



# What to Know About DLC's SSL V5.1 Technical Requirements

## Why choose SSL V5.1 listed products?

Quality of light encompasses the characteristics of lighting that impact productivity, performance, comfort, mood, safety, health, wellbeing, and more. V5.1 incorporates quality of light metrics on the QPL to ensure that high-quality products are listed, superior performing products can be differentiated, and additional energy savings are realized.

## When will V5.1 products be available on the QPL?

Both SSL V5.0 and V5.1 products are available on the QPL today. However, beginning July 1, 2022, only SSL V5.1 products will be shown as listed on the QPL.

### Highlights of SSL Technical Requirements V5.1

- New color quality requirements help provide good color rendering with better color consistency over time.
- DLC Premium classification provides improved glare performance of listed products.
- Virtually all listed products are dimmable, providing increased energy savings and improved user satisfaction.

PLEASE NOTE: Use caution when stocking products that have not yet updated to V5.1. Many commercial lighting programs require DLC listing for rebate eligibility. It is highly recommended that product listing status is verified prior to purchasing, either by searching the Qualified Products List and/or confirming with manufacturers.

### Delisting:

Products that do not meet V5.1 requirements delisted





## What are the benefits of SSL V5.1 Listed Products?



### **Achieve greater energy savings through higher efficacy products.**

V5.1 maintains the efficacy increase of V5.0 for all products (by 12% on average).



### **Unlock additional energy savings and improve occupant satisfaction by mitigating issues with over-lighting and glare.**

V5.1 extends the dimming requirement to all lamps and most indoor/outdoor luminaires and retrofit kits.



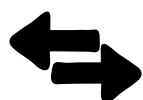
### **Easily identify products with integral control sensors and capabilities providing additional energy savings and flexibility.**

V5.1 requires all products report on specific integral control sensor types and capabilities such as occupancy, daylight, LLLC, and energy monitoring.



### **Products will deliver color appearance that is less likely to shift over time.**

V5.1 expands the range of acceptable CCT values (up to 6500 K) and introduces a color maintenance requirement.



### **Easily identify products that may be compatible with various lighting control systems based on the communication type (wired, wireless) and protocol.**

V5.1 requires all products report on the type of communication (wired, wireless) and the availability of specific communication protocols.

## **Are there additional resources available to learn more about SSL Technical Requirements V5.1?**

For more information on the SSL Technical Requirements V5.1 and the V5.1 transition please visit the [DLC website](#).