

Minutes
Photometrics Working Group
Monday 30 January 2012
Marriott Solana
Westlake, Texas

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

Recording secretary: Karl G. Ruling; PLASA

Members attending:

Ron Bonner; PLASA Technical Resources Office (PLASA EU); P; G
Michael Lay; Philips Color Kinetics (Royal Philips Electronics); A; MP
Jefferey Knox; Schuler Shook; P; DE
Martin Moore; O; DE
Karl G. Ruling; Unit 12 Productions; I; DE
Ken Vannice; Leviton Manufacturing Co., Inc.; P; MP

Visitors:

Alan M. Rowe; IATSE 728

1 Opening Remarks

Jerry Gorrell called the meeting to order at 14:04.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

A hot-pink sign-in sheet was circulated while those present introduced themselves.

2.2 Determination of quorum

Gorrell announced that six voters were present, which was enough to pass a motion requiring a supermajority.

2.3 Recognition of alternate voting members

Michael Lay was recognized.

2.4 Requirements for membership

Jerry Gorrell reminded the assembly that working group membership is open to all who are materially affected by the work of the group, but that 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

Pending applications:

- Mitch Hefter; representing Mitch hefter; observer; general interest

Hefter had requested that his employer be removed as his company affiliation. It is not funding his meeting attendance. Hefter is an observer member, so employment affiliation does not affect the voting body.

Ken Vannice moved that Hefter's request be granted. The motion was seconded and then approved with 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
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
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 2011 meeting

See *PHmin10-2011.pdf*.

Ron Bonner moved that the draft minutes be approved as written. The motion was seconded and then approved with a show of hands

4 PLASA declarations

4.1 Call for patents

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

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 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."

Karl Ruling, the Technical Standards Manager, held up some of the easy to read pamphlets to show their immediate availability.

No restraint of trade issues were reported.

5 Approval of agenda

Ken Vannice moved that the 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

Any action needed?

Michael Lay moved that the standard be reaffirmed. The motion was seconded and then endorsed with a show of hands. The formal reaffirmation vote will be by letter ballot, with a concurrent public review.

6.2 BSR E1.25-201x, Recommended Basic Conditions For Measuring The Photometric Output Of Stage And Studio Luminaires By Measuring Illumination Levels Produced On A Planar Surface

Consideration of public review comments and next step. See E1-25_201X_Resols.pdf and BSR_E1-25-201x.pdf.

Michael Lay moved that the draft public review comment resolutions be approved. The motion was seconded. The motion was approved with a show of hands, with five voting Yes and the chairman abstaining.

Mike Lay moved that the revised E1.25 be approved. The motion was seconded. The question will be decided by letter ballot.

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

Any action needed?

Michael Lay moved that the standard be reaffirmed. The motion was seconded and then endorsed with a show of hands. The formal reaffirmation vote will be by letter ballot, with a concurrent public review.

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?

Michael Lay moved that the standard be reaffirmed. The motion was seconded and then endorsed with a show of hands. The formal reaffirmation vote will be by letter ballot, with a concurrent public review.

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

Progress toward ANSI approval.

Karl Ruling reported that the BSR 9 form had been filed with ANSI and he was waiting for a response. It usually takes two weeks, unless there is a problem.

6.6 Makeup mirror lighting

Progress report.

Karl Ruling reported nothing accomplished so far.

The issue was discussed again. Source size? Color rendering? Color temperature? Appropriate retrofits for incandescent lamps are the main issue, not new installations.

Ruling said he will continue to work on the issue.

7 New business

None.

8 Other business

None.

9 Schedule for future meetings

None are scheduled.

The possibility of having a meeting at the USITT conference was discussed. It was considered possible, but not likely. We will have an LDI meeting. Public review comments could be dealt with at a meeting in New York in July or by teleconference.

10 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 14:45.

Working Group Members and Contact Information as of 29 February 2012

Name	Company	Representing	Voting status	Int. cat.
Robert Barbagallo	Solotech Inc.	Solotech Inc.	O	DR
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
Larry Busch	ADB Lighting Technologies	ADB Lighting Technologies	O	MP
Kimberly Corbett	Schuler Shook	Schuler Shook	A	DE
James Eade	PLASA	PLASA	O	G
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	A	MP
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	O	CP
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	O	DR

Name	Company	Representing	Voting status	Int. cat.
John Luk	Altman Stage Lighting	Altman Stage Lighting	O	MP
Doug MacDonald	Designlab Chicago	Designlab Chicago Inc.	O	DR
Jim McHugh	Humboldt State University/IES	Humboldt State University	O	U
Martin Moore	Martin Moore	Martin Moore	O	DE
Afsan Quazi	Lighting & Electronics, Inc.	Lighting & Electronics, Inc.	O	G
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
Ken Vannice	Leviton Manufacturing Co., Inc.	Leviton Manufacturing Co., Inc.	P	MP
Francesc Rodelles Vinyoles	Institut del Teatre	Institut del Teatre	O	D
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Chris Wyatt	Philips Entertainment	Royal Philips Electronics	P	MP
Garrett Young	Prism Projection, Inc.	Prism Projection, Inc.	O	MP

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
DE designer