



IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Name and address of the applicant

Name and address of the manufacturer

Name and address of the factory

Note: When more than one factory, please report on page 2

Ratings and principal characteristics

Trademark (if any)

Model / Type Ref.

Customer's Testing Facility (CTF) Stage used

Additional information (if necessary may also be reported on page 2)

A sample of the product was tested and found to be in conformity with

As shown in the Test Report Ref. No. which forms part of this Certificate

Electronic controlgear for LED module

Helvar Oy Ab Keilaranta 5 FI-02150 Espoo Finland

Same as applicant

See page 3

Additional Information on page 2

See page 2

HELVAR

LL35HE-CC-120-450, LL65HE-CC-250-700, LL65HE-CC-175/250/350

□ Additional Information on page 2

IEC 61347-2-13:2014

IEC 61347-2-13:2014/AMD1:2016

IEC 61347-1:2015

IEC 62384:2006

IEC 62384:2006/AMD1:2009

National Differences:

FI, EU Group Differences

291039-1A, 291039-1A Amendment-1, 291039-1B, 291039-1B Amendment-1

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd. Särkiniementie 3 FI-00210 Helsinki, Finland

Date: 2019-04-17 Signal

Signature:

Peter Fagerstedt Certification Manager SGS Fimko Ltd.



Ratings and principal characteristics:

LL35HE-CC-120-450:

220-240 V; 0/50-60 Hz; I-LED / U-LED / Prated: 120 mA / 70...220 V / 26,4 W or 450 mA / 50...78 V / 35,1 W; λ 0,98; U-OUT: 250 V; ta: -25...+50 °C; tc: 80 °C; EL

LL65HE-CC-250-700:

220-240 V; 0/50-60 Hz; I-LED / U-LED / Prated: 250 mA / 90...220 V / 55 W or 700 mA / 50...93 V / 65 W; λ 0,98; U-OUT: 250 V; ta: -25...+50 °C; tc: 75 °C; EL

LL65HE-CC-175/250/350:

220-240 V; 0/50-60 Hz; I-LED / U-LED / Prated: 175 mA / 115...220 V / 38,5 W or 250 mA / 90...220 V / 55 W or 350 mA / 65...186 V / 65 W; λ 0,98; U-OUT: 250 V; ta: -25...+50 °C; tc: 75 °C; EL

Additional information:

This certificate replaces earlier certificate CB FI 37580, dated 29 May 2018, due to addition of new model and update of the factories.

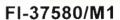
SGS Fimko Ltd. Särkiniementie 3 FI-00210 Helsinki, Finland

SGS Fimko Ltd.

Date: 2019-04-17

Signature:

Peter Fagerstedt Certification Manager





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Name	and	address	of the	factories:

1. Helvar Oy Ab Yrittäjäntie 23 FI-03600 Karkkila Finland

SGS Fimko Ltd. Särkiniementie 3 FI-00210 Helsinki, Finland

SGS Fimko Ltd.

Date: 2019-04-17

Signature:

Peter Fagerstedt Certification Manager