



Meeting Minutes

DLC Industry Advisory Committee Meeting Q1

February 23, 2017, 9:30am-3:30pm Eastern Standard Time

1. General Remarks

DLC is now officially an independent 501(c)3 organization under the name Efficiency Forward, Inc.

2. Program Updates

Surveillance Testing

The DLC's final Surveillance Testing Policy was published in December 2016. The program uses a "targeted random sampling" approach to select products for testing. The committee discussed taking tolerances into account during surveillance testing and the appeals process for challenging a failed test.

Color Tuning

A DLC proposal has been released for linear color tuning and selectable color tuning. Further work in order to address the majority of products in the market and under development is anticipated before a final policy can be released. The committee discussed the possibility of addressing dynamic color tuning products, and the role of the DLC in setting specifications that define quality rather than address efficacy.

DC/PoE

The DLC's proposed approach to addressing DC/PoE systems looks at the efficacy of the luminaire and adjusts for line losses, etc. in the power system. The DLC will put out another draft of the proposal for stakeholder comment before finalizing any policies.

Networked Lighting Controls Technical Requirements V2.0

The DLC will launch the Lighting Controls V2.0 Technical Requirements on June 1, 2017. Comments on the requirements will be reviewed and discussed at the DLC

Controls Summit in March. Key proposed changes to the requirements include expanding the requirements to address exterior lighting, requiring energy monitoring capability, requiring scheduling, and requiring distributed intelligence architecture.

3. Meeting Structure

The DLC will post IAC meeting agendas and meeting summaries publicly on our website.

4. Technical Roadmap

The DLC has made the policy development wish list public on our website. This wish list is prioritized yearly with input from utility Members. Energy Solutions has been engaged to help the DLC map out policy priorities going forward.

The committee participated in an exercise to prioritize technical topics under the following categories:

- New Category or Product Additions
- Quality Performance Features
- Product Variability Trend
- Testing and Listing Policies
- Research Topics

The committee discussed the DLC QPL's role as a product selection tool versus an indicator of efficacy, and how the DLC can work in tandem with standard setting organizations. The committee also discussed the DLC's role in supporting Member utilities and helping them navigate the lighting industry.

The IAC provided an industry perspective on how the DLC should address the following topics: flicker, serviceable luminaires, field adjustable products, system-level variability, performance/verification testing, glare, multi-vendor control systems, energy monitoring, color tuning, color quality, DC/PoE, horticultural lighting, LED variation, and data management.

5. Operational Plan

A significant number of products on the QPL will be delisted in the transition to Technical Requirements V4.0 on April 1, 2017. Technical Requirements V4.2 will be released in the months following the delisting. The Networked Lighting Controls V2.0 Technical Requirements will be released on June 1. The DLC is also developing new application management system, which will be released in 2017.

The committee discussed standardizing timelines for QPL efficacy requirement increases in order to better align with industry production cycles. The role of the DLC requirements in developing countries was also discussed.