

We declare under our sole responsibility that the following products:

Constant current / voltage converters for LED lighting in the following product ranges:

- LL-CC
- LL-CV
- LL-DA
- LL-Active+
- LC-CC
- LC-DA
- LC-AN
- LC-Active+
- OL-CC
- OL-CV

Product types within product ranges are listed in Annex A of this declaration.

Are, where applicable, in conformity with the essential requirements of the following European directives and harmonized standards:**Low Voltage Directive 2014/35/EU**

- EN 61347-1:2008 + A1:2011 + A2:2013 / EN 61347-1:2015
- EN 61347-2-13:2006 / EN 61347-2-13:2014 / EN 61347-2-13:2014 + FprA1:2016
- EN 60598-1:2008 + A11:2009
- EN 62493:2010

EMC Directive 2014/30/EU

- EN 55015:2013 / EN 55015:2013 + A1:2015
- EN 61547:2009
- EN 61000-3-2:2006 + A1:2009 + A2:2009 / EN 61000-3-2:2014
- EN 61000-3-3:2013

Eco-design Directive 2009/125/EC

- Eco-design Regulation 1194/2012

RoHS directive 2011/65/EC

- EN 50581:2012

This declaration is valid provided the products are installed and used in accordance with the manufacturer's recommendations and instructions.

On behalf of Helvar Oy Ab
Karkkila, 4th October 2017



Esa Ojala
Head of Quality

Annex A

Product Types within Product Range LL-CC:

| | | | |
|---------------------|---------------------|----------------------|----------------------|
| LL6-U-CC | LL1x12-E-CC-700 | LL1x12-E-CC-350 | LL1x15-E-CC-500 |
| LL1x20-E-CC-500 | LL1x20-E-CC-700 | LL1x20-E-CC-350 | LL1x20-E-CC |
| LL1x26-CC | LL1x30-E-CC-700 | LL1x30-E-CC-350 | LL1x38-CC |
| LL1x40-E-CC | LL1x42-E-CC-350 | LL1x10-42-E-CC | LL1x50-E-CC-700-1050 |
| LL2x25-E-CC | LL1x50-E-CC | LL2x35-E-CC | LL1x70-E-CC |
| LL1x80-E-CC-350-700 | LL1x23-80-E-CC | LL1x110-E-CC-200-350 | LL1x110-E-CC-350-700 |
| LL1x150-E-CC | LL1x80-CC-1400-2100 | LL1x38-CC-350 | |

Product Types within Product Range LL-CV:

| | | | |
|---------------|---------------|-----------|---------------|
| LL1x30-E-CV24 | LL1x75-E-CV24 | LL1-CV-DA | LL1x30-E-CV12 |
| LL1x75-E-CV12 | LL1x120-CV24 | | |

Product Types within Product Range LL-DA:

| | | | |
|----------------|----------------|---------------------|----------------------|
| LL1x20-E-DA | LL35/2-E-DA-iC | LL1x40-E-DA-350-700 | LL1x40-E-DA-700-1050 |
| LL1x10-42-E-DA | LL1x50-E-DA | LL60/2-E-DA-iC | LL2x35-E-DA |
| LL1x70-E-DA | LL1x23-80-DA | LL1x80-DA-350-700 | LL1x110-E-DA |
| LL1x80-CR-DA | LL1x150-CR-DA | | |

Product Types within Product Range LL-Active+:

| | | | |
|-------------------|----------------|-----------------|------------------------|
| LL1x10-42 Active+ | LL1x50 Active+ | LL1x110 Active+ | LL1x80-350-700 Active+ |
| LL1x23-80 Active+ | | | |

Product Types within Product Range LC-CC:

| | | | |
|---------------|---------------|-------------------------|----------------------|
| LC1x25-CC | LC1x30-E-CC | LC1x35-CC | LC1x50-E-CC-700-1050 |
| LC1x50-E-CC | LC1x70-E-CC | LC1x50-E-CC-700-1050-SR | LC1x14-CC-350 |
| LC1x20-CC-500 | LC1x30-CC-700 | LC1x40-CC-1050 | |

Product Types within Product Range LC-DA:

| | | | |
|-------------|--------------|-----------------|-------------|
| LC1x25-DA | LC1x30-E-DA | LC1x35-DA | LC1x50-E-DA |
| LC1x70-E-DA | LC35/2-DA-iC | LC35/2-DA-iC HF | |

Product Types within Product Range LC-AN:

| | | | |
|-------------|-----------|--|--|
| LC1x30-E-AN | LC1x28-AN | | |
|-------------|-----------|--|--|

Product Types within Product Range LC-Active+:

| | | | |
|----------------|----------------|----------------|--|
| LC1x50 Active+ | LC1x25 Active+ | LC1x35 Active+ | |
|----------------|----------------|----------------|--|

Product Types within Product Range OL-CC:

| | | | |
|----------------|---------------|---------------|----------------|
| OL1x60-E-CC | OL1x100-E-CC1 | OL1x100-E-CC2 | OL1x50-CC-1050 |
| OL1x50-CC-1400 | | | |

Product Types within Product Range OL-CV:

| | | | |
|---------------|---------------|--|--|
| OL1x30-E-CV24 | OL1x75-E-CV24 | | |
|---------------|---------------|--|--|