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Light-emitting-diode Retrofit Luminaire Conversion Kits

[Luminaires and Fittings] Light-emitting-diode Retrofit Luminaire Conversion Kits

GENERAL

This category covers light-emitting-diode (LED) retrofit kits intended for field installation in certified luminaires and office-furnishing lights.

This category does not cover retrofit reflector kits and luminaire conversion lamps intended for direct replacement of existing lamps without the need for modification, rewiring or component replacement in the luminaire.

The retrofit kits consist of LED light sources, installation instructions, subassemblies, luminaire marking labels, and assembly aids (where appropriate) to facilitate the replacement of the existing light source in complete luminaires. The retrofit installation may require modifications to the luminaire in accordance with the installation instructions provided with the retrofit kits.

The LED retrofit kits have been investigated to determine that, when installed in accordance with the manufacturer's instructions, they do not adversely affect the operation of the luminaire. A luminaire that is modified so it can no longer accept the original lamp has a label provided by the retrofit kit manufacturer affixed to the luminaire where visible during relamping that indicates the luminaire has been modified and can no longer operate the originally-intended lamp(s).

LUMINAIRE MARKINGS

LED retrofit luminaire conversion kits that permit the insertion of the original lamp types are provided with a marking for installation by the kit installer on the retrofitted luminaire. This marking is visible during relamping and states, "This luminaire has been modified and can no longer operate the originally intended lamp," and additionally identifies the replacement LED lamp type/model to be used, together with the manufacturer's name and ordering information.

LED retrofit luminaire conversion kits using linear tubular LED lamp conversions are provided with a marking for installation by the kit installer visible during relamping that indicates in text or wiring diagram how the supply connections are made to the lampholders.

RELATED PRODUCTS

Retrofit reflector kits intended for installation on fluorescent luminaires are covered under Luminaire Conversions, Retrofit ([IEUQ](#)).

Retrofit devices used to convert incandescent exit luminaires to fluorescent exit luminaires are covered under Exit Sign Conversion Kits ([FWCF](#)).

LED light sources intended to replace fluorescent lamps where it is not necessary to modify the luminaire are covered under Lamps, Self-ballasted, Light-emitting-diode Type ([OOLV](#)).

ADDITIONAL INFORMATION

For additional information, see Luminaires and Fittings ([HYXT](#)) and Electrical Equipment for Use in Ordinary Locations ([AALZ](#)).

REQUIREMENTS

The basic requirements used to investigate products in this category are contained in [UL Subject 1598C](#), "Outline of Investigation for Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits," in addition to [ANSI/UL 1598](#), "Luminaires," [ANSI/UL 153](#), "Portable Electric Luminaires," and/or [ANSI/UL 1286](#), "Office Furnishings."

UL MARK

The Certification Mark of UL on the product is the only method provided by UL to identify products manufactured under its Certification and Follow-Up Service. The [Certification Mark](#) for these products includes the UL symbol, the words "CERTIFIED" and "SAFETY," the geographic identifier(s), and a file number.

Salva el medio ambiente, tus hijos y el planeta!