

**Minutes**  
**Photometrics Working Group**  
Pittsburgh, PA  
March 22, 1997

Chairs: Daniel K. Haydt, Remote Source Lighting International  
Tom Pincu, Moodie, Pincu & Associates, Inc.

Recording secretary: Karl G. Ruling

In attendance: David E. Anderson, Strand Lighting Ltd.  
Ed Hyatt, Boston Illumination Group  
Glen Cunningham, Lighting & Electronics, Inc.  
Gregg Esakoff, ETC (West)  
Jerry Gorrell, Theatre Safety Programs  
Jim Grosh, Jim Grosh Associates  
Jim McHugh, Humboldt State University/IES  
Joseph M. Good, III, Spectrum Professional Services  
Ken Vannice, NSI Corporation  
Larry Lieberman, Vision Quest Lighting  
Martin Moore, Martin Moore  
Milton Davis, Strand Lighting  
Mitch Hefter, Rosco/ET  
Richard Loudenburg, Barbizon Rockies  
Thomas Tyler, Altman Stage Lighting  
Tim Hansen, Oasis Stage Werks  
Tony Douglas-Beveridge, PLASA

1 Opening Remarks

The meeting was called to order by Tom Pincu at 1:15 PM

2 Attendance and membership

2.1. Introductions of those present

The group did self-introductions

2.2. Requirements for membership

2.3. Processing of new membership requests

Martin Moore, individual

David Anderson, principal for Strand Lighting

Milton Davis, alternate for Strand Lighting

Lieberman moved, Cunningham seconded admitting all the applicants to the group. Unanimous.

3 Approval of the minutes from the previous meeting

Good moved, Gorrell seconded approval of the minutes as written. Unanimous.

4 The call for patents was read by Haydt:

"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 that might protect material in a standard being developed by the working group. You need not be the holder of the patent in order to notify the working group of its existence."

The anti-trust statement was also read by Haydt:

"The ESTA Board of Directors, the Technical Standards Committee, and the leadership of this working group will reject or nullify any actions that restrain trade. Anyone who feels that an action restraining trade is being or has been taken is requested to bring the 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 any member of this working group may be found individually liable for any action that restrains trade taken by this working group. An individual convicted of a violation of the Sherman Act may be fined as much as \$100,000 and be imprisoned for up to three years. An easy to read pamphlet describing restraint of trade is available from the Technical Standards Committee."

Cunningham asked if requiring a specific distribution curve on a spec sheet could be considered a restraint of trade, since some manufacturers' products may not be designed to perform as well as others when adjusted for that distribution. Ruling responded that this would not be likely to be considered as a restraint of trade if the group could document that this an objective and valid performance requirement. It could possibly be considered a restraint of trade if the requirement were made capriciously, and would definitely be considered a restraint of trade if it were specified to deliberately hurt a particular manufacturer in the market.

## 5 Approval of agenda

McHugh moved, Hansen seconded accepting the agenda. Unanimous.

## 6 Task group reports

### 6.1 Nutrition Label task group: Larry Lieberman (head), Gregg Esakoff, Tom Tyler, Glen Cunningham, Danny Haydt, Rick Loudenburg

Lieberman and Haydt reported that conference calls are an excellent way to get task group work done at low cost. L&E and Altman Stage Lighting have paid for the two conference calls the group has done, which generally run about \$250 for a six-way call for an hour.

The group did a series of interviews with users, and plans to do another series.

The task group will submit a written report to the working group within two months.

The task group will work on a system of categories for lighting instruments that is based on the qualities of the light or the instruments' uses, rather than the conventional names. For example, ellipsoidal reflector spots and profile spots with condenser optics serve similar purposes on stage, and might be classified together, although the instruments have different optical systems and different names.

6.2 Explanation of IES photometric procedure as it exists: Bill Klages (head), Anne Valentino

Valentino and Klages were absent, but Pincu presented a draft of the start of an article written by Klages. The working group was instructed to respond in writing to Klages about his piece by April 30.

Ruling was instructed to circulate Klages's January memo to the working group.

Ron Rykowski had been listed in previous minutes as belonging to this task group. At his request via e-mail and via Gregg Esakoff, he has been moved to the "Fix the IES Procedure" task group.

6.3 Fix IES procedures: Lee Bloch (head), Jody Good, Jim Grosh, Gregg Esakoff, Ron Rykowski

Good reported that he is sending some luminaires to be tested per the 1958 "Recommended Practice for Reporting Photometric Performance of Incandescent Filament Lighting Units Used in Theatre and Television Production" by a reputable lab. The report data will be sent to the instrument manufacturers by June 1. The intent of this exercise is to validate the standard, to see if it generates data that seems to adequately describe the performance of the instruments.

7 Other business  
None

8 Schedule for future meetings

The next cycle of meetings will be at LDI. The group will have no meetings at Irving, TX in June. The LDI meetings will include task group as well as working group meetings.

9 Adjournment

Good moved to adjourn. Adjourned at 3:29 PM