

Subject 1598C

May 26, 2017

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Light-Emitting Diode (LED) Retrofit Luminaire Conversion Kits, UL 1598C, are being proposed:

1. Additional requirements to include LED stage and studio luminaire retrofit kits

STP BALLOTS AND ALL COMMENTS DUE: JUNE 26, 2017

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Additional requirements to include LED stage and studio luminaire retrofit kits

RATIONALE

Proposal submitted by: Juan Caamano, UL LLC

This expands the scope of UL 1598C to include LED retrofit kits intended for stage and studio luminaires as described in the Standard for Stage and Studio Luminaires and Connector Strips, UL 1573. Stage and studio luminaires utilizing retrofit kits compliant with these requirements will continue to comply with UL 1573 while incorporating the additional marking and installation instruction safeguards currently required by UL 1598C.

PROPOSAL

1.6 This standard does not cover retrofit luminaire conversion kits for amateur movie lights; aquarium lights, cabinet lights, decorative lighting strings, combination fan/IR lamps used for heating, electric signs, exit signs, junction boxes for swimming pool fixtures, lamp adapters, low-level path marking and lighting systems, low-voltage landscape lighting, low voltage lighting fixtures for use in recreational vehicles, low voltage marine lighting, luminaires for hazardous locations, luminaires for recreational vehicles, marine navigational lights, portable electric displays, portable hand lamps, portable luminaires, portable sun/heat lamps, self-ballasted lamps and lamp adapters, ~~stage and studio luminaires~~, submersible luminaires, swimming pool luminaires, temporary lighting strings, therapeutic lamps, track lighting systems, under-cabinet lights and cord-connected under-cabinet lights, and unit equipment for emergency lighting.

1.8 Additional requirements for LED retrofit luminaire conversion kits intended for stage and studio luminaires are in Supplement SB.

6.1 After installation of the retrofit kit, a luminaire shall comply with the requirements in Mechanical Construction, Section 5, of the Standard for Luminaires, UL 1598.

Exception: Retrofit kits for stage and studio luminaires shall comply with requirements in Supplement SB.

7.1 A polymeric material serving to complete the enclosure required in Enclosures, Section 5.3, of the Standard for Luminaires, UL 1598, or providing structural support for any electrical component or for any non-electrical component weighing more than 3 ounces (85 g) shall comply with the requirements in Polymeric Materials, Section 5.7, of UL 1598.

Exception: Retrofit kits for stage and studio luminaires shall comply with requirements in Supplement SB.

9.1 Metal parts of a retrofit kit and those portions of a luminaire affected by installation of the retrofit kit shall comply with the requirements in Metal Thickness for Enclosures, Section 5.5, of the Standard for Luminaires, UL 1598.

Exception: Retrofit kits for stage and studio luminaires shall comply with requirements in Supplement SB.

10.1 After installation of a retrofit kit, a luminaire shall comply with the requirements in Electrical Construction, Section 6, of the Standard for Luminaires, UL 1598.

Exception: Retrofit kits for stage and studio luminaires shall comply with requirements in Supplement SB.

12.2 The supplemental wiring provided with the retrofit kit shall comply with applicable requirements in Electrical Construction, Section 6, of the Standard for Luminaires, UL 1598. Wiring requirements do not apply to integral leads of luminaire components evaluated for use in the retrofit kit.

Exception: Retrofit kits for stage and studio luminaires shall comply with requirements in Supplement SB.