



Dear DLC Members and Stakeholders:

The DesignLights Consortium (DLC) appreciates the opportunity to work alongside stakeholders to support the continued evolution of high-performing, energy efficient lighting solutions. Through these collaborations, together we have the ability to provide decision makers with data and resources on quality lighting, controls, and integrated building systems to reduce energy, carbon, and light pollution. Over the past 10 years, the DLC Technical Requirements and Qualified Products Lists (QPLs) have helped enable energy efficiency programs to achieve over 1,000 TWh of lighting savings.

SSL Version 5.1 released in 2020, was the last major update to the SSL requirements, and was focused on improving the quality of light and controllability of listed products. The DLC Technical Requirements for LED Lighting: Solid State Lighting Version 6.0 (SSL V6.0) and LUNA Version 2.0 (LUNA V2.0), introduces a combined set of technical requirements, streamlining what were previously two separate documents.

Goals of the Technical Requirements for LED Lighting

The goals of SSL V6.0 & LUNA V2.0 focus on improvements to performance for non-residential luminaires, retrofit kits, and lamps, emphasizing lighting products that are energy efficient, controllable, and high quality, as aligned with the DLC mission.



Advance energy efficiency and support decarbonization through increased efficacy thresholds and controls requirements.



Strengthen the SSL QPL by expanding eligibility to support sustainability, lighting innovation, and flexible installation practices.



Drive greater adoption of controls through compatibility-based product selection from SSL and NLC QPLs.



Mitigate light pollution by creating more responsible outdoor lighting options.

SSL V6.0 also advances the goals of the DLC Premium classification, which allows QPL users to identify light fixtures and retrofit kits that maximize energy savings and product life without sacrificing light quality. Modern LED luminaires serve as a pathway to connected lighting, which enables deeper

integration with building systems for maximum energy savings and flexible energy use. With higher efficacy thresholds and enhanced controllability, these Premium classified LED products facilitate increased energy savings opportunities. Ultimately, these features combine to deliver a high-quality lighting solution that supports sustainability goals, enhances visual performance, and lowers total cost of ownership.

Draft 1 of the Technical Requirements for LED Lighting - SSL V6.0 and LUNA V2.0 received comments from a wide range of disciplines across the lighting and controls industries. The responses to draft 1 provided excellent insights and recommendations. Based on the feedback and additional stakeholder outreach, we are pleased to issue Draft 2 for comments.

Based on comments from draft 1, continued discussions with stakeholders and uncertainty regarding the future status of the EnergyStar downlight QPL, requirements for downlights and E26 medium base general-purpose lamps will no longer be included in this revision. We are actively monitoring the situation and may revisit this decision in a future update if needed.

The DLC invites commenters to provide feedback on this second draft during a six-week public comment period beginning on Monday, July 28, 2025, and ending on Friday, September 5, 2025. Please submit all feedback using the comment form linked below to comments@designlights.org. This comment period is expected to be the last one before the final release of the technical requirements, which is planned for Monday, November 3, 2025, to support product application acceptance and qualification to SSL V6.0 and LUNA V2.0 on January 5, 2026.

[View Proposed Requirements for SSL V6.0 and LUNA V2.0 Draft 2](#)

[Download the SSL V6.0 and LUNA V2.0 Draft 2 Comment Form](#)

Draft 2 Release Webinar

The DLC will host an informational webinar on Wednesday, August 6, 2025, at 3:00 PM Eastern Time. The webinar will focus on the technical requirements, emphasize the main changes since draft 1, and will include a Q&A session.

[Click here to register for the 8/6 Draft 2 Release Webinar](#)

Please submit all questions and comment forms to comments@designlights.org. We look forward to engaging with you to increase the value of the Technical Requirements and the QPL. A redlined version of Draft 2 is available on request by emailing comments@designlights.org.

Best regards,

The DLC Team