

STANDARD INFORMATION

Standard Number: UL 676

Standard Name: Underwater Luminaires and Submersible Junction Boxes

Standard Edition and Issue Date: 9th Edition dated August 10, 2015

Date of Revision: October 22, 2019

Date of Previous Revision of Standard: February 26, 2018

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **October 22, 2021**

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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revise requirements.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:

- Installation instructions related to flexible cords
- Cycling under water test

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:

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined out below.</i>
10	Info	Flexible Cord and Connectors
		Flexible cord shall be accessible to contact only under conditions (a), (b), or (c) below:
10.10		a) During luminaire relamping or servicing; b) When it is part of the power supply cord of a cord- and plug-connected luminaire; b) When it is the flexible cord of the cord- and plug-connected luminaire that extends from the pool wall to the location remote from the pool wall as specified in 10.9; or <u>c) No more than 1.52 m (5 ft) of flexible cord may be accessible when the installation instructions include guidance for reliably routing and securing the cord to suitably rigid structural members of the pool, the luminaire, or other objects installed for the purpose in accordance with 44.11. If the instructions require the use of a guard and/or related structural support parts, those parts shall be provided and the assembly shall comply with the Flexible Cord Guard and Support Test, Section 43.</u>
10.11		<i>New clause added;</i> A strain relief device shall be provided and comply with the Strain Relief Test, Section 37.
53	Info	Cycling Under Water Test
		<i>New clause added;</i>
53.1.1		The jacket of the cord for a submersible luminaire is to be removed for a distance of at least 25.4 mm (1 inch), the removed portion starting at a distance of 15.2 cm (6 inches) outside the point of entry into the luminaire. This section of the cord is to be completely immersed in the water.
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.		