

CERTIFICATE ENEC/FI 2016067



Our Ref. 284474-1

Product	Electronic control gear for LED module
Rating and principal characteristics	See page 2
Trade mark (if any)	Helvar
Type	LL2x35-E-CC, LL2x35-E-DA, LL2x35-E-DA-iC, LL60/2-E-DA-iC, LL35/2-E-DA-iC, LL60/2-E-DA Dynamic
Name and address of the licensee	Helvar Oy Ab Keilaranta 5 FI-02150 ESPOO, FINLAND
Address of the manufacturer	Helvar Oy Ab Keilaranta 5 FI-02150 ESPOO, FINLAND
Is in conformity with	EN 61347-2-13:2006 EN 61347-1:2008 + A1:2011 + A2:2013 EN 62384:2006 + A1:2009
As shown in the Test Report(s) No(s)	269984-3_A, 269984-4_A, 269984-4_A Amendment-1, 269984-4_A Amendment-2 269984-4_A Amendment-3, 280951-1 284474-1A, 284474-1B
It is authorized to use of the marks	ENEC 16 and FI
Validity	This certificate is valid until 21 October 2021 provided that the Conditions for ENEC and FI certification are met. This certificate includes the right to use the ENEC 16 and FI mark under the condition that product changes (if any) will be approved at SGS Fimko before the product is brought onto market.
Directive information	The certified product(s) fulfils requirements of above mentioned standard(s) which are harmonised under the Low Voltage Directive (2014/35/EU) at the date of issue of the certificate.
With the following limitations	-
Date of issue	21 October 2016
Signature	SGS Fimko Ltd Peter Fagerstedt Certification Manager



This certificate has 3 pages



This certificate is issued by the company under its General Conditions for Certification Services accessible at <http://www.sgs.fi/en/Terms-and-Conditions.aspx>. Attention is drawn to the limitations of liability defined therein and in the Test Report here above mentioned which findings are reflected in this certificate. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Rating and principal characteristics

LL2x35-E-CC, LL2x35-E-DA, LL2x35-E-DA-iC:
220-240VAC; 50/60Hz; Constant current 350mA/25...100V or
700mA/25...50V; tc +80°C;
 λ 0,98; P-OUTmax: 2x35W; U-OUTmax: 120V; ta: -20...+50°C

LL60/2-E-DA-iC, LL60/2-E-DA Dynamic:
220-240VAC; 50/60Hz; Constant current 350mA/25...100V or
700mA/25...85V; Controllable; tc +80°C;
 λ 0,98; P-OUTmax: 60W; U-OUTmax: 120V; ta: -20...+50°C

LL35/2-E-DA-iC:
220-240VAC; 50/60Hz; Constant current 350mA/25...100V or
700mA/25...50V; Controllable; tc +80°C;
 λ 0,98; P-OUTmax: 35W; U-OUTmax: 120V; ta: -20...+50°C

Additional information

This certificate replaces previous certificate ENEC/FI 2013044 A1,
dated 04 September 2015, due to change of components.



Page No.: 3 of Certificate No.: ENEC/FI 2016067

Manufacturing site(s)

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FI-03600 KARKKILA
FINLAND