Agenda

• Background/objective of Specification Revision
  – Purpose of DLC
  – Development Process and Stakeholder Input Process
  – Motivations for Specification Revision

• Implementation timeline

• Updates to listed products

• Questions
DesignLights Consortium™ SSL QPL

- A program for the qualification of commercial, industrial, and outdoor SSL luminaires
- Begun in 2009 by NEEP, at the request of a group of utilities, to cover applications of lighting not covered by ENERGY STAR®
- Recognizing the critical relationship between energy efficiency incentive programs and adoption of new technologies, the DLC QPL is driven by efficiency programs to serve their customers and achieve their energy savings goals
- **Goal**: to drive quality and energy savings without inhibiting innovation in the industry
- **Goal**: to support the needs of member efficiency programs in achieving savings in their C&I lighting programs
General DLC Development Process

DLC aggregates requests/suggestions for development
- “Wish lists”
- Spec Development (new Primary Uses)
- Spec Revision (new performance thresholds)
- Policy Development/Revision

Prioritize wish lists periodically
- Active review with DLC Technical Committee (TC)
- Surveys of entire DLC membership

Prioritized tasks undertaken for development
- Any new Spec Development or program change goes through Stakeholder Input Process (SIP)
Specification Revision Process

1. Existing specs and market data are analyzed and impacts of changes evaluated
2. Draft proposals are circulated to TC
3. TC feedback incorporated into draft for industry input via SIP
4. Proposed Spec Revision draft released for comment
5. Stakeholder input received and summarized for discussion with TC
6. Revisions made based on input received from stakeholders and TC
7. Revised Spec released!
V4.0 Direction from DLC Members

• Wanted to significantly revise efficacy levels/push market toward adoption of most efficient products
• Length of time since last major efficacy revision was a concern
• Number of products on the QPL was a concern
  – Are we identifying the best products? All quality products?
  – Product availability: likelihood that many products still represented on the QPL are no longer on the market
• Target goal: push towards 50th percentile for standard, 95th (or higher) percentile for Premium
V4.0 Development Overview

Initial Analysis and Discussion
Jan/Feb

Draft Proposal
February 19

Comment Period Closed
March 25

Commenters Call
April 1

TC Discussion of Comments
April 7

Additional Analysis, Discussions with Stakeholders
April/May

Review of Adjustments to Final V4.0 With TC
May 18

Final V4.0 Requirements Released
June 1
Implementation Timeline

- Finalized V4.0 TRT Announcement: 
  June 1, 2016
- Cutoff for Submission under V3.0/V3.1: 
  August 31, 2016
  - Allows submission of products currently in process
- V4.0 Compliant Products Identified on QPL: 
  January 2017
  - Allows programs to filter/sort/search as needed
- Delisting of products not meeting V4.0: 
  April 1, 2017

New!
Potential Allowances

• Color properties (low CCT, high CRI)
• Architectural Linear Ambient
• “Architectural” or “Non-planar” Troffers
• Decorative/Historical Outdoor
• Specific optical qualities
  – Features to reduce glare, pixilation
• Specifics of Wall-Wash Luminaires (specific distributions to ensure even illuminance)
• Specifics of Case Lighting (small form factors, even luminance, appropriate illumination of merchandise)
Transition of Existing Products

• Products that meet V4.0 requirements based on testing provided with original qualification, as represented by “Measured” performance on the QPL
  – Products that meet V4.0 levels will transition automatically
  – V3.1 Premium products will automatically transition to V4.0 Standard
• Products that do not meet V4.0 levels may be updated during transition period (now-March 2017)
• Update fees consistent with previous transitions
  – Based on testing needed to evaluate compliance
• OEM must update before private labelers
Transition: Single Product Applications

• Submit V4.0 Update Application
  – Application “Name” field should indicate “V4.0 Update Application”
  – Select “Update Application” from Application Type drop-down
Transition: Single Product Applications

• Within “Update Application”:
  – Detailed information about any changes made to the product since initial qualification
  – Completed V4.0 Application Form
  – Copy of downloaded Excel spreadsheet from DLC QPL of products being updated
    • Must include Product ID for all products
  – Test reports necessary to demonstrate compliance with V4.0
    • At minimum, LM-79
    • LM-80/ISTMT, if needed based on product changes
  – Updated spec sheet
  – Newly signed Self-Certification Statement
Transition: Family Grouping Applications

• Submit V4.0 Update Application
  – Application “Name” field should indicate “V4.0 Update Application”
  – Select “Update Application” from Application Type drop-down
Transition: Family Grouping Applications

• Updates due to performance changes:
  – Detailed information about *any* changes made to the product since initial qualification
  – Completed V4.0 Application Form
  – Copy of downloaded Excel spreadsheet from DLC QPL of products being updated
    • Must include Product ID for all products
  – Test reports necessary to demonstrate compliance with V4.0
    • At minimum, LM-79
    • LM-80/ISTMT, if needed based on product changes
  – Updated spec sheet
  – Newly signed Self-Certification Statement
Transition: Family Grouping Applications

• Updates due to re-bracketing:
  – Detailed information that identifies the subset of the family that meets V4.0
  – Completed V4.0 Application Form
  – Copy of downloaded Excel spreadsheet from DLC QPL of products included in Update Application
    • Must include Product ID for all products
  – Testing necessary to demonstrate compliance with V4.0 for new Parents of subset
    • At minimum, LM-79(s)
    • Potential LM-80/ISTMT based on product changes
  – Updated spec sheet
  – Newly signed Self-Certification Statement
Transition: Private Label Applications

• Submit V4.0 Update Application
  – Application “Name” field should indicate “V4.0 Update Application”
  – Select “Update Application” from Application Type drop-down
Transition: Private Label Applications

• OEM must update listing before private labeler
  – Work with OEM to determine when updates to OEM’s products have been completed

• OEM or private labeler can submit update for Private Label Update Application

• Within Update Application
  – Completed Private Label Application Form
  – Copy of downloaded Excel spreadsheet from DLC QPL of products included in Update Application
  – Updated spec sheet
  – Newly signed Self-Certification Statement
Other Resources

Detailed Guidance Document provided with V4.0 release

Specification Revision:

Most Recent Announcement

DLC recently announced final TRT V4.0 on June 1, 2016. See the announcement and items below:

- To view the Cover Letter for the Announcement, please click here.
- To view the Technical Requirements Table V4.0, please click here.
- To view the Guidance Document to aid the transition to V4.0, please click here.
- Webinars were held to aid the transition to V4.0, please click here to view the webinar in English. Click here to view in Mandarin.
Other Resources

- Presentation will be held via webinar on August 18th 1pm EDT
- Monitor DLC news section for updates
Questions?
Thank you!

Jenna Winer
D+R International – DLC Support Team
jwiner@drintl.com
857-496-0007