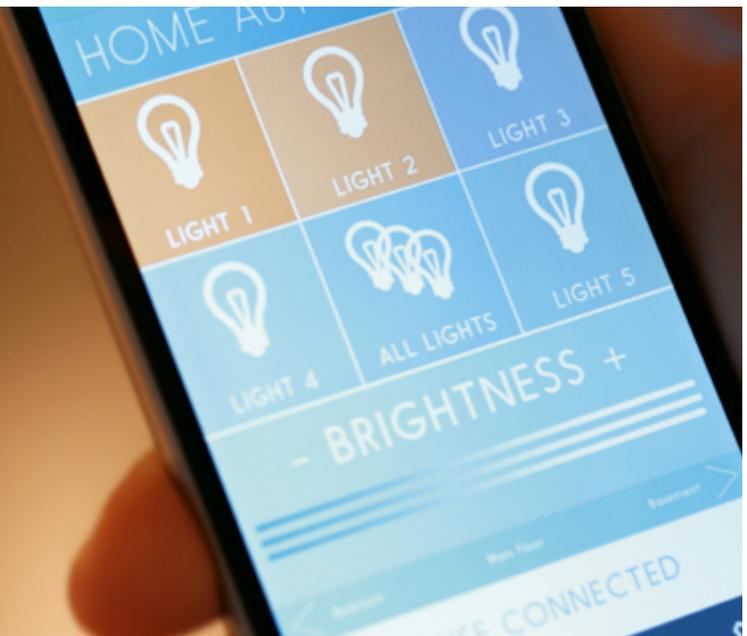# LED Lighting Controllers

In the search for maximum energy efficiency and light quality, controlling lighting equipment proves paramount.

In various environments around the world, users are looking for the ability to control their lighting. Lighting controls may be used to reduce energy consumption, create a desired atmosphere, or simply turn a light on and off. Additionally, many commercial building energy codes contain detailed mandatory lighting control requirements. Requirements for lighting controls typically have been spread across several standards and often include considerations for general usage.

UL's safety certification program for light-emitting-diode (LED) controllers gives manufacturers a faster, easier path to market. This safety certification path covers controls dedicated for use in LED lighting equipment and lighting systems, including dimming circuits (0-10, DALI, proprietary, etc.), communications modules (ZigBee, Bluetooth®, Wi-Fi, etc.) and sensors (daylight, motion, thermal, etc.).

Our LED controllers certification program focuses only on the safety considerations that are critical to your lighting products. UL offers both Component Recognition and Listing certifications, as applicable, by leveraging requirements in UL 8750, the Standard for Safety of Light Emitting Diode (LED) Equipment for Use in Lighting Products.

Recent revisions to UL 8750 requirements for LED controllers now offer a more comprehensive range of LED lighting controllers and sensor types (including built-in and remote) in the scope of the Standard.

Please visit UL Product iQ™ for additional information about UL's LED controller certification programs for the North America Market (FLTJ, FLTJ2).

Access global markets and enhance your brand through personal relationships with local engineering experts.
- Achieve consistent speed to market through best in class project support
- Minimize risks through UL's expertise in hazard based safety engineering
- Enjoy customized solutions for your safety, performance, energy efficiency and marketing claim needs

As the No. 1 certifier for UL and IEC-based standards, UL provides you with peace of mind for your latest product innovations and easy access to the global market.

For more information, contact our Customer Service team at 1.877.854.3577 or LightingInfo@ul.com. To learn more about our lighting controls services, please visit our website at www.UL.com/Lighting.

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