

Cybersecurity For Connected Lighting Control Products

UL Solutions helps manufacturers prepare for DLC's cybersecurity requirements for network lighting controls

Many U.S. and Canadian utilities rely on the DesignLights Consortium® (DLC) to provide reduced risk qualification programs and navigate cybersecurity protocols for utility rebates.

Our DLC QPL Cybersecurity Qualification solution

The lighting controls industry is adopting cybersecurity measures to protect privacy, restrict unauthorized access to systems and protect manufacturers' reputations.

Our rapid, low-cost evaluation process can assess your products to see if they comply with DLC's Networked Lighting Controls (NLC) program. To meet the DLC criteria, you need an initial product assessment and a letter of attestation upon meeting requirements that has an annual renewal with UL Solutions.

Testing is based on a risk assessment of components in the controls system. Based on a baseline approach and industry best practices for Internet of Things (IoT) security, this solution qualifies the system and any other systems that also contain qualified components. Added benefits include:

- Easy intake and reporting process
- Consideration of known areas of risk within the system functionality
- Keeps product security up to date through annual reassessment

Benefits of our DLC QPL Cybersecurity Qualification solution

When you work with us to learn about vulnerabilities, you can identify security risks best practices related to the following areas:

- Access control
- Industry privacy best practices
- Product security maintenance
- No default passwords
- Secure update mechanism
- Secure reset and connections

Our approach to qualifying cybersecurity products with security controls has advantages to multiple segments of the lighting market, including services and utilities, manufacturers and lighting system users.



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.

Visit us online at [UL.com/lighting](https://www.ul.com/lighting) or contact us to review what is needed to start assessment of your product. We can efficiently help you meet the DLC's cybersecurity requirement and other QPL requirements.

Learn more at [UL.com/Solutions](https://www.ul.com/Solutions)



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