

Minutes
Photometrics Working Group
Friday, 24 July 2015
Marriott Solana
Westlake, TX

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

Recording secretaries:

Erin Grabe; PLASA
Karl G. Ruling; PLASA

Members attending:

Mitch Hefter; Philips Lighting; A; MP
Jefferey Knox; Schuler Shook; P; DE
Michael Lay; Philips Color Kinetics; P; MP
Wendy Luedtke; Rosco Laboratories; P; MP
Karl G. Ruling; Unit 12 Productions; I; DE
Ken Vannice; Ken Vannice LLC; I; G
Mike Wagner; ARRI Inc. (Calif.); P; MP
Mike Wood; Mike Wood Consulting LLC; P; G

1 Opening Remarks

The meeting was called to order by Jerry Gorrell at 14:07.

2 Attendance and membership

2.1 Introductions of those present and taking attendance

A bright yellow sign-in sheet was circulated. While those in the room and on-line introduced themselves.

2.2 Determination of quorum

There are currently 10 votes possible. A quorum is 4. A supermajority is 6. Jerry Gorrell noted that with eight voters present, it was possible to pass any motion needing a supermajority vote.

2.3 Recognition of alternate voting members

It was noted that both Mitch Hefter and Michael Lay were present representing Philips. Only one could vote on a question at a time; Philips does not have two votes.

2.4 Requirements for membership

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

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 due to lack of attendance

None.

2.6 Processing of new membership requests

Michael Davis of Mole Richardson applied for Observer status in the Designer interest category.

Mike Wood moved that his application be accepted. The motion was seconded and then approved with a unanimous voice vote.

2.7 Consensus body

The full consensus body for the working group during the period of this meeting, including those not present, was:

Delegate	Representing	Voting status	Int. cat.
Mike Wagner	Arnold & Richter Cine Technik	P	MP
Larry Schoeneman	DesignLab Chicago, Inc.	P	DR
Mark Ravenhill	GLP German Light Products GmbH	P	MP
Markus Salm	GLP German Light Products GmbH	A	MP
Ken Vannice	Ken Vannice LLC	I	G
Mike Wood	Mike Wood Consulting LLC	P	G
Wendy Luedtke	Rosco Laboratories	P	MP
Mitch Hefter	Royal Philips	A	MP
Michael Lay	Royal Philips	P	MP
Jefferey Knox	Schuler Shook	P	DE
Kimberly Corbett Oates	Schuler Shook	A	DE
Jerry Gorrell	Theatre Safety Programs	P	U
Karl G. Ruling	Unit 12 Productions	I	DE
	Total votes possible	10	
	Subtotals by interest category	0	CP
		2	DE
		1	DR
		2	G
		4	MP
		1	U

3 Approval of the minutes from the March 2015 meeting

See *PHmin03-2015.pdf*.

Mike Wood moved that the minutes be accepted as written. The motion was seconded and then approved with a unanimous voice vote..

4 PLASA declarations

4.1 Call for patents

The following statement was read aloud to the working group 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 revealed.

4.2 Reading of the Anti-trust statement

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

PLASA and its members take seriously their obligation to comply with all applicable antitrust laws. Therefore, during this meeting and during all PLASA events, all discussions will be limited to those subjects that are permitted by the antitrust laws. All members should refrain from any discussion or mention of competitively sensitive subjects such as the current or future prices charged for any member product or services, current or future marketing plans or strategies, and current or future costs, including employee salaries. There also must be no agreement on the suppliers or customers that members will do business with or the markets in which members will conduct business.

Violations of the antitrust laws can have serious consequences. If you have any questions or concerns about anything that is discussed at a PLASA meeting, please bring your concern to PLASA management. An easy to read pamphlet describing the antitrust laws is available from the PLASA staff.

No anti-trust concerns were brought to the attention of the assembly or PLASA staff.

5 Approval of agenda

Ken Vannice moved that we approve the agenda. The motion was seconded and then approved with a unanimous voice vote.

6 Old Business

6.1 ANSI E1.9 - 2007 (R2012), Reporting Photometric Performance Data for Luminaires Used in Entertainment Lighting (Revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

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 (Revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

6.3 ANSI E1.35 - 2013, Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (Revision, reaffirmation, or withdrawal by 2018)

No news or action at this time.

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 (Revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

6.5 ANSI E1.41 - 2012, Recommendations for Measuring and Reporting Photometric Performance Data for Entertainment Luminaires Utilizing Solid State Light Sources (Revision, reaffirmation, or withdrawal by 2017)

No news or action at this time.

6.6 ANSI E1.48-2014, A Recommended Luminous Efficiency Function for Stage and Studio Luminaire Photometry (Revision, reaffirmation, or withdrawal by 2019)

No news or action at this time.

6.7 ANSI E1.54-2015, PLASA Color Standard

It's published! Mike Wood said that he has been contacted by people saying that they will implement it. ETC is using it now.

6.8 BSR E1.55, Makeup Mirror Lighting

Public review ended 22 June 2015. One person commented. See the comment summary and proposed comment resolutions: E1-55_ScndRevw_CmmntSmmry.pdf, E1-55_ScndRevw_ResolsSmmry.pdf, and BSR_E1-55-201x_r6.pdf. The proposed resolutions make no substantive changes to the draft standard.

