



# Standards Update Notice (SUN)

Issued: February 22, 2017

## Standard Information

**Standard Number:** UL 879A

**Standard Name:** Standard for Safety for LED Sign and Sign Retrofit Kits,

**Standard Edition and Issue Date:** 1<sup>st</sup> Edition Dated December 9, 2012

**Date of Revision:** August 16, 2016

**Date of Previous Revision of Standard:** 1<sup>st</sup> Edition Revised December 18, 2013

## Effective Date of New/Revised Requirements

**Effective Date:** September 13, 2018

## Impact, Overview and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes:** Update installation instructions marking and label requirements for sign LED retrofit kits. Specific details of new/revised requirements are found in table below.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

**Client Action Required:**

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

**Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.**



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## Description of New/Revised Technical Requirements

Clause	Verdict	Comment
15.1.2	Info	Deleted lamp requirements that have been moved to UL 1993 and updated references.
Supplement SA	Info	Deleted lamp requirements that have been moved to UL 1993 and updated references.
25	Info	<b>LED Kits for Factory Installation in New Signs</b>
25.1	Info	Each bulk shipment of a component shall include at least one set of installation instructions.
25.2		The instructions are to include the following information: a) Kit parts list; b) Determine required number of LEDs for illumination; c) Determine number of power supplies; d) Loading of power unit; e) Mounting LEDs; f) Wiring from power unit to LEDs; g) Supply wiring to power unit; h) Mounting of disconnect switch; and i) Wiring from power unit to LEDs.
26.1		Each retrofit kit packaging shall include a set of installation instructions. Multiple LED kits identified on a bulk packing list for a single sign or job location shall include at least one set of the installation instructions.
26.2		The instructions are to include the following information: a) Kit parts list; b) Identification and preparation of host sign; c) Identify what parts to remove; d) Determine if disconnect switch needs to be installed (for example a switch may be integral to a neon power supply); e) Repair and seal any unused openings in the electrical enclosure of a wet or outdoor sign; f) Determine required number of LED's for illumination; g) Determine number of power supplies; h) Loading of power unit; i) Mounting LEDs; j) Wiring from power unit to LEDs (including any bonding instructions); k) Supply wiring to power unit (including any grounding instructions); and l) Mounting of disconnect switch.
26.3		The markings and information specified in Table 26.1 shall be included in the installation instructions in accordance with 26.4 – 26.11.
26.4		With reference to 26.3, each installation instructions shall include the marking specified in Table 26.1, items A – C.
26.5		With reference to 26.3, the installation instructions for LED kits that reuse existing components, such as lampholders, shall include a statement advising the kit installer to examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit. The warning statement in Table 26.1, item D or equivalent, is considered to meet this requirement.



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Clause	Verdict	Comment
26.6		With reference to 26.3, the installation instructions of LED Retrofit kits that utilize existing fluorescent lampholders shall include the marking in Table 26.1, item E.
26.7		With reference to 26.3, when the installation of a retrofit kit requires the making or altering of one or more open holes in an electrical enclosure, the installation instructions shall identify the dimensions of all such open holes in a photograph or drawing. The installation instructions shall include the marking specified in Table 26.1, item F.
26.8		With reference to 26.3, when the installation of a retrofit kit does not require the making of any open holes in an electrical enclosure, the installation instructions shall include the marking specified in Table 26.1, item G.
26.9		With reference to 26.3, a retrofit kit that requires drilling or punching of holes into the electrical enclosure of a wet or outdoor sign shall include the marking specified in Table 26.1, item H.
26.10		With reference to 26.3, all tubular fluorescent to LED sign conversion retrofit kits that require both line and neutral power to be connected to the same lampholder shall be provided with the warning marking in Table 26.1, item I, as part of the installation instructions, or on a separate stuffer sheet provided with each kit, or marked on the kit itself.
26.11		With reference to 26.3, for LED retrofit kits that reuse existing lampholders or otherwise permit the insertion of previously used lamps shall have markings noted in Table 26.1, item J, applied to the retrofitted sign where visible during relamping.
		<b>CUSTOMERS PLEASE NOTE:</b> This Table and column "Verdict" can be used in determining how your current or future production is or will be in compliance with new/revised requirements.