

## OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018	4.15	DSH 0866A	2019
<b>Category:</b>			
LITE			
Subject:	Key words:	Developed by	Approved at
Flammable materials	<ul style="list-style-type: none"> <li>- Ignition temperature</li> <li>- Life time</li> <li>- Glow wire test</li> </ul>	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
<b>Question</b>			
<p>Covers / shades and similar parts, which cannot withstand the 650°C glow wire test, shall be adequately spaced from any heated part that could raise the material to its ignition temperature. Generally the temperature of the lamp or the ballast / transformer will not rise the material to its ignition temperature, because the maximum temperature of the outside of a (compact) fluorescent lamp or small incandescent lamp is simply too low to do so. Besides there is a difference between the flash-ignition temperature of materials. Practical example is a lighting chain with plastic decorative cover, spaced about 15 mm from the lamp. The maximum temperature on the outside of the lamp (measured during the bridging test) was 180°C and the ignition temperature of the relevant material is much more than 180°C.</p>			
<b>Decision</b>			
<p>As the ignition temperature is not known over the life time, the ignition temperature of the relevant material shall not be considered.</p>			
<b>Explanatory notes</b>			
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