CERTIFICATE ENEC/FI 2014060 M2

Our Ref. 281734

Product	Electronic control gear for LED module
Rating and principal characteristics	See page 2
Trade mark (if any)	Helvar
Type	LC1x50-E-CC, LC1x50-E-CC+LC1x70SR, LC1x50-E-CC-700-1050, LC1x50-E-CC Coated, LC1x50-E-CC Coated+LC1x70SR
Name and address of the licensee	Helvar Oy Ab PL 100 FI-03601 KARKKILA, FINLAND
Address of the manufacturer	Helvar Oy Ab Yrittäjäntie 23 FI-03600 KARKKILA, FINLAND
Is in conformity with	EN 61347-2-13:2006 EN 61347-1:2008 + A1:2011 + A2:2013 EN 62384:2006 + A1:2009 EN 62493:2010 clause 4.2 Induced current density
As shown in the Test Report(s) No(s)	276815-1_A, 276815-1_A Amendment-1...-2 276815-1_B, 276815-1_B Amendment-1...-2 280951-1
It is authorized to use of the marks	ENEC 16 and FI
Validity	This certificate is valid until 08 October 2017 unless the standard in question has been amended or superseded with significant changes in requirements, in which case, SGS Fimko has the right to shorten the validity of the certificate based on the legislation of the European Union. This certificate includes the right to use the ENEC 16 and FI mark under the condition that changes (if any) will be checked at SGS Fimko before the product is brought onto market and that the conditions for ENEC and FI certification are met.
Directive information	The product(s) fulfils the essential safety requirements for CE conformity marking according to the Low Voltage Directive (2006/95/EC) at the date of issue of this certificate.
With the following limitations	-
Date of issue	16 November 2015
Signature	**SGS Fimko Ltd** Pasi Orreveteläinen Team Leader

This certificate has 3 pages

Rating and principal characteristics

FINAS
Finnish Accreditation Service
S003 (EN ISO/IEC 17065)

LC1x50-E-CC, LC1x50-E-CC+LC1x70SR:
220-240VAC; 0/50-60Hz; Constant current 1050mA/20...48V or
1400mA/20...36V; tc +75°C; λ0,98; P-OUTmax: 50,4W;
U-OUTmax 60V; ta: -20...+50°C (built-in) / -20...+45°C (independent)

LC1x50-E-CC-700-1050:
220-240VAC; 0/50-60Hz; Constant current 700mA/30...48V or
1050mA/20...48V; tc +75°C; λ0,95; P-OUTmax: 50,4W;
U-OUTmax 60V; ta: -20...+50°C

LC1x50-E-CC Coated, LC1x50-E-CC Coated+LC1x70SR:
220-240VAC; 0/50-60Hz; Constant current 1050mA/20...48V or
1400mA/20...36V; tc +75°C; λ0,98; P-OUTmax: 50,4W;
U-OUTmax 60V; ta: -30...+50°C (built-in) / -30...+45°C (independent)

Additional information

This certificate replaces previous ENEC/FI certificate no. 2014060 A1, dated 04 September 2015. The certificate has been updated due to addition of models LC1x50-E-CC Coated and LC1x50-E-CC Coated+LC1x70SR. Model LC1x50-E-CC+LC1x70SR has been added, as it has been missing from the original certificate and its A1 and M1 versions.

POE