



valid until: July 1, 2027

Fraunhofer

TESTED[®] DEVICE

Luceco plc
Cleanroom LED panel light
Report No. LU 2512-1701

Single product Particle Emission

DUPPLICATED

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.

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

Qualification Certificate

This is to certify that the product mentioned above, provided by

Luceco plc
Telford, United Kingdom

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number LU 2512-1701.

The Cleanroom LED panel light (color: white) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions, it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Structure-borne noise = approx. 5 to 50Hz	1
Overall result	

According to ISO 14644-1 cleanrooms with the classes 1 to 5 have a high filter occupancy, with the result that large-surface lighting/ceiling systems cannot be used in some cases. Cleanrooms with a horizontal displacement flow form an exception to this.

Please note: Transport damages, incorrect installation, aging behavior, corrosion etc. can influence the test result.

LU 2512-1701
Report No. first document

Stuttgart, July 1, 2022
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA