

STANDARD INFORMATION

Standard Number: UL 498
Standard Name: Attachment Plugs and Receptacles
Standard Edition and Issue Date: 16th Edition Dated April 28, 2017
Date of Revision: November 3, 2017
Date of Previous Revision of Standard: April 28, 2017

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **November 3, 2019**

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.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: Addition of Requirements for Lighted Receptacles 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
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Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.

		<i>New section added;</i>
		Lighted Receptacle
42A		
42A.1		A lighted receptacle shall additionally comply with 42A.2 through 42A.4.
		The lens (jewel) of a lighted receptacle shall comply with the Standard for Polymeric Materials – Use in Electrical Equipment Evaluations, UL 746C, Resistance to Impact testing, conditioned to -35 °C, followed by the Dielectric Voltage Withstand test.
42A.2		Exception No. 1: A lighted receptacle when conditioned to a temperature of 0°C shall be marked as described in Table 193.4 Reference No. 39 (“Indoor Use Only”).
		Exception No. 2: A lighted receptacle where removal of all lens (jewel) material complies with 9.1.4 is not required to comply with this requirement.
42A.3		Conductor leads of a lamp, resistor/lamp combination, or leads from a printed circuit board shall be mechanically secured. The conductor leads shall be positioned within the receptacle enclosure so that spacings described in Section 14 (Spacings) are not reduced.
42A.4		Conductor leads shall not be connected to any dead metal or any part of the grounding terminal or contact.
42A.5		When a printed wiring board is used, shall comply with the Standard for Printed-Wiring Boards, UL 796, having a maximum operating temperature of at least 105°C and a minimum flammability rating of HB as determined by the applicable tests in the Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94.

Info **MARKINGS AND INSTRUCTIONS**

Marking and instructions applicable to receptacles

Table 193.4	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Description</th> <th style="width: 33%;">Reference</th> <th style="width: 33%;">Marking</th> <th style="width: 33%;">Location</th> </tr> </thead> <tbody> <tr> <td><u>Lighted Receptacle</u></td> <td style="text-align: center;"><u>39</u></td> <td style="text-align: center;"><u>"Indoor Use Only"</u></td> <td style="text-align: center;"><u>Marked on device where visible during installation. See 42A.2 Exception No. 1.</u></td> </tr> </tbody> </table>	Description	Reference	Marking	Location	<u>Lighted Receptacle</u>	<u>39</u>	<u>"Indoor Use Only"</u>	<u>Marked on device where visible during installation. See 42A.2 Exception No. 1.</u>
Description	Reference	Marking	Location						
<u>Lighted Receptacle</u>	<u>39</u>	<u>"Indoor Use Only"</u>	<u>Marked on device where visible during installation. See 42A.2 Exception No. 1.</u>						

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.