

**Minutes**  
**Photometrics Working Group**  
July 11, 1998  
Clarion International at O'Hare Airport

Acting Chair: Larry Lieberman, Vision Quest Lighting, Principal

Recording secretary: Karl G. Ruling, ESTA

Members in attendance: Thomas Tyler, Altman Stage Lighting, Principal  
Lee J. Bloch, Bloch Design Group, Principal  
Martin Moore, c/o Unusual Engineering Ltd., Individual  
Francesco Romagnoli, Clay Paky S.P.A., Alternate (joined at this meeting)  
Jim Grosh, Jim Grosh Associates, Principal  
Ken Vannice, NSI Corporation, Principal  
Tony Douglas-Beveridge, PLASA, , Principal  
Bill Ellis, PRG/Vanco Lighting Services, Principal (joined at this meeting)  
Mitch Heffer, Rosco/Entertainment Technology, Principal  
David E. Anderson, Strand Lighting Ltd., Principal  
Jerry Gorrell, Theatre Safety Programs, Principal

## 1 Opening Remarks

Karl Ruling asked for a volunteer to chair the meeting. Tom Tyler nominated Larry Lieberman, who consented.

Larry Lieberman called the meeting to order at 1:13 PM

## 2 Attendance and membership

### 2.1 Introductions of those present

Those present introduced themselves going around the table in a clockwise direction from the left of Karl Ruling.

### 2.2 Determination of quorum (7 needed)

There were eleven voting members present, so Larry Lieberman announced that we had a quorum.

### 2.3 Recognition of alternate voting members

There were none at the start of the meeting.

### 2.4 Requirements for membership

Ruling reviewed the requirements for membership, which are to have a material interest in the work of the group. Ruling said that the hotel caterers would not be allowed to join.

### 2.5 Processing of new membership requests

Lee Block and Ken Vannice moved and seconded accepting Bill Ellis as representative for PRG/Vanco  
Unanimous by show of hands.

Ken Vannice moved and Jim Grosh seconded accepting Angelo Cavenati and Francesco Romagnoli as the principal and alternate representatives respectively for Clay Paky. Unanimous by show of hands.

### 3 Approval of the minutes from the previous meeting

Mitch Hefter moved that the draft minutes be seconded. Jim Grosh and Tom Tyler tied in vying to be the first to cry "Second!" Unanimous by show of hands.

### 4 Call for patents

Larry Lieberman directed the attention of the working group members present to the following statements:

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

and Anti-Trust Statement

"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."

No protected intellectual property of possible anti-trust actions were declared.

### 5 Approval of agenda

Lee Bloch moved that the draft agenda be accepted as written. David Anderson seconded. Unanimous by show of hands.

### 6 Task group reports

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

#### 6.1.1 Discussion of latest version

Tom Tyler described what was done in document Photo/97-5010r3. The working group then effectively went into task group mode, and the following changes were made:

- < A definition of throw multiplier was added to the definitions section.
- < A cartesian coordinate system was adopted for the isolux diagrams. The definition of isolux line, and section 3.2.1 were changed accordingly.
- < The diagram in the definitions section was changed to show cutoff at 3%, not "0 - 5%."

- < The requirement was added that data sheets conforming to this standard shall state this conformance. (Section 3.1.9)
- < The isolux diagram shall state the formula:  
 $(distance\ from\ origin) = (throw) \times (throw\ multiplier)$

#### 6.1.2 Consideration of public review

Lee Bloch moved that the draft standard, as amended at this meeting, shall be sent to public review. Tom Tyler seconded the motion. The vote will be by letter ballot, as soon as the changes can be made to the draft document so all can get a clean copy.

#### 6.2 Explanation of photometric procedures: Bill Klages (head), Anne Valentino

Bill Klages and Anne Valentino were not present. Tabled until the next meeting.

#### 6.3 IES testing RP or standard: Lee Bloch (head), Jody Good, Jim Grosh, Gregg Esakoff, Ron Rykowski

Lee Bloch reported: Don Smith has four members of the testing procedures subcommittee. He would like to have more people who use luminaires in film and television studios involved. The subcommittee is looking at CCD and goniometer methods.

#### 7 Other business

None.

#### 8 Schedule for future meetings

The next meeting will be at LDI in November, on Friday the 13th, from 3:00 to 7:00 p.m.

#### 9 Adjournment

Jim Grosh moved we adjourn. Jerry Gorrell seconded. There were no objections. Larry Lieberman declared the meeting adjourned at 4:15 p.m.