

CERTIFICATE

KEMA No.: 2118369.02



Issued to:

Applicant:

ABB B.V.

Frankeneng 15

6716 AA, EDE, The Netherlands

Manufacturer/Licensee:

ABB B.V.

Frankeneng 15

6716 AA, EDE, The Netherlands

Products : luminaires with LEDs
Trade name : ABB-HAFOBOX
Type : LA SERIES

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

KEMA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 60598-1:2004; EN 60598-2-2:1996
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 900017

KEMA hereby grants the right to use the KEMA-KEUR certification mark.

The KEMA-KEUR certification mark may be applied to the product as specified in this certificate for the duration of the KEMA-KEUR certification agreement and under the conditions of the KEMA-KEUR certification agreement.

This certificate is issued on: September 10, 2009 and expires upon withdrawal of one of the above mentioned standards.

KEMA Quality B.V.

drs. G.J. Zoetbrood
Managing Director

H.J. Brouwer
Certification Manager

ACCREDITED BY
THE DUTCH COUNCIL
FOR ACCREDITATION



© Integral publication of this certificate is allowed

SPECIFICATION OF THE CERTIFIED PRODUCT**Product data**

Products	:	luminaires with LEDs
trade name	:	ABB-HAFOBOX
type	:	LA-**
voltage	:	220-240 V
frequency	:	50/60 Hz
class	:	II
degree of protection	:	IP20
description	:	luminaire for building in

Additional information

- With F marking
- The luminaire can be only used for building-in
- The luminaire can be used only with GU10 LED bulb with a maximum of 4 W

TESTS**Test requirements**

EN 60598-1:2004 + A1:2006
EN 60598-2-2:1996

Test result(s)

The test results are laid down in KEMA test file 2118369.01.

Remarks

This certificate supersedes the certificate no. 2118369.01 issued July 16, 2009

Conclusion

The examination proved that all test requirements were met.

Tested by : P.G.J. Wouters 

Checked by : T. Drost 

Factory locations

MGC Limited,
1 Yinlinxi Street, Longxi Av., FANGCUN,LIWAN,GUANGZHOU, China

ABB B.V.,
Frankeneng 15, 6716 AA, EDE, The Netherlands

List of components

Component	trade name	type/model	approval mark ¹⁾
lampholder	Vossloh-Schwabe	310	ENEC
Internal wiring	various	1.5 mm ²	*

¹⁾ * indicates a component tested as part of the appliance