



valid until: March 14, 2030

Fraunhofer

TESTED[®] DEVICE

SG Armaturen A/S
DiLED IV 595x595
Report No. SG 2502-1597

Product series
**Particle Emission
in Cleanroom
(atmospheric)**

Qualification Certificate

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

SG Produktion A/S
Odense N, Denmark

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number SG 2502-1597.

The luminaire series DiLED IV 595x595 (color: RAL 9010) was assessed in compliance with ISO 14644-14. When operated under the specified test conditions (room temperature: 22 °C ± 0.5 °C; relative humidity: 45 % ± 5 %), 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. 50Hz	1
Overall result	

It should be noted that cleanrooms of Class 1 to 5 according to ISO 14644-1 have a higher filter occupancy, which may restrict the use of panel lighting systems. Cleanrooms with a horizontal displacement flow form an exception to this. The test result may be affected by the surrounding ceiling system.

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

SG 2502-1597 Stuttgart, March 14, 2025
Report No. first document Place, date of first document issued

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Report No. current document Place, current date

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

DUPLICATE

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.