

## OSM/LUM DECISION SHEET (DSH)

| Standard(s) (incl. year)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subclause(s)                                                                                                        | Tracking No. | Year                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|
| EN 60598-2-22/2014                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 22.17                                                                                                               | DSH<br>0973B | 2019                          |
| <b>Category</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                     |              |                               |
| LITE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                     |              |                               |
| Subject                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Keywords                                                                                                            | Developed by | Approved at                   |
| Flux measurement tolerances                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>- Follow up tests</li> <li>- 10% difference</li> <li>- Type tests</li> </ul> | OSM/LUM-ETF5 | 2019 ETICS<br>Plenary Meeting |
| <b>Question</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                     |              |                               |
| <p>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?</p> |                                                                                                                     |              |                               |
| <b>Decision</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                     |              |                               |
| <p>For follow up test, 10% difference is acceptable. For type tests, no tolerance allowed.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                     |              |                               |
| <b>Explanatory notes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                     |              |                               |
| <p>---</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                     |              |                               |