

OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018	0.5.1	DSH 2004A	2019
Category:			
LITE			
Subject:	Key words:	Developed by	Approved at
Requirement on batteries as critical component	<ul style="list-style-type: none"> - Non-replaceable/replaceable batteries - Lead acid battery - Certificate of conformity 	OSM/LUM-ETF5	2019 ETICS Plenary Meeting
Question			
<p>“§ 0.5.1 states that “Components, other than integral components, shall comply with the requirements of the relevant IEC standards, if any”.</p> <p>1) Is this requirement applicable to non-replaceable batteries of luminaires, covered, for example, by IEC/EN 62133?</p> <p>2) For Lead acid battery supplied luminaires, what is the requirement for the Lead acid batteries? Do the batteries need to comply fully with IEC/EN 61056-1/-2/-3?</p>			
Decision			
<p>1) Non-replaceable batteries shall comply with the relevant standard according to § 0.5.1. Compliance can be demonstrated by a pertinent certificate by the manufacturer or a third party. The manufacturer declaration shall be based on a competent (accredited) laboratory in compliance with standard.</p> <p>Note: Annex A of EN/IEC 60598-2-22 includes safety requirements for batteries indicating compliance with their relevant standard. For some replaceable batteries there are no requirements. Other kind of replaceable batteries (for portable luminaires) need approval according to IEC/EN 62133 (see IECEE-CMC/1232/INF of 2011/12/13).</p> <p>2) See above.</p>			
Explanatory notes			
