



Ref. Certif. No.

**DK-68148-UL**

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)  
CB SCHEME

**CB TEST CERTIFICATE**

Product

Electronic Controlgear for LED modules

Name and address of the applicant

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

Name and address of the manufacturer

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


Name and address of the factory

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

Note: When more than one factory, please report on page 2

Additional Information on page 2

Ratings and principal characteristics

Input: 100-240 V~, 50/60 Hz,  $\lambda > 0.9$ ,  $t_a$  50°C,   
Output: 8-55 Vdc, SELV (see test report for variants)

Trademark (if any)



Type of Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

MU050x150yQIz5z, MU030x070yQIz5z/R, MU030x070yQIz5z,  
MU030x150yQIz5z/R, MU030x150yQIz5z, MU050x150yQIz5z/R  
See Page 2

Additional information (if necessary may also be reported on page 2)

Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 61347-1(ed.2), IEC 61347-1(ed.2);am1, IEC 61347-1(ed.2);am2, IEC 61347-2-13(ed.2), IEC 62384(ed.1), IEC 62384(ed.1);am1

As shown in the Test Report Ref. No. which forms part of this Certificate

4787915359-1 issued on 2017-11-09, 4787915359-2 issued on 2017-11-09

This CB Test Certificate is issued by the National Certification Body



- UL (US), 333 Pflugsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/ncbnames](http://www.ul.com/ncbnames)

Date: 2017-11-17

Signature:

Jan-Erik Storgaard



Ref. Certif. No.

**DK-68148-UL**

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	-

Additional Information:

Additionally evaluated to EN 61347-2-13:2014, EN 61347-1: 2008/ A1:2011/ A2:2013, EN 62384: 2006/ A1:2009, National Differences specified in the CB Test Report

**Additional information (if necessary)**



- UL (US), 333 Pfingsten Rd IL 60062, Northbrook, USA
- UL (Demko), Borupvang 5A DK-2750 Ballerup, DENMARK
- UL (JP), Marunouchi Trust Tower Main Building 6F, 1-8-3 Marunouchi, Chiyoda-ku, Tokyo 100-0005, JAPAN
- UL (CA), 7 Underwriters Road, Toronto, M1R 3B4 Ontario, CANADA

For full legal entity names see [www.ul.com/nbcnames](http://www.ul.com/nbcnames)

Date: 2017-11-17

Signature:   
Jan-Erik Storgaard