

EMC REPORT

No. 1906390STO-001, Ed. 1

Electromagnetic disturbances

EQUIPMENT UNDER TEST

Equipment: Surface-mounted luminaire with LED
Type/Model: T1903 Nävlinge
Manufacturer: IKEA of Sweden AB
Tested by request of: IKEA of Sweden AB

SUMMARY

The equipment is evaluated to comply with the requirements according to the following standards.

FCC 47 CFR Part 15: Radio frequency device, Subpart B: Unintentional radiators. Class B equipment.

ICES-005 Issue 4: Lighting Equipment, Class B

ICES-005 Issue 5: Lighting Equipment, Class B

Date of issue: September 11, 2019

Tested by:


Ann-Christine Norrström

Approved by:


Per Granberg

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Revision History

Edition	Date	Description	Changes
1	2019-09-11	First release	

Reference type/model

Test report no.	1812503STO-001, Ed. 2
Test performed by:	Intertek Semko AB Torshamnsgatan 43, Box 1103, SE-164 22 Kista Sweden
Standards:	FCC 47 CFR Part 15: 2015, Subpart B ICES-005 Issue 5: Lightning Equipment, Class B
Equipment:	LED Module
Type / model:	LED1803E13
Brand name:	IKEA
Manufacturer:	IKEA of Sweden AB Box 702 SE-343 81 Älmhult Sweden
Rating	120 V AC, 60 Hz, 11 W
Class	-
Highest clock frequency:	< 108 MHz
Transmitting frequency:	-

Opinions and interpretation

This test report covers alternative types, presumed to have the same EMC-characteristics as the above tested reference type.

According to the manufacturer, the alternative type is identical to the tested type except for the following difference: the tested LED Module is provided a housing and have a new type designation.

The differences are considered not to imply different EMC-characteristics when compared to the tested type. Therefore, this type is not tested, but considered to have the same EMC-characteristics as the tested type.

Updated standard

The change of standard from ICES-005 Issue 4 to ICES-005 Issue 5 does not affect the measurements performed in this report. The tests performed according to ICES-005 Issue 4 fulfils the requirements of ICES-005 Issue 5.

 IKEA of Sweden AB, SE-343 81 Älmhult	 Intertek 3055080 LED1803E13 1000lm 11W 2700K AC120V/60Hz 102mA 90lm/W 19972 YYWW MADE IN CHINA CONFORMS TO ANSI/UL STD. 1993 CERTIFIED TO CSA STD. C22.2 NO.1993	CAUTION: RISK OF ELECTRIC SHOCK—USE IN DRY LOCATION ONLY. CAN ICES-005 (B) ATTENTION: RISQUE DE CHOC ÉLECTRIQUE—UTILISER DANS UN EMPLACEMENT SEC UNIQUEMENT. NMB-005 (B)
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Rating plate LED Module LED1803E13

 Intertek ??????? Type No. T1903 Nävlinge Made in	FCC ID: FHO-T1903 Conforms to:UL Std 1598 Certified to:CSA Std C22.2 No. 250.0 CAN ICES-005 (B) / NMB-005 (B) This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.	Sup. No.00000 
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Rating plate T1903 Nävlinge

Test set up and EUT photos

Test set up and EUT photos are enclosed in Annex 1 to this test report.