

CTL Provisional DECISION SHEET

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC 62560:2011 + A1:2015 EN 62560:2012 + A1:2015	5.2 e)	PDSH 2177	2021
Category			
LITE			
Subject	Keywords	Developed by	To be approved
Marking 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

With the A1 of the EN/IEC 62560 a new clause 5.2 e) was added.

According to the wording the clause e) is adding more concrete, strict and detailed requirements for the location of the marking as described in the introduction to clause 5.2.

1. Is the reading correct that the information for: 'not suitable for use under dust and moisture' with the symbol of figure 6 **on the lamp body** is required?
2. The marking on package or accompanying information is **an additional 2nd requirement** of information. Is this reading correct?

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'.



[SOURCE: IEC 60417-6179-1 (2014-10)]

Figure 6 – Lamp not suitable for use under dust and moisture

5.2 Marking on the lamp, on the immediate lamp wrapping (or container) or in the instructions

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.

Decision

The e) marking is only required “on packaging or accompanying information” NOT the lamp. The requirements will be reviewed during drafting of the omnibus standards

Explanatory notes

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

When later changing the lamps again to have other feature in the quick changing LED lamp world then the original package (often only blister package) is long gone, therefore the marking is needed to see where to install the LED lamp next and with what kind of limitations.