

OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s):	Tracking No.	Year
EN 60598-1:2015/A1:2018	5.3	DSH 0888A	2019
Category:			
LITE			
Subject:	Key words:	Developed by	Approved at
Internal wiring for some lamp circuits	<ul style="list-style-type: none"> - Internal wiring - Electric strength - Component 	OSM/LUM-ETF5	2019 ETICS Plenary Meeting

Question

During dimming of some lamp circuits (e.g. PL-T 32W- 42W TL 5 HE systems, 28W - 35W and TL 5 HO systems 49W - 54W) the maximum wire-to earth voltages will exceed the rated voltages for normal internal wiring (60227 IEC 05 or 06 max. up to 430V rms). In view of this, can normal wires be used. Therefore, normal wiring can be tested in the luminaire with attention to the Uout voltages indicated (if any).

Decision

The interpretation is: when carrying out the high voltage test, the insulation resistance and electric strength test shall be based on the Uout voltage as marked on the component generating the working voltage. Internal wiring is accepted under this condition.

Explanatory notes
