



**Fraunhofer**  
TESTED<sup>®</sup>  
DEVICE

Zumtobel Lighting GmbH  
CLEAN II Supreme Essential  
**Report No. ZU 2511-1683**

Statement of  
Qualification

Product series  
Hygienic Design

DUPPLICATE

# Statement of Qualification • Product series

## Customer

Zumtobel Lighting GmbH  
Schweizerstrasse 30  
6850 Dornbirn  
Austria

## Test result / Classification

The luminaire series CLEAN II Supreme Essential is principally suitable for use in hygienic areas up to the following GMP Class according to EU GMP Annex 1:

### Suitability

up to GMP Class C

## Tested product

Category: Cleanroom facilities

Subcategory: Lighting systems

Product name: CLEAN II Supreme Essential

Tested products:

- CLEAN II Supreme Essential M600Q 4600lm 840 (manufacturing date: 10/10/2025)
- CLEAN II Supreme Essential M625Q 6600lm 840 (manufacturing date: 10/10/2025)
- CLEAN II Supreme Essential M600L 6600lm 840 (manufacturing date: 10/10/2025)
- CLEAN II Supreme Essential M625L 7800lm 840 (manufacturing date: 10/10/2025)

However, this only applies to the tested system in a resting state; an overall assessment of the manufacturing environment would need to be made after its installation.

The device may only be used in GMP Class A or B when it is certain that the geometry of the large-surface lamp does not impair the quality of the laminar flow.

## Assessment of conformity to GMP regulations as well as to EHEDG conception and design recommendations

Standards/guidelines:

EU GMP Annex 1; EHEDG Doc. 8; DIN EN 1672-2; ISO 14159

The norms stated generally refer to the version valid at the time of the tests.

Assessment criteria:

- Materials utilized
- Material pairings
- Installed components
- Geometries of components used
- Joining methods
- Detailed constructional solutions
- Manufacturing processes
- Surface coatings/coating systems

The suitability of the operating utility for use in a GMP-conform manufacturing environment is ascertained on the basis of the assessment of these criteria with the aid of expert knowledge. The assessment focuses mainly on the avoidance of contamination as well as on the ability to clean and disinfect the operating utility.

The measuring devices used for the qualification tests are calibrated at regular intervals; their results can be traced back to national and international standards. In cases where no national standards exist, the test procedure implemented complies with the technical regulations and norms applicable at the time of the test. The relevant documentation can be viewed on request at any time.

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.

Fraunhofer Institute for Manufacturing  
Engineering and Automation IPA

ZU 2511-1683  
Report No. first document

Stuttgart, November 28, 2025  
Place, date of first document issued

Business unit  
Testing and Certification

--  
Report No. current document

--  
Place, current date

Nobelstrasse 12  
70569 Stuttgart  
Germany

on behalf of   
Dr.-Ing. Frank Bürger, head of business unit Testing and Certification

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under [www.tested-device.com](http://www.tested-device.com).