Jeffrey Knox moved that the draft resolutions be accepted. The motion was seconded. The motion was approved unanimously by voice votes of those in the room, and chat notes from those on-line. That was 8 Yes votes out of a voting body of 10: 2 DE, 2 G, 3 MP, and 1 U.

Karl Ruling moved that the draft BSR E1.55 (BSR_E1-55-201x_r6.pdf) be accepted as an American National Standard. The motion was seconded. There was a brief discussion of the need for the standard, the source of the request to develop the standard. The question will be decided by letter ballot.

7 New business

None.

8 Other business

8.1 Above & Beyond Awards

The nomination site is open year round at tsp.plasa.org/AboveandBeyond.

8.2 Other other business

None.

9 Schedule for future meetings

The next working group meeting is scheduled for Saturday, 24 October from 8:00 to 10:00 in the morning at the Westgate Las Vegas Casino and Resort. However, the consensus was that the working group will not need this meeting unless the motion to accept BSR E1.55 as an ANS receives negative votes or the commenter from the last public review rejects the comment resolutions. We will cancel the meeting or not after the ballot closes and the deadline for objecting to the comment resolutions is past.

Jerry Gorrell announced that the USITT meetings will be in Salt Lake City in March. The consensus was that this should be our next meeting. We will move to a once-a-year annual meeting cycle, unless we develop new projects that would make more frequent meetings necessary.

Jerry Gorrell noted that the 2016 summer meetings will be at the Roosevelt Hotel in New York City. They will be in conjunction with NATAEC, the North American Theatre Engineering Architecture Conference.

10 Adjournment

Mike Wood moved that the meeting adjourn. The motion was seconded. Hearing no objections, Jerry Gorrell declared the meeting adjourned at 14:32.

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	O	G
André Broucke	André Broucke	André Broucke	O	G
Michael G. Davis	Mole-Richardson Co.	Mole-Richardson Co.	O	DE
Bill Ellis	Candela Controls, Inc.	Candela Controls, Inc.	O	U
Gregg Esakoff	ETC West	Electronic Theatre Controls, Inc.	O	MP
Joseph M. Good_III	Spectrum Professional Services	Spectrum Professional Services	O	G
Jerry Gorrell	Theatre Safety Programs	Theatre Safety Programs	P	U
Erin Grabe	PLASA NA	PLASA NA	exf	G
Charles H. Green	Charles H. Green	Charles H. Green	O	U
Tim Hansen	Oasis Stage Werks	Oasis Stage Werks	O	U
Mitch Hefter	Philips Lighting	Royal Philips	A	MP
A C Hickox	Domingo Gonzalez Associates	Domingo Gonzalez Associates	O	U
Ed Hyatt	Boston Illumination Group, Inc.	Boston Illumination Group	O	CP
Frank Kjær Jensen	Martin Professional ApS	Harman International Industries	O	MP
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
Phil Klapwyk	IATSE Local 891	IATSE Local 891	O	U
Jefferey Knox	Schuler Shook	Schuler Shook	P	DE
Michael Lay	Philips Color Kinetics	Royal Philips	P	MP

Name	Company	Representing	Voting status	Int. cat.
Larry Lieberman	Vision Quest Lighting	Vision Quest Lighting	O	CP
Rick Loudenburg	Barbizon Light (Denver)	Barbizon Companies	O	DR
Wendy Luedtke	Rosco Laboratories	Rosco Laboratories	P	MP
Doug MacDonald	Designlab Chicago	Designlab Chicago Inc.	O	DR
Jim McHugh	Humboldt State University/IES	Humboldt State University	O	U
Kimberly Corbett Oates	Schuler Shook	Schuler Shook	A	DE
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
Karl G. Ruling	PLASA NA	PLASA NA	exf	G
John T. Ryan	Altman Stage Lighting	Altman Stage Lighting	O	MP
Markus Salm	GLP German Light Products GmbH	GLP German Light Products GmbH	A	MP
Larry Schoeneman	DesignLab Chicago, Inc.	DesignLab Chicago, Inc.	P	DR
Ford Sellers	Chauvet Lighting	Chauvet Lighting	O	MP
Keith Sklar	Actors' Equity Association	Actors' Equity Association	O	G
Ben Sweet-Block	Philips Color Kinetics	Royal Philips	O	MP
Robert Timmerman	Philips Color Kinetics	Royal Philips	O	MP
Ken Vannice	Ken Vannice LLC	Ken Vannice LLC	I	G
Mike Wagner	ARRI Inc. (Calif.)	Arnold & Richter Cine Technik	P	MP
Mike Wood	Mike Wood Consulting LLC	Mike Wood Consulting LLC	P	G
Garrett Young	Prism Projection, Inc.	Prism Projection, Inc.	O	MP

Keys to the Codes:**Interest category**

CP Custom-market Producer

DE DDesigner

Voting status

P Principal

A Alternate

DR Dealer or Rental company
G General interest
MP Mass-market Producer
U User

I Individual
O Observer