CTL DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
IEC 60598-2-22/2014	22.17	DSH 0973A	2017
Category			
LITE			
Subject	**Keywords**	**Developed by**	**Approved at**
Flux measurement tolerances	- Follow up tests - 10% difference - Type tests	ETF5-OSM/LUM	2018 CTL Plenary Meeting

Question

When photometric testing is performed to verify the rated flux in emergency mode, we are often faced with differences between our results and those stated by the manufacturer. According to our experiences, this is quite normal if we take into account the series of uncertainties which affect a photometric measurement: different lamps used by Test Houses and manufacturers, production tolerances as regards battery and inverter, different testing methodologies, etc. What is the maximum difference allowed so that the value declared by the manufacturer is deemed correct?

Decision

For follow up test, 10% difference is acceptable. For type tests, no tolerance allowed.

Explanatory notes
