


CTL DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC 62560:2011 + A1:2015	5.2 e)	DSH 2177	2021
Category			
LITE			
Subject	Keywords	Developed by	To be approved
Marking if not suitable for dust and moisture	<ul style="list-style-type: none"> - Marking - Dust and moisture - Lamp body 	CTL-ETF5 - OSM/LUM	2022 CTL Plenary Meeting
Question			
<p>With Amendment A1:2015 to IEC 62560:2011, the text of Clause 5.2 e) was replaced, which provides more concrete, strict and detailed requirements for the location of the marking than described in the introductory paragraph of clause 5.2.</p> <ol style="list-style-type: none"> 1. Is the marking of Figure 6 on the lamp body required? 2. Shall the marking be placed on the package or accompanying information? <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>e) Lamps with bulbs not suitable for water contact shall be marked with the symbol according to Figure 6. The marking shall be provided on the packaging or accompanying information. The height of the graphical symbol shall be at least 5 mm. The symbol is not needed if a written cautionary notice is provided such as 'Use in Dry Locations only'.</p> <div style="text-align: center;">  <p>[SOURCE: IEC 60417-6179-1 (2014-10)]</p> </div> <p>Figure 6 – Lamp not suitable for use under dust and moisture</p> </div> <div style="border: 1px solid black; padding: 10px; margin: 10px 0;"> <p>5.2 Marking on the lamp, on the immediate lamp wrapping (or container) or in the instructions</p> <p>In addition, the following information shall be given by the lamp manufacturer on the lamp or immediate lamp wrapping or container or in the instruction manual. Explanation of Figures 1 and 2 shall be given in the instruction manual.</p> </div>			
Decision			
<p>The marking of Clause 5.2 e) is only required to be “on the packaging or accompanying information”, NOT on the lamp.</p> <p>The requirements will be reviewed during drafting of the omnibus standards.</p>			

Explanatory notes

LED lamps (especially E27 and E14) without marking of figure 6 are considered by consumers as equal to tungsten filament which by design could meet the wet location requirements when the luminaire design is providing adequate sealing.

When later changing the lamps again to have other feature in the quickly changing LED lamp world, the original package (often only blister package) is long gone. Therefore the marking is needed to indicate where to install the LED lamp and with what limitations.