



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

EAE Lighting  
BLOOM V3 IP65  
Report No. EA 2011-1186

### Single product Particle Emission

### Qualification Certificate

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

**EAE Lighting**  
Kocaeli, Turkey

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number EA 2011-1186.

The BLOOM V3 IP65, Recessed Mounted 60x60cm 36 W LED Luminaire (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 Class according to ISO 14644-1:

Test parameter(s)	Air Cleanliness Class
Structure-borne noise = approx. 5 to 50Hz	2
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

EA 2011-1186  
Report No. first document

Stuttgart, February 8, 2021  
Place, date of first document issued

--  
Report No. current document

--  
Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

DUPLICATE

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.