

**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		
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### Product Types within Product Range LC-Active+:

LC1x50 Active+	LC1x25 Active+	LC1x35 Active+	
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### 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		
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