

## OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018	8.2.1	DSH 0897A	2019
<b>Category:</b>			
LITE			
Subject:	Key words:	Developed by	Approved at
Live metal parts projected from Edison screw caps	<ul style="list-style-type: none"> <li>- Protection against electric shock</li> <li>- Live metal parts</li> <li>- Standard test finger</li> </ul>	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
Question			
<p>During the test of protection against electric shock for luminaires, in some cases a live metal part projected from lamp cap E 27 can be accessible with the standard test finger.</p> <p>When the compliance of the used lamp and the built-in lampholder were checked with the relevant requirements of EN 60432-1 and EN 60238, they were found as satisfied. But the live part accessibility within the luminaire was caused by such a metal part projected from the lamp cap which is acceptable according to the sub clause 2.7.3 of EN 60432-1.</p> <p>“On Edison screw caps any projection from the cap shell shall not project more than 3 mm from the surface of the cap. See figure 1”.</p> <p>In this case there can easily come into existence a cap and holder combination where the protection against electric shock cannot be maintained within the luminaire.</p> <p>Can this luminaire construction be accepted?</p>			
Decision			
<p>Yes, the lampholder and the lamp shall comply with their gauges specified in EN 60061 (for further information, see EN 60061-4, Sheet 7007-20-1).</p>			
Explanatory notes			
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