

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

Product

Electronic controlgear for LED modules, controllable

Name and address of the applicant

Helvar Oy Ab
Keilaranta 5
FI-02150 Espoo
Finland

Name and address of the manufacturer

Helvar Oy Ab
Keilaranta 5
FI-02150 Espoo
Finland

Name and address of the factory

See page 3

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

Ratings and principal characteristics

☒ Additional Information on page 2

Trademark (if any)

See page 2

Customer's Testing Facility (CTF) Stage used

TCI

Model / Type Ref.

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R-LED 80/700 DALI SLIM
R-LED 110/700 DALI SLIM
R-LED 150/700 DALI SLIM
R-LED 42/350 DALI SLIM
R-LED 80/350 DALI SLIM

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

☒ 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

National Differences:

FI, EU Group Differences

289530-1A, 289530-1A Amendment-1, 289530-1A
Amendment-2, 289530-1B, 289530-1B Amendment-1

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

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: 2019-04-11

Signature:


Joonas Leinonen
Specialist

Ratings and principal characteristics:**R-LED 80/700 DALI SLIM:**

220-240 V; 0/50-60 Hz; Iout/Vout: 350 mA / 50...220 V or 700 mA / 35...114 V; λ 0,98;
U-OUT: 250 V; Prated: 80 W; ta: -20...+50 °C; tc: 75 °C; EL-marked

R-LED 110/700 DALI SLIM:

220-240 V; 0/50-60 Hz; Iout/Vout: 350 mA / 120...314 V or 700 mA / 50...157 V; λ 0,98;
U-OUT: 400 V; Prated: 110 W; ta: -25...+50 °C; tc: 75 °C

R-LED 150/700 DALI SLIM:

220-240 V; 0/50-60 Hz; Iout/Vout: 350 mA / 257...350 V or 700 mA / 128...214 V; λ 0,98;
U-OUT: 400 V; Prated: 150 W; ta: -25...+50 °C; tc: 80 °C

R-LED 42/350 DALI SLIM:

220-240 V; 0/50-60 Hz; Iout/Vout: 120 mA / 80...220 V or 350 mA / 50...120 V; λ 0,98;
U-OUT: 250 V; Prated: 42 W; ta: -25...+50 °C; tc: 75 °C

R-LED 80/350 DALI SLIM:

220-240 V; 0/50-60 Hz; Iout/Vout: 150 mA / 150...350 V or 350 mA / 64...228 V; U-OUT 400 V;
Prated 80 W; λ 0,98; tc +75 °C; ta -25...+50 °C; EL-marked

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FI-00210 Helsinki, Finland

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Name and address of the factories:

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

2. Delta Electronics (Wuhu) Ltd.
No.138, Jiuhua North Road
Longshan Street, Economic Technical Development Area
Wuhu, 241009, Anhui
China

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

Date: 2019-04-11

Signature:



Joonas Leinonen
Specialist



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