

**PATURA KG**

# **Flex-LED Premium-Line**

Resistance to Ammonia, Cleaning distance, Flickerfree,  
Approved luminous efficiency



**PATURA  
FLEX-LED PREMIUM-LINE**

- ✓ Resistance to ammonia
- ✓ Cleaning distance
- ✓ Flicker free
- ✓ Approved luminous efficiency

DLG Test Report 7550

## 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.



### PATURA FLEX-LED PREMIUM-LINE

- ✓ Resistance to ammonia
- ✓ Cleaning distance
- ✓ Flicker free
- ✓ Approved luminous efficiency

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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. The cleaning distance test assesses the suitability for cleaning animal living areas. In the Flicker-free test frequencies and modulation depth is measured. The approved luminous efficiency test gives an indication how efficient a luminaire is. Other criteria have not been assessed.

## Assessment in brief

The “Flex-LED Premium-Line” passed the ammonia resistance test, the cleaning distance test, the flicker-free test and the approved luminous efficiency test. The 150 W and 400 W version was 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](https://www.dlg-testservice.com/fileadmin/Redaktion/downloads/landwirtschaft/flyer/DLG-Pruefrahmen_Leuchtsysteme_in_Staellen_en.pdf)

DLG QUALITY PROFILE	Evaluation*
Resistance to Ammonia	✓
Preservation of the luminous flux	✓
Cleaning distance	✓
Flicker free	✓
Approved luminous efficiency	✓

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

## Manufacturer and product information

### Manufacturer and applicant

PATURA KG, Mainblick 1, 63925 Laudenbach, Germany

### Technical data (manufacturer information)

LED Floodlight “Flex-LED Premium-Line”			
	Art. No. 510210	Art. No. 510220	Art. No. 510230
Rated input power	150 W	300 W	400 W
Length x width x height	291 mm x 378 mm x 129 mm	421 mm x 378 mm x 129 mm	551 mm x 378 mm x 129 mm
Material	housing: aluminium; diffusor: glass		



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