

# EMC REPORT

No. 1914673STO-001, Ed. 4

## Electromagnetic disturbances

### EQUIPMENT

Equipment: Surface-mounted luminaire with LED  
Type/Model: T2011 Osvalla  
Manufacturer: IKEA of Sweden AB  
Tested by request of: IKEA of Sweden AB  
Box 702  
SE-343 81 Älmhult  
Sweden

### 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 5: Lighting Equipment, Class B. (2018)

Date of issue: September 02, 2020

Tested by:

  
Ann-Christine Norrström

Approved by:

  
Per Granberg

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**Revision History**

<b>Edition</b>	<b>Date</b>	<b>Description</b>	<b>Changes</b>
<b>1</b>	December 4, 2019	<b>First release</b>	
<b>2</b>	February 11, 2020	<b>Second release</b>	New version of rating plate
<b>3</b>	July 06, 2020	<b>Third release</b>	The report was updated according to order no. 2022121  Addition of test setup photos in annex 1
<b>4</b>	September 02, 2020	<b>Fourth release</b>	The report was updated according to order no. 2022121  Editorial change in test report

**Reference type/model**

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

Standards: FCC 47 CFR Part 15: Radio frequency device, Subpart B: Unintentional radiators.  
ICES-005 Issue 4: 2015: Lighting Equipment, Class B

Equipment: Self-ballasted LED-lamp

Type / model : LED1805E22

Brand name: IKEA

Manufacturer : IKEA of Sweden AB

Rating: 120 V AC, 60 Hz, max 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 luminaire T2011 Osvalla comprises of the LED module, type LED1805E22 and a lampshade, the only electric/electronic part is the separately emission tested module LED1805E22.

Adding the lampshade is considered not to imply different emission-characteristics when compared to the tested LED module LED1805E22. Therefore, T2011 Osvalla is not tested, but considered to have the same emission-characteristics as the tested LED module LED1805E22.

  
**Intertek**  
 ???????  
 Type No. T2011  
 Osvalla  
 Made in

FCC ID: FHO-T2011  
 Contains FCC ID: FHO-ICCA1  
 Contains IC ID : 10912A-ICCA1

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



TYP T2011 NA Version 1

**Rating plate T2011 Osvalla**

**EUT photos are enclosed in Annex 1 to this report.**

**Updated standards**

The update/change of standard ICES-005 Issue 4 to ICES-005 Issue 5 does not affect the measurements performed. The luminaire T2011 Osvalla is therefore deemed to fulfil ICES-005 Issue 5.