FCC

Part 15 of the FCC regulations addresses the Radio Frequency (RF) of LED lighting products to ensure that devices do not cause harmful interference to radio-communications services. In most cases, the driver paired with LED lighting devices operates at RF frequencies similar to those used in digital electronic products. LED fixtures are then subject to the “Verification” or “Certification” equipment authorization procedures. The testing limits radiated emission from 30 MHz to 1000 MHz to ensure overall compliance with radiated emissions requirements. Manufacturers are required to design to these standards, as well as keep validated test reports on file. Wireless or “intentional” devises require reporting be submitted through the FCC.

For more information, visit **www.fcc.gov**.

International Dark Sky Association (IDA)

IDA’s Fixture Seal of Approval program certifies outdoor lighting fixtures as being Dark Sky Friendly, meaning that they minimize glare while reducing light trespass and sky glow. Dark Sky friendly fixtures are designed to reduce light pollution by directing the light down and out, not up. To earn the seal of approval, products are required to be fully shielded and to minimize the amount of blue light in the nighttime environment.

For more information, visit **www.darksky.org**.

ADA Compliant

The Americans with Disabilities Act is a federal anti-discrimination statute designed to ensure equal access to opportunities and benefits for qualified individuals with disabilities. The act seeks to remove barriers to the enjoyment of programs and employment opportunities, independent living, and economical self-sufficiency enjoyed by those without disabilities. The American with Disabilities Act (ADA) limits wall-mounted luminaires to four inches in depth when located between 27 inches and 84 inches from the finished floor level of walks, halls, corridors, passageways, or aisles. Many Kichler Lighting sconces meet this requirement at any mounting height.

For more information, visit **www.ada.gov**.