



DLC Update brings new opportunities to Solid State Lighting (SSL) products

Introduction to the Qualified Products List

The DesignLights Consortium® (DLC) is a nonprofit organization that partners with utilities and energy efficiency program members, manufacturers, lighting designers, and federal, state and local entities to establish specifications and educate the industry. Lighting manufacturers selling in the North American market should be aware of the advantages of registering lighting products on the DLC's Qualified Product Lists (QPL). Many U.S. and Canadian utilities rely on the QPL to identify products eligible for utility rebates.

UL Solutions can provide the independent third-party testing and certification for key metrics needed to register for the QPL. You can search for listed products, as well as find an updated overview of current incentives programs, on www.designlights.org.

Solid State Lighting (SSL) Technical Requirements V5.1

The DLC's new Version 5.1 SSL Technical Requirements is now active. This is the second of two revisions (V5.0 and V5.1) intended to expand the focus on quality of light. Products that do not meet the new V5.1 requirements will be removed from the QPL on June 30, 2022.

The goals of V5.1 include:

- New color quality requirements based on TM-30-18 for color rendering and color consistency over time.
- Glare reporting will help lighting decision-makers evaluate products appropriate for the application.
- Increased energy savings through expanded dimming requirements.

What has changed in the new version?

V5.1 includes new requirements for spectral quality and light distribution intended to improve the quality of light of DLC listed products, and the controllability requirements support additional energy savings in built environments.

Notable highlights of DLC SSL V5.1

- New efficacy allowances based on enhanced color and glare characteristics when reported.
- Introduction of unified glare rating (UGR) metric and requirements for some indoor luminaires.
- Updates to reference housing testing requirements for linear replacement lamps.

At our recognized laboratories, we can provide independent, third-party testing required for manufacturers applying for DLC performance and quality recognition.

Why UL Solutions?

At UL Solutions, a global leader in safety science, testing and inspection, we understand your business needs and have the expertise, flexibility and testing capabilities to help you bring your lighting solutions to market.

UL Solutions can provide the testing and certification services for the SSL, horticultural, cybersecurity (networked lighting controls) or LUNA requirements needed for your products to be added to, or remain on, the DLC's QPL. Visit us online at UL.com/lighting or connect with our experts in your region to arrange testing at our laboratories..

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