

## OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60061-1:1993/A56:2017, EN 60061-3:1993/A55:2018, EN 60838-1:2017/A1:2017, EN 60598-1:2015/A1:2018, EN 60432-2:2000/A2:2012, EN 60238:2018/A1:2018	General	DSH 0813A	2019
<b>Category:</b>			
LITE			
<b>Subject:</b>	<b>Key words:</b>	<b>Developed by</b>	<b>Approved at</b>
E27 to G9 and GU10 lampholder adapters	- EN 60061-1 / 60061-3 - EN 60838-1 / 60432-2 - EN 60598-1 - G9, GU10, E27	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
<b>Question</b>			
What tests should be performed on the E27 to G9 and GU10 lampholders adapters?			
<b>Decision</b>			
<p><b>The following tests apply:</b></p> <ol style="list-style-type: none"> <li>a. As far as reasonable, the test requirements of EN 60238 apply.</li> <li>b. The lamp cap shall comply with EN 60061-1 and the dimensions shall be checked with the gauges listed in EN 60061-3 for this lamp.</li> <li>c. The lampholder shall comply with EN 60838-1.</li> <li>d. The full construction shall comply with EN 60598-1 as applicable (marking, construction, dielectric tests, creepage and clearance distances, needle flame, glow wire tests etc).</li> <li>e. The only item missing is the thermal behavior of the semi-luminaire, in the luminaire it is not known. In this case, we can take the consideration given in clause 2.4 of EN 60432-2, where the problem is the same. Of course this test is an additional one, actually not required in the standard, but it is important to consider that up to now the semi-luminaires on the market incorporate tubular fluorescent lamps and the heating behavior is not a safety problem.</li> </ol>			
<b>Explanatory notes</b>			
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**Figures**

