

Albert Kerbl GmbH

LED High Bay HiLED Premium Farmer

Resistance to Ammonia



KERBL
HILED

✓ Resistance to ammonia

DLG Test Report 7537

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 High Bay “HiLED Premium Farmer” passed the ammonia resistance test with a preservation of the luminous flux of 87.5 %. The HiLED Premium Farmer with 100 W and 240 W were tested. Excerpts from the associated DLG test frame can be found at: https://www.dlg-testservice.com/fileadmin/Redaktion/downloads/landwirtschaft/flyer/DLG-Pruefrahmen_Leuchtsysteme_in_Staellen_en.pdf

DLG QUALITY PROFILE	Evaluation*
Ammonia resistance	■ ■ ■ ■ □
Preservation of the luminous flux	■ ■ ■ ■ □

* The DLG test framework provides the following options in its evaluation schemes: ■ ■ ■ or better = meets, exceeds or clearly exceeds the specified DLG standard, ■ ■ = meets the legal requirements for marketability, ■ = failed

Manufacturer and product information

Manufacturer and applicant

Albert Kerbl GmbH, Felizenzell 9, 84428 Buchbach, Germany

Technical data**

	HiLED Premium Farmer			
	Art. No. 345910	Art. No. 345911	Art. No. 345912	Art. No. 345913
Rated input power	100 W	150 W	200 W	240 W
Height x diameter	149 mm x 253 mm	155 mm x 308 mm	160 mm x 354 mm	160 mm x 405 mm
Material	housing: aluminium; diffusor: glass			

** manufacturer information



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