

EMC REPORT

No. 2019121STO-107

Electromagnetic disturbances

EQUIPMENT

Equipment: Surface-mounted luminaire with LED
Type/model: T2020 Nymåne
FCC ID: FHO-T2020
Manufacturer: IKEA of Sweden AB
Tested by request of: IKEA of Sweden AB,
Box 702, 343 81 Älmhult
SWEDEN

SUMMARY

This report is a supplement to the full EMC test report and should be read in conjunction with it, see reference report on page 3.

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

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

ICES-005 Issue 5: Lighting Equipment, Class B

Date of issue: October 20, 2020

Tested by:

Per Granberg

Approved by:

Anna Pogosian

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Revision History

Test report number	Date	Description	Changes
2019121STO-107	October 20, 2020	First release	

Reference type/model

Test report no. 1907679STO-001, Ed.2

Standards: FCC 47 CFR Part 15: Radio frequency devices, Subpart B: Unintentional radiators. Class B equipment. ICES-005 Issue 4: Lighting Equipment, Class B

Equipment : Self-ballasted LED-module

Type / model : LED1805E22

Brand name: IKEA

Manufacturer : IKEA of Sweden AB, Box 702, 343 81 Älmhult, SWEDEN

Rating: 120 V, 60 Hz, 25 W

Opinions and interpretations

This test report covers an alternative type/model, presumed to have the same emission-characteristics as the above mention tested reference type/model.

According to the manufacturer, the alternative type/model is identical to the tested type/model except for the following differences:

The ceiling luminaire, type T2020 Nymåne comprises of the LED-module, type LED1805E22 and a lampshade. The only electric/electronic part is the separately EMC tested LED-module.

Adding the lampshade to the LED-module is considered not to imply a deterioration of the emission-characteristics when compared to the EMC tested LED-module. Therefore, the luminaire, type T2020 Nymåne is not tested but deemed fulfil the requirements based on the emission testing of LED-module, type LED1805E22.

Updated standards

The update of standard ICES-005 Issue 4 to ICES-005 Issue 5 does not affect the measurements performed. The luminaire T2020 Nymåne is therefore deemed to fulfil ICES-005 Issue 5.

Rating plate of T2020 Nymåne

 <p>Intertek</p> <p>???????</p> <p>Type No. T2020</p> <p>Nymåne</p> <p>Made in</p>	<p>FCC ID: FHO-T2020 Contains FCC ID: FHO-ICCA1 Contains IC ID : 10912A-ICCA1</p> <p>Conforms to:UL Std 1598 Certified to:CSA Std C22.2 No. 250.0 CAN ICES-005 (B) / NMB-005 (B)</p> <p>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.</p>	<p>Sup. No.00000</p> 
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TYP T2020 NA Version 1

Photos of T2020 Nymåne are enclosed in 2019121STO-108 Annex 1.