



Fraunhofer

TESTED[®] DEVICE

Rite-Hite Corporation
LITESPEED CLEANROOM
Report No. RI 2108-1247

Single product Particle Emission

Qualification Certificate

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

**Rite-Hite Material Handling
Equipment (Kunshan) Co., Ltd.**
Kunshan Jiangsu , China

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number RI 2108-1247.

The LITESPEED CLEANROOM High Performance Door (color:
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 Classes according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Side 1 • $v_o = 50 \text{ Hz}$; $v_c = -15 \text{ Hz}$ • $t_o = 5 \text{ s}$; $t_c = 10 \text{ s}$	7
Side 2 • $v_o = 50 \text{ Hz}$; $v_c = -15 \text{ Hz}$ • $t_o = 5 \text{ s}$; $t_c = 10 \text{ s}$	6
Overall result	7

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

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Report No. first document

Stuttgart, March 3, 2022
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, 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.

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