

Minutes
Photometrics Working Group
Saturday 26 January 2013
14:00 to 18:00
Marriott Solana
Westlake, TX

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

Recording secretary: Karl G. Ruling; PLASA

Members Attending:

Ken Vannice; Leviton Manufacturing Co., Inc.; P; MP
Mike Wood; Mike Wood Consulting LLC; P; G
Michael Lay; Philips Color Kinetics (Royal Philips Electronics); P; MP
Jefferey Knox; Schuler Shook; P; DE
Karl G. Ruling; Unit 12 Productions; I; DE

Visitors:

Jean-Francois Canuel; Spectrum Manufacturing
Erin Grabe; PLASA

1 Opening Remarks

Meeting called to order by Jerry Gorrell at 14:06.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

Those present introduced themselves and a hot pink attendance sheet was circulated clockwise.

2.2 Determination of quorum

(9 voting members: 3 needed for a quorum, 5 to pass a supermajority vote)

A count of raised voting member hands concluded that the group reached a quorum.

2.3 Recognition of alternate voting members

None to recognize.

2.4 Requirements for membership

Jerry Gorrell reminded that group 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 met the minimum attendance requirements for voting if this meeting also is missed:

³⁵/₁₇ None

2.6 Processing of new membership requests

Pending applications:

³⁵/₁₇ Robert Timmerman; Philips Color Kinetics; Observer; MP

³⁵/₁₇ Jeremy Day; Philips Color Kinetics; Observer; MP

Ken Vannice made a motion to approve new membership requests. Motion was seconded and approved by a show of hands.

2.7 Consensus body

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

Name	Representing	Voting status	Int. cat.
Ryan Fletcher	Arnold & Richter Cine Technik	P	MP
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 EU	P	G
Michael Lay	Royal Philips Electronics	P	MP
Jefferey Knox	Schuler Shook	P	DE
Kimberly Corbett	Schuler Shook	A	DE
Jerry Gorrell	Theatre Safety Programs	P	U
Karl G. Ruling	Unit 12 Productions	I	DE
Total votes possible		9	
Votes by interest categories		0	CP
		4	MP
		0	DR
		1	U
		2	G
		2	DE

3 Approval of the minutes from the October 2012 meeting

See *PHmin10-2012.pdf*.

Mike Wood made a motion to approve the minutes. The motion was seconded and approved by a show of hands.

4 PLASA declarations

4.1 Call for patents

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

"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

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

"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 chair 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."

The Anti-trust pamphlet was held up by Erin Grabe.

No restraint of trade problems were reported.

5 Approval of agenda

Ken Vannice made a motion to approve the agenda. The motion was seconded and approved by a show of hands.

6 Old Business

6.1 ANSI E1.9 - 2007 (R2012), Reporting Photometric Performance Data for Luminaires Used in Entertainment Lighting

It's published. Any news or action?

No action required.

6.2 ANSI E1.25 - 2012, Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface

It's published. Any news or action?

No action required.

6.3 BSR E1.35 - 201x, Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use

Review ends 21 January. Next step?

There were no public review comments.

Mike Wood moved to accept as an ANS. Motion was seconded and will be decided by letter ballot.

6.4 ANSI E1.36 - 2007 (R2012), 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

It's published. Any news or action?

No action required.

6.5 ANSI E1.41 - 2012 , Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources

It's published. Any news or action needed?

No action required.

6.6 BSR E1.48, a luminous efficiency function

Consider first draft. Next step?

Ken Vannice moved that we offer the draft for public review. Motion was seconded and approved by a unanimous show of hands, which was a supermajority.

6.7 Makeup mirror lighting

Progress report. Karl Ruling.

Karl Ruling described a problem with digital cameras and their inability to accurately capture the spectrum of a light source as shown by a basic spectrometer. Karl will continue to research various ways to capture this information for his report on makeup mirror lighting.

7 New business

None.

8 Other business

None.

9 Schedule for future meetings

As of 10 January 2013, none is scheduled.

Next meeting in July. Public review will not time-out until after the USITT Conference. Jerry Gorrell will contact Frances to ask for the meeting time.

10 Adjournment

Mike Wood moved that we adjourn. Motion was seconded and approved by a unanimous show of hands. Declared adjourned at 14:44.

Membership and Contact Information as of 21 February 2013

Name	Company	Representing	Voting Status	Int. Cat.
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
Mosè Benaglia	Clay Paky S.P.A.	Clay Paky S.P.A.	O	MP
David Bertenshaw	David Bertenshaw	David Bertenshaw	O	G
Lee J. Bloch	Bloch Design Group, Inc.	Bloch Design Group, Inc.	O	U
Ron Bonner	PLASA Technical Resources Office	PLASA EU	P	G
André Broucke	André Broucke	André Broucke	O	G
Kimberly Corbett	Schuler Shook	Schuler Shook	A	DE
Jeremy Day	Philips Color Kinetics	Royal Philips Electronics	O	MP
Bill Ellis	Candela Controls, Inc.	Candela Controls, Inc.	O	U
Gregg Esakoff	ETC West	Electronic Theatre Controls, Inc.	O	MP
Ryan Fletcher	ARRI Inc. (Calif.)	Arnold & Richter Cine Technik	P	MP
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Charles H. Green	Charles H. Green	Charles H. Green	O	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	O	U
Mitch Hefter	Mitch Hefter	Mitch Hefter	O	G
A C Hickox	Domingo Gonzalez Associates	Domingo Gonzalez Associates	O	U
Ed Hyatt	Boston Illumination Group, Inc.	Boston Illumination Group	O	CP
Joseph M. Good_III	Spectrum Professional Services	Spectrum Professional Services	O	G
Dennis Thykjær Jørgensen	Martin Professional A/S	Martin Professional A/S	O	MP
Francois Juliat	Robert Juliat	Robert Juliat	O	MP
Hiroshi Kita	Marumo Electric Co., Ltd.	Marumo Electric Co., Ltd.	O	MP
Bill Klages	New Klages Inc.	New Klages Inc.	O	U
Jefferey Knox	Schuler Shook	Schuler Shook	P	DE
Michael Lay	Philips Color Kinetics	Royal Philips Electronics	P	MP
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	O	CP

Name	Company	Representing	Voting Status	Int. Cat.
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	O	DR
Doug MacDonald	Designlab Chicago	Designlab Chicago Inc.	O	DR
Jim McHugh	Humboldt State University/IES	Humboldt State University	O	U
Mark Ravenhill	GLP German Light Products Inc.	GLP German Light Products GmbH	P	MP
Karl G. Ruling	Unit 12 Productions	Unit 12 Productions	I	DE
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	O	MP
Ron Rykowski	Radiant Imaging, Inc.	Radiant Imaging, Inc.	O	G
Markus Salm	GLP German Light Products GmbH	GLP German Light Products GmbH	A	MP
Robert Timmerman	Philips Color Kinetics	Royal Philips Electronics	O	MP
Ken Vannice	Leviton Manufacturing Co., Inc.	Leviton Manufacturing Co., Inc.	P	MP
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Garrett Young	Prism Projection, Inc.	Prism Projection, Inc.	O	MP

Voting Status	Interest Category
P Principal voting member	CP Custom-market Producer
A Alternate voting member	MP Mass-market Producer
I Individual voting member	DE DEsigner
O Observer non-voting member	DR Dealer/Rental company
	U User
	G General interest