

STANDARD INFORMATION

Standard Number: UL 2108
Standard Name: Low Voltage Lighting Systems
Standard Edition and Issue Date: 2nd Edition Dated December 7, 2015
Date of Revision: May 30, 2017
Date of Previous Revision of Standard: December 7, 2015

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **December 31, 2019**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: A review of all Listing Reports is necessary to determine which products comply with new/revise 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.

Overview of Changes:

- Address Equipment for Use in Environmental Air Spaces
- Addition of Electrical Ratings for Power Units and Luminaires

Specific details of new/revise 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/revise paragraphs noted in the attached or explain why these new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
11	Info	Recessed Housings
11.4	Info	Section deleted;
		<i>New section added;</i>
11A		Equipment for Use in Environmental Air-Handling Spaces (Plenums)
		Equipment with polymeric enclosure parts intended to be installed in air-handling spaces ^a shall comply with the requirements in the Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces, UL 2043.
11A.1		^a Equipment evaluated in accordance with these requirements is considered to comply with the fire retardant and low smoke producing requirements of Section 300.22(C) of the National Electrical Code, NFPA 70; Chapter 4 of Standard for the Installation of Air-Conditioning and Ventilating Systems, NFPA 90A; Section 602 of the International Mechanical Code; and Section 602 of the Uniform Mechanical Code.
	Info	MARKING
48	Info	Details
48.2	Info	Power units
		The electrical ratings in 48.2.1 shall include the following:
48.2.2		a) Input voltage; b) Input current; c) Frequency; d) Output voltage <u>(for a power unit with constant voltage output) or current (for a power unit with constant current output);</u> and e) Output wattage.
		<i>New clause added;</i>
48.2.2.1		In regards to 48.2.2 (d) and (e), for a power unit with multiple outputs, the rating refers to the output for each output terminal, port, or set of lead wires. Where all such outputs, or groups of co-located outputs, have the same ratings, the markings can be consolidated provided that the relationship between the marking(s) and the outputs is visually clear.



CLAUSE	VERDICT	COMMENT
		<i>New clause added;</i>
48.2.2.2		For a power unit whose output can vary based on the connected load characteristics, the ratings identified under 48.2.2 (d) and (e) shall be the maximum available voltage (or current) and power available from that output.
	Info	MARKINGS
67	Info	Details
67.1	Info	General
		<i>New clause added;</i>
67.1.2.1		A luminaire shall be marked in Form A1 with its input voltage (for a luminaire that operates on a constant voltage) or its input current (for a luminaire that operates on a constant current).
70	Info	Mechanical Construction
		<i>New clause added;</i>
70.2		Equipment for use in Environmental Air-Handling Spaces (Plenums) shall comply with Section 11A.
		CUSTOMERS PLEASE NOTE: 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.