

ENEC LICENCE

Licence No. ENEC-01852
Page 1/3
Date of Issue 2017-11-17

Licence Holder SHANGHAI MOONS' AUTOMATION CONTROL CO LTD
BLDG 29, 4TH FL
CAOHEJING HI-TECH PARK
69 GUIQING RD
SHANGHAI, 200233 China

Production site SHANGHAI MOONS' AUTOMATION CONTROL CO LTD
168 MING JIA RD
MIN-HANG DISTRICT
SHANGHAI, 201107 China

Certification Mark See Annex 1

Certified Product Electronic Controlgear for LED modules

Model MU050x150yQlz5z, MU030x070yQlz5z/R, MU030x070yQlz5z,
MU030x150yQlz5z/R, MU030x150yQlz5z, MU050x150yQlz5z/R
See Page 2

Trademark

MOONS'



Rated Voltage / Frequency Input: 100-240 V~, 50/60 Hz, $\lambda > 0.9$, $t_a 50^\circ\text{C}$,
Output: 8-55 Vdc, SELV (see test report for variants)

Rated Current / Power See Rated Voltage / Frequency

Insulation Class II

Degree of protection (IP) -

Tested acc. to EN 61347-1:2008/A1:2011, EN 61347-1:2008/A2:2013, EN
61347-1:2008, EN 61347-2-13:2014, EN 62384:2006/A1:2009,
EN 62384:2006

Test Report No. 4787915359-1 issued on 2017-11-09, 4787915359-2 issued on
2017-11-09

Additional -

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with the Service Agreement including without limitation if the Standard identified on this Certificate is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).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



ENEC LICENCE

Licence No. ENEC-01852
Page 2/3
Date of Issue 2017-11-17

Model Details:
CODE NOMENCLATURE:

x	One letter indicates output dimming precision as follows: “S” – 0.1%, “E” – 1%
y	One Letter indicates output channel as follows: “A” – one output channel, “B” – two output channels
z5z	See below table for details

“z5z” NOMENCLATURE:

Number	First z represents dimming mode	Last z
0	Single 0-10V dimming	No auxiliary power
1	0-10V CCT+DIM(Support Curve Customized)	With 12V auxiliary output
2	0-10V CCT+DIM(no Curve customized)	DALI with no 12V auxiliary output
3	Single DALI	DALI with 12V auxiliary output
4	DT8 only	-
5	DT8	-
6	DMX	-

Certification Body

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 to the Date of Withdrawal of conflicting Standard(s).



Annex 1 to Licence No.

ENEC-01852

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

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).

