

## OSM/LUM DECISION SHEET (DSH)

Standard(s) (incl. year)	Subclause(s)	Tracking No.	Year
EN 60598-1:2015/A1:2018 IEC TR 62696:2011	4.13	DSH 2121A	2019
<b>Category</b>			
LITE			
Subject	Keywords	Developed by	Approved at
Mechanical strength	- IK code - Mechanical strength - External parts of the luminaire	OSM/LUM-ETF5	2019 ETICS Plenary Meeting

**Question**

Sometimes an IK code which is the classification of the mechanical strength of the enclosure is applied to luminaires for road and street lighting.,

To determine the IK code, the luminaire is tested according to sub-clause 4.13 and IEC TR 62696.

However, these luminaires may have externally accessible components such as the detector system or opening systems, as pictured below. In these cases, is it necessary to apply the impact test on these external parts?



**Decision**

Yes.

Two configurations were found:

- If the device connected to the socket is delivered with the luminaire as an accessory: in this case the device become part of the test and will be listed as critical component.
- If the device to be connected is not known: at least the dummy cap has to be delivered.

The licence should be limited to the luminaire only by adding the following wording: "product covered by this licence is the luminaire up to the socket. Device connected to the socket may affect the compliance of the full system and is not covered by this license".

**Explanatory notes**

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