



**January 2022**

## **A New Year of Possibilities**

2022 is a new year with new possibilities to advance smart, efficient solutions that save energy and help combat the climate crisis. We have a lot in store for 2022 including transitioning the Solid-State Lighting QPL to V5.1 products, accepting applications for LUNA products, developing the next Horticultural Lighting Technical Requirements (V3.0), and more! We look forward to your continued participation and collaboration as we work towards our mission - achieving energy optimization by enabling controllability with a focus on quality, people, and the environment.

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## **LUNA Technical Requirements V1.0 Final Release**



On December 17, the DLC released the final LUNA Technical Requirements V1.0. LUNA establishes performance requirements for specific categories of outdoor solid-state lighting that can be used by facility managers, cities and municipalities, and any outdoor lighting decision makers to minimize light pollution AND energy use while providing appropriate visibility for people. LUNA qualified products will be a subset of SSL V5.1 qualified products listed on the SSL QPL.

## LUNA Technical Requirements V1.0

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# Final Policy Release Webinar: LUNA Technical Requirements V1.0



Released on December 17, 2021, the final [V1.0 Technical Requirements for LUNA](#) are intended to mitigate negative impacts of lighting at night such as sky glow and light trespass by establishing system performance specifications and best practices.

This webinar will cover:

- Eligibility & Primary Use Designations (PUDs) for LUNA
- Two Sets of Requirements to Obtain LUNA Qualification: DLC SSL V5.1 and LUNA
- Testing & Reporting Requirements (Controllability, Distribution, Spectral, etc.)

**ENGLISH Register for the Webinar, Wed, Jan 26, 2022 1– 2pm EST**

**MANDARIN Register for the Webinar, Thu, Feb 17, 2022 9-10pm EST**

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# The DLC's Solid-State Lighting Family Grouping Policy: More Efficient Product Qualification



The DLC will be giving an overview of the DLC Family Grouping Policy and explaining how it can be used to efficiently and cost effectively submit SSL products for qualification to the QPL.

Key Takeaways:

- Benefits of the DLC's current Family Grouping Policy
- Allowed and disallowed variations within the Family Grouping Policy
- Initial qualification and update applications

**ENGLISH Register for the Webinar, Wed, Jan 19, 2022 1– 2pm EST**

**MANDARIN for the Webinar, Tues, Jan 25, 2022 9-10pm EST**

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## Webinar: New DLC Application Portal Overview



On January 31, 2021 the DLC will transition to a [new application portal for manufacturers and labs to submit applications](#) for product qualification on the Solid-State Lighting and Horticultural QPL. The DLC will be giving an overview of how to utilize and submit applications in the new application portal on **Mon., January 24, 2022 from 1pm-2pm ET**. In addition, the transition timeline between the current and new portal, and any process changes that will be implemented with the release of the new portal will also be discussed.

**Register for the Webinar, Monday, Jan 24, 2022 1– 2pm EST**

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## NLC4 Delisting

Feb  
28

[Networked Lighting Control System Technical Requirements 5 \(NLC5\)](#), which went into effect in August 2020, strengthened cybersecurity, interoperability and energy monitoring requirements for listing systems on the DLC's NLC Qualified Products List (QPL). Since 2020, both NLC4 and NLC5 listed systems have been available on the NLC QPL, but at the end of next month NLC4 listed systems will be delisted.

**On February 28, 2022, NLC4 listed systems that have not updated to NLC5 will be delisted.** To avoid delisting, please **complete and submit update applications by February 21, 2022 at the latest.** Please review the [NLC5 Technical requirements](#) on the DLC website to learn more about the cybersecurity requirements and accepted certifications. For any questions regarding the deadline and qualification of NLC5 systems please contact Bagwat Mohan at [bmohan@designlights.org](mailto:bmohan@designlights.org).

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## NLC5 Cybersecurity Standard Update



The DLC is pleased to announce two new additional cybersecurity standards and services that are recognized under the [NLC5 Technical Requirements](#).

- The DLC now recognizes the PSA-Certified cybersecurity standard with Chip Level 2 or 3 certification and with System Level 1, 2, or 3, and Device Level 1, 2, or 3 certification. This certification may now be used to meet the NLC5 cybersecurity requirement.
- The DLC now recognizes accredited certifications from an organization accredited as “Management Systems Certification Bodies” by the [International Accreditation Service \(IAS\)](#) as valid proof of compliance with the ISO 27001 cybersecurity standard.

