

STANDARD INFORMATION

Standard: ANSI/CAN/UL 8800

Standard ID: Horticultural Lighting Equipment and Systems [ANSI/CAN/UL 8800:2019 Ed.1+R:14Sep2023]

Previous Standard ID: Horticultural Lighting Equipment and Systems [ANSI/CAN/UL 8800:2019 Ed.1+R:13Mar2023]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **March 14, 2026**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes: LED array flexing pre-condition requirement. Specific details of new/revise requirements are found in table below.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
Supplement SA	Info	REQUIREMENTS FOR COATINGS SERVING AN ELECTRICAL AND/OR FIRE ENCLOSURE FUNCTION FOR LED ARRAYS
SA4	Info	Performance
SA4.4	Info	Adhesion and abrasion test
		One sample of the fully populated and coated LED array shall be conditioned in the following sequence prior to conducting the adhesion and abrasion tests in SA4.4.2 – SA4.4.6.
SA4.4.1		a) The LED array shall be flexed 4 times so that the midpoint of the LED array is displaced from the line joining the two longest <u>shortest</u> edges of the LED array a distance equal to 5 percent of the length of the printed wiring board, to simulate conditions that can be expected under normal handling. <u>Exception: Metal-backed or ceramic printed wiring boards mounted on a flat and rigid surface of a luminaire are not subject to this test.</u>
		b) The LED array shall be conditioned at 90 ±1 °C for 96 h. c) The LED array shall be conditioned at 23 ±1 °C and 96 ±2 percent relative humidity for 96 h.