

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

CB TEST CERTIFICATE

Product	Electronic controlgear for LED module
Name and address of the applicant	Helvar Oy Ab Keilaranta 5 FI-02150 Espoo Finland
Name and address of the manufacturer	Same as applicant
Name and address of the factory	See page 3 <input checked="" type="checkbox"/> Additional Information on page 2
Note: When more than one factory, please report on page 2	
Ratings and principal characteristics	See page 2
Trademark (if any)	HELVAR
Customer's Testing Facility (CTF) Stage used	-
Model / Type Ref.	LL35HE-CC-120-450, LL65HE-CC-250-700, LL65HE-CC-175/250/350
Additional information (if necessary may also be reported on page 2)	<input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	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
As shown in the Test Report Ref. No. which forms part of this Certificate	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

SGS
SGS Fimko Ltd.

Date: 2019-04-17

Signature:

Peter Fagerstedt
Certification Manager

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.

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Name and address of the factories:

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

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

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Signature:



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