

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

## CB TEST CERTIFICATE

Product

LED Driver

Name and address of the applicant

Helvar Oy Ab  
Yrittäjätie 23, FI-03600  
Karkkila  
Finland

Name and address of the manufacturer

Helvar Oy Ab  
Yrittäjätie 23, FI-03600  
Karkkila  
Finland

Name and address of the factory

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

 Additional information on page 2

Ratings and principal characteristics

PRI: LV supply: max. 0.46 A, 220-240 V~, 50/60 Hz,  
PF: 0.50C-0.99 (for model LC27MINI-DA-150-700);  
PF: 0.81C-0.95 (for model LC44MINI-DA-700-1050);  
PF: 0.61C-0.99 (for model LC60DS-DA-700-1400)Centralized emergency power supply: 198-254 Vdc  
SEC:LC27MINI-DA-150-700: Max. 26.3 W, 0.15-0.7 A,  
9-52 Vd.c. (under load), max. 60 Vd.c. (no-load)LC44MINI-DA-700-1050: Max. 44.1 W, 0.7-1.05 A,  
9-52 Vd.c. (under load), max. 60 Vd.c. (no-load)LC60DS-DA-700-1400: Max. 60.2 W, 0.7-1.4 A,  
9-52 Vd.c. (under load), max. 60 Vd.c. (no-load)

Independent type with terminal cover incl. strain relief, Cl. II

Trademark (if any)



Type of Manufacturer's Testing Laboratories used

Model / Type Ref.

LC27MINI-DA-150-700, LC44MINI-DA-700-1050, LC60DS-DA-700-1400

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

Built-in type without terminal cover, EOFI: 15%

SELV, constant current output, thermal protected 110 °C, ta: -20 - +45 °C/  
+50 °C, tc: 80 °C / 85 °C / 90 °C 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 61347-1:2015/AMD1:2017

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

472998

This CB Test Certificate is issued by the National Certification Body

Philip Pedersens vei 11,  
NO-1366 Lysaker, Norway

Date: 29-09-2022

Signature: Okhyun Jeon  
Certification Department



Philip Pedersens vei 11,  
NO-1366 Lysaker, Norway

Date: 29-09-2022

A handwritten signature in blue ink that reads "Okhyun Jeon".

Signature: Okhyun Jeon  
Certification Department