin Moore, Kimberly Corbett and Jefferey Knox of Schuler Shook, and Ryan Fletcher of ARRI be accepted. The motion was seconded and then approved with a show of hands.

2.7 Consensus body

The full consensus body during this meeting, including voters not present, was:

Name	Representing	Voting status	Interest cat.
Ryan Fletcher	Arnold & Richter Cine Technik	P	MP
Rick Loudenburg	Barbizon Companies	P	DR
Mark Ravenhill	GLP German Light Products GmbH	P	MP
Markus Salm	GLP German Light Products GmbH	A	MP
Ken Vannice	Leviton Manufacturing Co., Inc.	P	MP
Mike Wood	Mike Wood Consulting LLC	P	G
Ron Bonner	PLASA	P	G
Chris Wyatt	Royal Philips Electronics	P	MP
Michael Lay	Royal Philips Electronics	A	MP
Jefferey Knox	Schuler Shook	P	DE
Kimberly Corbett	Schuler Shook	A	DE
Jerry Gorrell	Theatre Safety Programs	P	U
	Total votes possible	9	
		4	MP
		0	CP
		1	DR
	Votes by interest categories	1	U
		2	G
		1	DE

3 Approval of the minutes from the 22 October 2010 meeting

See *PHmin10-2010.pdf*.

Ken Vannice moved that the draft minutes of the October 2010 meeting be approved as written. The motion was seconded and then approved with a show of hands.

4 PLASA declarations

4.1 Call for patents

Jerry Gorrell read the following statement aloud to the assembly:

"PLASA intends not to publish any standard that contains protected intellectual property, unless that information can be licensed by anyone for a reasonable fee. PLASA uses a process of open patent and copyright disclosures to implement its intent. PLASA 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."

Nothing was reported.

4.2 Anti-trust statement

Jerry Gorrell read the following statement aloud to the assembly:

"The PLASA Board of Directors, the Technical Standards Council, 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 PLASA president immediately.

"PLASA 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."

Karl Ruling held up some of the easy-to-read pamphlets to show that they were available at the meeting.

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

5 Approval of agenda

Ken Vannice moved that the draft agenda be accepted. The motion was seconded. The motion was 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

Any action needed?

No action or news.

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

Any action needed?

There was a discussion of when to start a reaffirmation project. The consensus was later this year, after the new P&P is approved.

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

Any action needed?

No action or news.

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

Any action needed?

No action or news.

6.5 BSR E1.41 - 201x , Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources

Discussion of draft standard. Possible motion for first public review. See E1-41SSLDraft0-4.pdf and ChangesforJanuary2011.pdf.

Mike Wood explained the changes and additions from the version presented at LDI. He explained the change of the word "flicker" to "modulation frequency." He went back and forth with the commenters to arrive at the resolutions implemented in the new draft, so these changes are acceptable to the commenters.

Mike Wood moved that the BSR E1.41 draft standard be offered for public review. The motion was seconded. The motion will be decided by letter ballot, as our current P&P requires.

7 New business

None.

8 Other business

None.

9 Schedule for future meetings

The next meeting is scheduled for 10:00 to 13:00 on 12 March 2011 at the Westin Charlotte in Charlotte, NC.

The consensus was that probably we will not meet then, but let's wait for the letter ballot results before canceling. If the motion fails, we will have work. The July meeting would be time to for the public review comments and starting work on E1.25.

10 Adjournment

Ken Vannice moved that the meeting adjourn. The motion was seconded and then approved with a show of hands. Jerry Gorrell declared the meeting adjourned at 14:25.

Working Group Membership and Contact Information as of 7 February 2011

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
Larry Busch	ADB Lighting Technologies	ADB Lighting Technologies	O	MP
John Luk	Altman Stage Lighting	Altman Stage Lighting	O	MP
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	O	MP
André Broucke	André Broucke	André Broucke	O	G
Ryan Fletcher	ARRI Inc. (Calif.)	Arnold & Richter Cine Technik	P	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
Charles H. Green	Charles H. Green	Charles H. Green	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
Mark Ravenhill	GLP German Light Products Inc.	GLP German Light Products GmbH	P	MP
Markus Salm	GLP German Light Products GmbH	GLP German Light Products GmbH	A	MP
Jim McHugh	Humboldt State University/IES	Humboldt State University	O	U
Francesc Rodelles Vinyoles	Institut del Teatre	Institut del Teatre	O	D
Ken Vannice	Leviton Manufacturing Co., Inc.	Leviton Manufacturing Co., Inc.	P	MP
Afsan Quazi	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	O	G
Martin Moore	Martin Moore	Martin Moore	O	DE
Dennis Thykjær Jørgensen	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 Technical Resources Office	PLASA EU	P	G
James Eade	PLASA	PLASA EU	O	G
Garrett Young	Prism Projection, Inc.	Prism Projection, Inc.	O	MP
Ron Rykowski	Radiant Imaging, Inc.	Radiant Imaging, Inc.	O	G
Francois Juliat	Robert Juliat	Robert Juliat	O	MP
Chris Wyatt	Philips Entertainment	Royal Philips Electronics	P	MP
Mitch Hefter	Philips Controls	Royal Philips Electronics	O	G
Michael Lay	Philips Color Kinetics	Royal Philips Electronics	A	MP
Jefferey Knox	Schuler Shook	Schuler Shook	P	DE
Kimberly Corbett	Schuler Shook	Schuler Shook	A	DE

Name	Company	Representing (This is the primary sort field.)	Voting status	Int. cat.
John Allard	Softsun	Softsun	O	CP
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	MP	mass-market producer interest category
A	alternate voting member	CP	custom-market producer interest category
I	individual voting member	DR	dealer or rental company interest category
O	observer, non-voting	U	user interest category
		G	general-interest interest category
		DE	designer