

Title: Thinlite 343.106: Summary of environmental tests

Std: Hella-Norm N67001 req. class 3 (IP6K9K)

Result: Complies

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This report includes research and test results of product stated above. Tests are carried out in controlled circumstances according to the standards mentioned, if not otherwise mentioned. The results reported in this report concerns only the tested samples. This document contains proprietary information that shall not be transmitted to any third party without written consent by or behalf of laboratory of Hella lighting Finland Oy. The same applies to file copying, wholly or partially.



Test:	Std.:	Test report no.:	Results / Notes:
Protection against dust (IP6KX)	DIN 40050-9	RD0224/10/2003	Complies
Protection against water; oscillating tube ( IPX4K )	Hella-Norm N67007-01	RD0225/10/2003	Complies
Protection against water; high pressure spraying ( IPX9K)	DIN 40050-9	RD0226/10/2003	Complies
High temperature resistance, appliance in operation	Hella-Norm N67009-02	RD0227/10/2003	Complies
High and low temperature resistance, appliance not in operation	Hella-Norm N67011-03	RD0228/10/2003	Complies
Vibration resistance	SAE J575e	RD0229/10/2003	Complies Extra: the test duration of 1 h was increased with 2 more hours without any damages
Resistance against automotive fuel	Hella-Norm N67016-01	RD0230/10/2003	Complies
Corrosion resistance, salt spray ( fog ) test	DIN 50021-144 h-SS	RD0231/10/2003	Complies

Number of test samples: 2 pieces per each test

Date:

30 October, 2003

Place:

Hella Lighting Finland Oy

Report approved by:

Timo Birling

Laboratory manager

Checked by: