CERTIFICATE ENEC/FI 2016057

Our Ref. 278114-3

Product	Electronic ballast for tubular fluorescent lamps
Rating and principal characteristics	See page 2
Trade mark (if any)	HELVAR
Type	EL1x49iDim, EL1x54iDim, EL1x80iDim, EL1x24iDim, EL1x39iDim, EL1x55iDim, EL1x36iDim
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 61347-2-3:2011 EN 61347-1:2008 + A1:2011 + A2:2013 EN 60929:2011
As shown in the Test Report(s) No(s)	278114-3A, 278114-3B
It is authorized to use of the marks	ENEC 16 and FI
Validity	This certificate is valid until 18 August 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	18 August 2016
	SGS Fimko Ltd
Signature	Kari Vesterinen Product Line 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.

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Business ID 0978538-5 Member of the SGS Group (SGS SA)

Rating and principal characteristics

EL1x24iDim: 1 x FDH-24W-G5 (T5) / FSD-24W-2G11 (TC-L); 220-240V, 50-60Hz; 0,12-0,10A; λ 0,98; tc 75°C; U-out 400V

EL1x36iDim: 1 x FD-36W-G13 (T8) / FSD-36W-2G11 (TC-L); 220-240V, 50-60Hz; 0,17-0,15A; λ 0,98; tc 75°C; U-out 400V

EL1x39iDim: 1 x FDH-39W-G5 (T5); 220-240V, 50-60Hz; 0,20-0,18A; λ 0,98; tc 75°C; U-out 400V

EL1x49iDim: 1 x FDH-49W-G5 (T5); 220-240V, 50-60Hz; 0,25-0,23A; λ 0,98; tc 75°C; U-out 400V

EL1x54iDim: 1 x FDH-54W-G5 (T5); 220-240V, 50-60Hz; 0,27-0,25A; λ 0,98; tc 75°C; U-out 400V

EL1x55iDim: 1 x FSDH-55W-2G11 (TC-L); 220-240V, 50-60Hz; 0,27-0,25A; λ 0,98; tc 75°C; U-out 400V

EL1x80iDim: 1 x FDH-80W-G5 (T5) / FSDH-80W-2G11 (TC-L) 220-240V, 50-60Hz; 0,39-0,36A; λ 0,98; tc 75°C; U-out 400V

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

Additional information -

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