



DLC Industry Advisory Committee Meeting Q3 2024

Thursday, October 17, 2024

In-Person, Milwaukee WI

8:30am - 2:00pm Central time

Tina Halfpenny welcomed everyone, reviewed the agenda.

Updates & Summit Feedback (around the room)

- Broader participation at the Summit, including first-time attendees, showed increased visibility.
- More participation needed from integrators and non-lighting stakeholders.

Utility Program Design:

- Programs are seen as complex, prefer prescriptive or midstream incentives over custom solutions.
- Focus currently on short-term gains with less consideration for non-energy benefits.
- Utilities' decisions are shaped by requirements (e.g., TRM) that manufacturers are not aware of.
- Interoperability needs clearer focus on essential data for system functionality, not just protocols.
- Simplifying regulatory language could enhance engagement.
- Collaboration with regulators and industry associations could address systemic challenges.

Technology Integration & Market Activation:

- Challenges with system integration are more about activation and market adoption rather than technology itself.
- Lack of training and knowledge gaps hinder sophisticated implementation. Manufacturers could better connect with efficiency programs for training and education.
- The industry needs simpler, user-friendly solutions for wider adoption, particularly in small-to-medium buildings.
- DLC could guide the inclusion of controls and integration into programs, like their retrofit initiatives.
- Highly sophisticated buildings/customers seem to get the most attention, rather than simpler needs of broader markets. A focus on simple, quick-to-implement options could improve engagement.
- Declining building occupancy limits the financial viability of controls.
- Room-level integration and default settings should address 90% of market needs without requiring advanced expertise.
- Insights from horticultural controls, highlight the potential of controls to optimize processes rather than just energy savings.
- Bird collision data and other niche insights could appeal to sophisticated customers.



Member Program Updates

- Some misunderstanding about Lighting-Integrated Lighting Controls (LLLC), based on assumptions that they require networking.
- Manufacturers provide training, but not being fully utilized. Objectivity of training is complicated due to differences between systems and ability to offer multiple system training. Smaller, focused events with manufacturer reps were suggested.
- Simplified, actionable model programs are needed to demonstrate best practice.
- Incentives for some programs moving to controls but no longer allowing fixtures due to upcoming fluorescent bans and market saturation. Communication strategies for customers are needed.

Operations Updates:

- Positive reception of upcoming tool to identify worst-case for product submissions.
- ENERGY STAR Calculator being removed. IAC prefers Excel file rather than online versions for ANSI/IES TM-21 calculator.

Horticultural Updates:

- Hort V4 draft 1 will be published in early November
- V4.0 products accepted mid-2025, with delisting at the end of 2025.

SSL Next Gen V6.0:

- Reviewed V6.0 timeline with efficacy requirements
 - Concerns about impact on manufacturer R&D timelines and tradeoffs for efficacy.
- Interest in aligning standards with market needs and improving user experience for QPLs.
- Fluorescent bans and standards are changing baselines. Efficacy increases needed to capture more savings
- Noted that testing constraints can delay product launches
- Discussed potential additional value for premium product requirements
 - Suggestion to make onboard controls/NLC a requirement for premium products

LUNA:

- Challenges with field-adjustable color temperature (CCT) products falling outside of LUNA requirements
 - Possible solution of factory or installation-level locking at 3000K or lower.
 - Suggestion to make LUNA qualified setting the default

NLC 2025 Updates:

- Standardized Technical Resource Manuals (TRMs) measures identified as a priority.
- July summit proposed for NLC-HVAC integration.
- Significant potential for enabling integration for small buildings without BACnet systems
- Simplifying fixture-control compatibility listings would help.
- DLC working to incorporate integrators and consulting engineers into working group
- Need HVAC input to coordinate with utilities and lighting industry
- Connections with digital t-stats has potential for small buildings



In-Person Meetings and Future Planning:

- LightFair presents opportunity for individual meetings.
- Engagement with ESCO and HVAC associations recommended for future discussions.

2025 IAC Committee Composition:

- Suggestions to include ESCOs, Hort controls manufacturers

Next Steps:

- Next meeting scheduled for December 12th via Zoom.

Tina thanked everyone and concluded the meeting.