

GIFAS ELECTRIC GmbH

# LED floodlight AlphaLUXX Agrar

Resistance to Ammonia



**GIFAS  
ALPHALUXX AGRAR**

✓ **Ammonia resistance**

DLG Certificate 7592

## Overview

A test mark “DLG-APPROVED for individual criteria” is awarded for agricultural products which have successfully fulfilled a scope-reduced usability testing conducted by DLG according to independent and recognized evaluation criteria. The test is intended to highlight particular innovations and key criteria of the test object. The test may contain criteria from the DLG test scope for overall tests, or focus on other value-determining characteristics and properties of the test subject. The minimum requirements, test conditions and procedures as well as the evaluation bases of the test results will be specified in consultation with an expert group of DLG. They correspond to the recognized rules of technology, as well as scientific and agricultural knowledge and requirements. The successful testing is concluded with the publication of a test report, as well as the awarding of the test mark which is valid for five years from the date of awarding.



The ammonia resistance test was performed as a laboratory test according to the patented DLG test standard. This test is intended to determine the suitability of equipment for animal living areas to withstand the impact of animal environments. Other criteria have not been assessed.

## Assessment in brief

The LED floodlight “AlphaLUXX Agrar” from GIFAS ELECTRIC GmbH passed the ammonia resistance test with a preservation of luminous flux of 87.9%. The version with 138 W was tested. Excerpts from the associated DLG test frame can be found at: [https://www.dlg-testservice.com/leadadmin/Redaktion/downloads/landwirtschaft/flyer/DLG-Pruefrahmen\\_Leuchtsysteme\\_in\\_Staellen\\_en.pdf](https://www.dlg-testservice.com/leadadmin/Redaktion/downloads/landwirtschaft/flyer/DLG-Pruefrahmen_Leuchtsysteme_in_Staellen_en.pdf)

DLG QUALITY PROFILE	Evaluation*
Ammonia resistance	✓

\* Evaluation range: Requirements fulfilled (✓) / Requirements not fulfilled (✗)

## Manufacturer and product information

### Manufacturer and applicant

GIFAS ELECTRIC GmbH, Borsigstr. 9, 41469 Neuss, Germany

### Technical data (Manufacturer information)

LED floodlight “AlphaLUXX Agrar”	
Rated input power	138 W
Length x Width x Height	389 mm x 252 mm x 178 mm
Material	housing: die-cast aluminium; cover: PC

Internal test code DLG: 2511-0037

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