


CTL DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC 60598-1:2014 + A1:2017	5.3.5	DSH 2122	2018
Category			
LITE			
Subject	Keywords	Developed by	Approved at
Cord anchorage	<ul style="list-style-type: none"> - Internal wiring - External wiring - Cord anchorage 	ETF5-OSM/LUM	2019 CTL Plenary Meeting
Question			
<p>According to sub-clause 5.3.5, when internal wiring passes out of the luminaire and the design is such that wiring may be subject to strain, the requirements for external wiring apply.</p> <p>According to the standard, if the internal wiring has a length greater than 80 mm outside the luminaire, compliance is checked by inspection, measurements and, if appropriate, in accordance with the tests of sub-clause 5.2.10.1. Sub-clause 5.2.10.1 requires that cord anchorages for type X attachment cord shall have at least one part fixed to, or be integral with the luminaire.</p> <p>In case the cord anchorage is “8” shaped as illustrated below, located inside the luminaire and not possible to be taken out, but also not fixed to the luminaire, would it be accepted by the standard?</p> <div style="text-align: center;">  </div>			
Decision			
<p>Yes. Sub-clause 5.2.10.3 has to be applied including the pull and push test. For sub-clause 5.2.10.1, only the last sentence is applicable as compliance criteria.</p>			
Explanatory notes			
