



valid until: August 14, 2030

# Fraunhofer

## TESTED<sup>®</sup> DEVICE

ISOONE  
SIRIUS (SUR1084EPF)  
Report No. LA 2411-1574

Single product  
Particle Emission  
in Cleanroom  
(atmospheric)

## Qualification Certificate

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

**ISOONE**  
Saint-Jean, France

has been awarded a Fraunhofer certificate TESTED DEVICE  
bearing the report number LA 2411-1574.

The luminaire SIRIUS OPMI LED 450/450 5500/1 44/840 EPF  
(color: white) was assessed in compliance with ISO 14644-  
14. When operated under the specified test conditions (room  
temperature:  $22^{\circ}\text{C} \pm 0.5^{\circ}\text{C}$ ; relative humidity:  $45\% \pm 5\%$ ), 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.

LA 2411-1574  
Report No. first document

Stuttgart, August 14, 2025  
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, 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).

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