[View Other DLC Recognized Cybersecurity Standards and Services](#)

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## Updating Listed Horticultural Lighting Products

As of December 31, 2021, all products on the Horticultural QPL must meet V2.1 or submit update applications to update products to the new requirements. Below is guidance for updating V1.2 products to V2.1, with and without TM-33 data. All products are required to follow the provisions for [Updating Horticultural Fixtures](#) and applicable [Update Application Fees](#).

### Updating V1.2 Products

- Any V1.2 products that did not update to V2.1 (with or without TM-33) will be delisted in January 2022.

### Updating V2.1 Products without TM-33 Data

- All V2.1 listings without TM-33 are required to submit TM-33 data by April 1, 2022. Any products without TM-33 data will be delisted in May 2022.

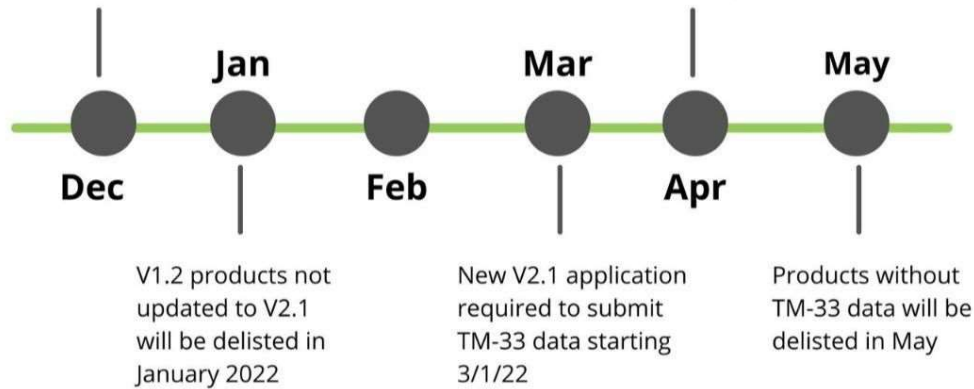
### Submitting New V2.1 Applications

- Starting in March 2022, all new V2.1 applications will require TM-33 data for submission.

If you have any questions about how to update product listings, please contact [horticulture@designlights.org](mailto:horticulture@designlights.org).

12/31/21 deadline to update V1.2 listings to V2.1 (with or without TM-33)

4/1/22 deadline to submit TM-33 data for V2.1 listings



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## Changes Ahead: Transition to SSL V5.1 in 2022



By July 1, 2022, the DLC's Solid State Lighting Qualified Products List (QPL) will be

fully transitioned to SSL V5.1 listed products. V5.1 maximizes energy savings and user benefits of commercial LEDs by requiring listed products to include advances in lighting quality and control functionality. Since LEDs installed now may run for a decade or more, strengthening controllability requirements at the time of installation locks in compatibility and potential energy and cost savings, and get good quality light for years to come.

[Read the Blog](#)

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## Next-Generation Lighting Professionals



On Tuesday, February 1 from 11am-1pm ET, DLC Associate Director of Operations, Bernadette Boudreaux, will participate on the panel discussion, "Next-Generation Lighting Professionals" at the [2022 Solid-State Lighting Workshop](#). Session description below:

### **Next-Generation Lighting Professionals**

The lighting industry relies on a broad range of experiences working professionals as well as young professionals with new perspectives. This panel will discuss activities and ideas to promote effective lighting education, technology training, and diversity in the workforce.

[View the Workshop Agenda](#)

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**In case you missed it:**



The [DLC records all webinars](#) we present and host, so you'll always have access in the event you were unable to attend – or just want to re-watch a webinar for a refresher.



Find the latest [DLC news and blogs posts](#) on perspectives related to LED lighting, networked lighting controls, and other relevant industry developments.

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### **About the DLC and What We Do**

The DLC is a non-profit, mission-based organization dedicated to promoting high quality, energy efficient lighting products in collaboration with utility energy efficiency programs, manufacturers, lighting designers, and other essential lighting industry players.

Through our collaborative policy development process, the DLC publishes and regularly updates Technical Requirements for commercial LED lighting, networked lighting controls, and horticultural LED lighting. Products that meet the requirements can then be submitted for review and qualify for listing on our qualified products lists (QPLs).

In addition to the QPLs, the DLC's experienced staff provides technical expertise, facilitates thought leadership through webinars, meetings, and events, and creates other educational lighting resources to help accelerate the transition to better quality, more connected lighting solutions. See how you can [join the DLC](#).



[www.designlights.org](http://www.designlights.org)

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