



CEA Member Spotlight

November 9, 2021



The DLC is a non-profit organization whose mission is to achieve energy optimization by enabling controllability with a focus on quality, people, and the environment.

Energy Efficiency. Climate Impact. Better Lighting.



DLC Members

The DLC is supported and funded by Member energy efficiency programs and regional energy efficiency organizations throughout the U.S. and Canada



DLC Members























































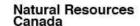






















































Energy

Improve efficiency and integrate lighting into Smart Building technologies, achieving dramatic energy savings



Quality

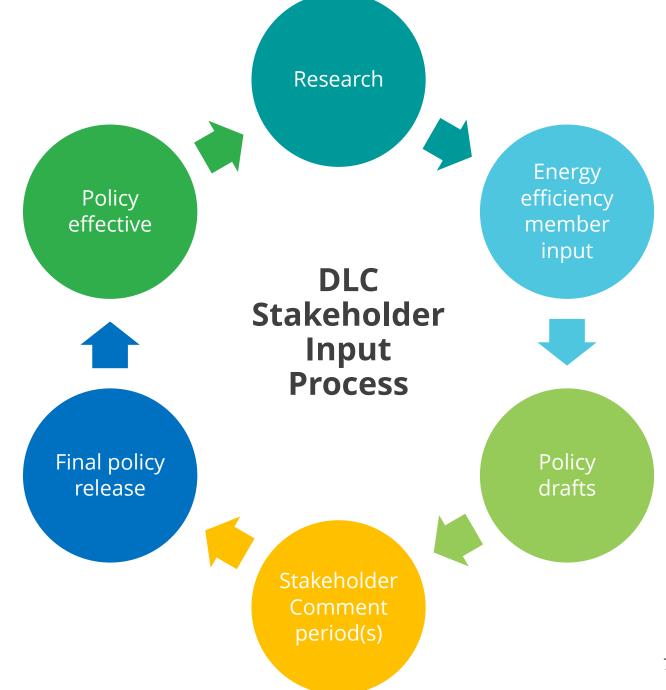
Research, promote, and enable standards for quality to ensure that people are happy with their lighting

Controllability

Enable connectivity of the built environment to optimize quality and energy benefits.



The DLC carefully evaluates every initiative for its impact on industry, environment, and end-users.





SSL Program

Goal:

 Provide high performance, third party tested, DLC verified product options for LED lighting in commercial buildings and environments

Performance Requirements include:

- Efficacy
- Color quality
- Distribution and glare
- Controllability
- Safety & Warranty







70%

increase in average efficacy of qualified SSL products since beginning the program in 2011

FIND PRODUCTS →

85

unique categories of LED lighting qualified by the DLC

ELIGIBLE PRODUCTS →



NLC Program

Goal:

 Widespread adoption of networked lighting controls in commercial buildings, working as a catalyst to grid flexibility and load management

Performance Requirements include:

- Networking capability
- · Continuous dimming
- Occupancy, Daylight, High-end trim
- Cybersecurity







47
DLC qualified energy efficient controls systems available to compare and install

FIND A SYSTEM ->

34
unique lighting
controls
manufacturers
represented on the
NLC QPL

QUALIFY A SYSTEM ->



Hort Program







>54%
increase in listed
fixtures on the Hort
QPL since the start of
2020 – meaning more
product variety and
savings

FIND QUALIFIED PRODUCTS -

\$240
million
total possible annual
energy savings if
horticultural facilities
switch to LED lighting

Goal:

 Widespread adoption of energysaving LED technology in the horticultural lighting sector

Program Requirements include:

- Photosynthetic photon efficacy
- Photon flux maintenance
- Driver lifetime
- Safety & Warranty



LUNA Program

Goals:

- Minimize lighting energy use
- Mitigate light pollution
- Provide appropriate visibility for people

Program Requirements include:

- Uplight thresholds
- Limited CCT range
- Controllability requirements



Light pollution unnecessarily contributes to climate change.







The sky glow of Los Angeles is visible from an airplane 200 miles away.



Coming in December 2021!

Thank you

For more information visit our website www.designlights.org

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