



valid until: November 16, 2028

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

SG Armaturen AS  
DiLED IV

Report No. **SG 2303-1398**

### Product series Particle Emission

DUPLICATE

## 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 2303-1398.

The luminaire series DiLED IV (color: RAL 9016 (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. 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 2303-1398      Stuttgart, November 16, 2023  
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

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).

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