## **ENEC LICENCE**

Licence No. ENEC-02144-M1

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**Date of Issue** 2018-07-23

Licence Holder DELTA ELECTRONICS INC

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CHUNGLI INDUSTRIAL ZONE

TAOYUAN COUNTY, 32063 Taiwan

Production site Delta Electronics (Wuhu) Ltd

No. 138 Jiuhua North Road

LongShan Street

Economic-technical Development Area Wuhu City, 241008 Anhui Province China

Certification Mark See Annex 1

Certified Product Independent LED Controlgear

Model ECXd 1400.309, LNE-14A75WHG, USCO-040140GAXX,

USCO-075140GAXX

See Page 2

**Trademark** 



Rated Voltage / Frequency See Page 2

Rated Current / Power See Page 2

Insulation Class

Degree of protection (IP) 66/67

**Tested acc. to** EN 61347-1:2015, EN 61347-2-13:2014/A1:2017.

EN 61347-2-13:2014, EN 62384:2006/A1:2009, EN 62384:2006

**Test Report No.** 4788487756.2 Amendment 1 issued on 2018-07-20,

4788487756.1 Amendment 1 issued on 2018-07-20

Additional See Page 2

Certification Manager Jan-Erik Storgaard This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC Requirements. The Designated License holder is entitled to use the ENEC 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing the ENEC Mark should be considered as being covered by UL's ENEC Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

**Certification Body** 

UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark, Tel. +45 44 85 65 65, info.dk@ul.com www.ul-europe.com



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#### Model Details:

USCO-040140GAXX, USCO-075140GAXX (where X can be any alphanumeric character or blank)

Rated Voltage Frequency:

USCO-075140GAXX, LNE-14A75WHG: Input: 220-240 V~ 50/60 Hz 0.43 A λ:0.95

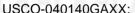
Output: 36-107 VDC, 120 VDC max, 0.5-1.4 A, 75 W max.

Vaux: +12 V, 50 mA, Dimming: 0-10 VDC

Ta= -40...+60°C, Tc= +80°C, Class I, IP66/IP67







Input: 220-240 V~ 50/60 Hz 0.26 A λ:0.92C

Output: 20-57 VDC, 60 VDC max, 0.3-1.4 A, 40 W max.

Vaux: +12 V, 50 mA, Dimming: 0-10 VDC

Ta= -40...+60°C, Tc= +75°C, Class I, IP66/IP67









PRI: 220...240 V~ 50...60 Hz 430 mA λ>0.95

SEC: U=36...107 VDC, Umax=120 VDC, 500...1400 mA,

Pmax=75 W.

Vaux: +12 V, 50 mA, Dimming: 0-10 VDC

ta= -40...60°C, tc= 80°C, Class I, IP66/IP67







### Additional Information:

This certificate replaces the earlier issued certificate No. ENEC-02144 issued on 2018-06-07 due to:

- Model USCO-075140GAXX add alternate design for protection, minor modify PWB layout, FL2, CX1 and some component ratings
- Update necessary information in pages 7, 10, Enclosure 3-4 and FL2, CX1 information in Annex 1 to report No. 4788487756.2 Amendment 1.
- Update necessary information in pages 6, 7, Enclosure 1-2 to report No. 4788487756.1 Amendment 1.

Trademark Delta can be used with model USCO-075140GAXX, USCO-040140GAXX and LNE-14A75WHG Trademark VS LIGHTING SOLUTIONS can be used with model ECXd 1400.309

**Certification Body** 

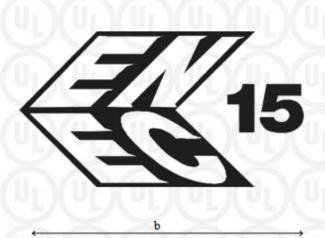
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# Annex 1 to Licence No.

ENEC-02144-M1

Annex of the form of the Mark



\* Identification number of the Certification Body

Size of the mark:

The size of the mark may be reduced on the condition that it remains legible and that the ratio b/a=1,7 is kept

**Certification Body** 

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