



ZAKŁAD JAKOŚCI ŻYWNOŚCI

92-202 Łódź, Al. Marszałka J. Piłsudskiego 84  
tel. (+48 42) 636 92 11, (+48 42) 636 55 72, (+48 42) 674 64 14 wew. 320, fax (+48 42) 674 81 24  
zj@ibprs.pl

NIP: 525-000-82-64 REGON: 000053835-00026

Instytut Biotechnologii Przemysłu Rolno-Spożywczego  
im. prof. Wacława Dąbrowskiego

02 - 532 Warszawa, ul. Rakowiecka 36  
NIP 525-000-82-64 REGON 000053835

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Łódź, 10-06-2020

Certificate of Analysis Nr K/215/01/2020

**Subject of analysis:** Flow UVC lamp type PURELIGHT LUG FLOW (wall lamp) HF 2x30W/G13  
87 m<sup>3</sup>/h

**Customer:** LUG Light Factory Sp. z o.o.  
ul. Gorzowska 11, 65-127 Zielona Góra

The sample for testing was delivered by the Customer: 21-05-2020  
The tests began: 02-06-2020  
The tests finished: 07-06-2020

Type of analysis	Method	Results	
Microbial parameters			
Testing of the level of air pollution during the operation of the lamp in a room of 25 m <sup>2</sup> and 2.90 m height	Own methodology using a microbiological air sampler MAS-100 ECO™ Manual MAS-100 Eco™	*[cfu/1 m <sup>3</sup> ]	Reduction level
- total viable count of microorganisms at time 0		1778	-
- total viable count of microorganisms after 2 hours		656	R <sub>2h</sub> = 63%
- total viable count of microorganism after 6 hours		335	R <sub>6h</sub> = 81 %
- total viable count microorganisms after 20 hours		23	R <sub>20h</sub> = 99%
- number of yeasts and molds at time 0		41	-
- number of yeasts and molds after 2 hours		36	R <sub>2h</sub> = 12%
- number of yeasts and molds after 6 hours		17	R <sub>6h</sub> = 59%
- number of yeasts and molds after 20 hours		5	R <sub>20h</sub> = 88%

\* The results are the average number of microorganisms from the measurements (sample of the air taken at the inlet and outlet of the lamp)

Authorized:

KIEROWNIK  
Pracowni Mikrobiologii  
*Anna Szosland-Fałty*  
dr inż. Anna Szosland-Fałty  
Adiunkt

Accepted:

KIEROWNIK ZAKŁADU  
JAKOŚCI ŻYWNOŚCI  
*dr Beata Bartodziejska*  
dr Beata Bartodziejska