



valid until: August 14, 2030

Fraunhofer

TESTED[®] DEVICE

ISOONE
MARS (EUP2094EPF)
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 MARS OPMI LED 390/390 3950/5 31/840 EPF
(color: white and red) 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 B rger, 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.

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



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IPA