CFL Color: Hitting the Bull’s Eye

Presentation Prepared FOR

Ron Lewis, LC
U.S. Department of Energy
April 27, 2004
I wasn’t really comfortable with that theme.
CFL Color: Not Everyone Appreciates The Beauty Of Lava Lamps

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Ron Lewis, LC
U.S. Department of Energy
April 27, 2004
Beauty Of Lava Lamps
ENERGY STAR CFL Program

Color

Pieces of the CFL Picture That Must Fit Together

- Color Rendering
- Color Appearance

- Consumer Preference
- Lamp2Lamp Consistency
- Color Maintenance?
- Relationship to Efficacy
ENERGY STAR CFL Program

Color

Other Challenges

- Color of CFLs vs Color of Money (costs)
- Communicating Color To Consumers
- Transformation From Incandescent Equivalence To Complimentary Color Choices
Version 3 Criteria Letter
10/30/03

Quote – Topics or Issues
Future Version

Correlated Color Temperature (CCT)

DOE will work with partners and researchers to identify or develop a method for improving CFL lamp color consistency and quality.
The goals of the meeting were to:

(1) hear your perspective on color issues associated with consumer acceptance of CFLs

(2) present the findings on a recent focus group conducted by the LRC to better understand consumer acceptance of CFLs

(3) get your input on a “strawperson” developed by the LRC to help address the issues related to color consistency of CFLs
Summary of Meeting
Agenda & Discussions

By

Conan O’Rourke
Technical Director
The Lighting Research Center
Response & Proposal
From Lamp Manufacturers

By

Peter Bleasby
Director of Industry Relations and Standards
Osram Sylvania
Response To The Response

By

Conan O’Rourke
Technical Director
The Lighting Research Center

Actually A Perspective On CFL CCT Tolerances
Your Response To The Responses

By

You
Other Color Issues Resolved

Crayola Decided
What Colors
To Put
Into The Box
Other Color Issues Resolved

PANTONE

Communicates Lots Of Colors

architecture + interiors
new products
show all >
cotton products
show all >
paper products
show all >
color forecasting
View Colour Planner - Single Edition
color books
show all >
color technology
show all >
promotions
color matching made easy
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show all >
success stories
show all >
trends
show all >

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