



Fraunhofer

TESTED[®] DEVICE

BUCK D.O.O.
CLEAN ROOM CLA - 1015184
Report No. BU 1702-879

Particle Emission

Qualification Certificate

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

BUCK D.O.O.
Belgrade, Serbia

has been awarded a Fraunhofer certificate TESTED DEVICE
bearing the report number BU 1702-879.

When operated under the specified test conditions, the lighting
system CLEAN ROOM CLA 1195x295 mm, 220-240V, 50-60 Hz,
44 W, 5500lm, LED, IP65 (color: white) is suitable for use in clean-
rooms fulfilling the specifications of the following Air Cleanliness
Class according to ISO 14644-1:

| Test parameter(s) | Air Cleanliness Class |
|---|--------------------------|
| Structure-borne noise = approx. 5 to 50Hz | 1 |
| Overall result | 1 |

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.

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

Stuttgart, April 10, 2017

Place, date of first document issued

Place, current date

on behalf of

Frank Burger, Project manager Fraunhofer IPA

The validity of this certificate
applies only to the mentioned
product in this particular
condition for a duration of
5 years.

Further information:

www.tested-device.com