



valid until: June 6, 2030

Fraunhofer

TESTED[®] DEVICE

Climar, Indústria de Iluminação, S.A.
Asep. Extr. Pris+Op+Gl
Report No. CL 2507-1656

Single product
Particle Emission
in Cleanroom
(atmospheric)

Qualification Certificate

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

Climar, Indústria de Iluminação, S.A.
Borralha, Portugal

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number CL 2507-1656.

The luminaire Aseptic Extreme Rec. White 1195x295mm 65W
940 Prism+Opal+Glass (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.

CL 2507-1656
Report No. first document

Stuttgart, June 6, 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.

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



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