



ENEC

NO5058



Nemko hereby grants the following manufacturer license to affix the above shown ENEC mark on the product(s) specified below

**Applicant** HELVAR OY AB  
Yrittajantie 23, 03600 Karkkila  
Finland

**Manufacturer** HELVAR OY AB  
Yrittajantie 23, 03600 Karkkila  
Finland

**Factory** See next page

**Project Number** PRJ0043670

**Product** Constant Voltage LED Driver

**Model/Type Ref.** LL45-CV24-DA, LL80-CV24-DA, LL150-CV24-DA

**Ratings** PRI: max. 1.0 A, 220-240 V~, 50/60 Hz

**Brandname / TradeMark**

**Helvar**

**Principal Characteristics** Centralized emergency power supply:  
176-280 V dc (for models LL45-CV24-DA and LL80-CV24-DA),  
198-280 V dc (for model LL150-CV24-DA)

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

**Safety**

EN 61347-1:2015;A1  
EN 61347-2-13:2014;A1  
EN IEC 62384:2020

**Test report No** REP018549, REP018550

*The conditions for this licence are that the ENEC-marked products conform with the applicable Standard(s) as stated in the test report and that Articles 8 and 9 of the ENEC Agreement are fulfilled by the manufacturer. The mark signifies the compliance of the completed products with these conditions. Further information is given in the attached Annex, which forms an obligatory part of this licence document. This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regards to the production presented for the testing and certification*

**Compliance**

**Additional Information**

SEC: Max. 150.0 W, max. 6.25 A, 24.0 Vd.c. (under load), EOFv: 15%

Independent type, Class II, SELV, constant voltage output,  
thermal protected 110 °C, ta: -20 °C to 45 °C / -20 °C to 50 °C, tc: 85 °C.

**Additional model(s)**

No additional models

**Signature**

Jiyea Gim

Jiyea Gim

Certification department

2023-11-29

**Date of Issue**

Nemko Group AS  
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[www.nemko.com](http://www.nemko.com)



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Factories

Signature

Jiyea Gim

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Jiyea Gim  
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