Certificate Number
 20160906-E348796

 Report Reference
 E348796-20160617

 Issue Date
 2016-SEPTEMBER-06

Issued to: SHANGHAI MOONS' AUTOMATION CONTROL CO LTD

BLDG 29, 4TH FL

CAOHEJING HI-TECH PARK

69 GUIQING RD

SHANGHAI 200233 CHINA

This is to certify that representative samples of

COMPONENT - DRIVERS FOR LIGHT-EMITTING-DIODE

ARRAYS, MODULES AND CONTROLLERS

See Addendum.

Have been investigated by UL in accordance with the

Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 8750, Light Emitting Diode (LED) Equipment for Use in

Lighting Products(Including)

CSA C22.2 NO. 250.13-14, Light Emitting Diode (LED)

Equipment for Lighting Applications.

Additional Information: See the UL Online Certifications Directory at

www.ul.com/database for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: May be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.

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Bruce Mahrenholz, Director North American Certific

Bruce Mahrenholz, Director North American Certification Program

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USR, CNR- Component LED Driver

MU100M080AQ_CP;MU100M080AQ_0-10V;MU100M080AQ

MU100M105AQ CP:MU100M105AQ 0-10V:MU100M105AQ

MU100M150AQ_CP;MU100M150AQ_0-10V;MU100M150AQ

MU100M210AQ_CP;MU100M210AQ_0-10V;MU100M210AQ

MU100M320AQ_CP;MU100M320AQ_0-10V;MU100M320AQ

MU100M480AQ_CP;MU100M480AQ_0-10V;MU100M480AQ

MU100M080AQ0_CP;MU100M080AQ0_0-10V;MU100M080AQ0

MU100M105AQ0_CP;MU100M105AQ0_0-10V;MU100M105AQ0

MU100M150AQ0_CP;MU100M150AQ0_0-10V;MU100M150AQ0

MU100M210AQ0 CP;MU100M210AQ0 0-10V;MU100M210AQ0

MU100M320AQ0_CP;MU100M320AQ0_0-10V;MU100M320AQ0

MU100M480AQ0_CP;MU100M480AQ0_0-10V;MU100M480AQ0

MU100M080AQ_CP/C,MU100M105AQ_CP/C,

MU100M150AQ_CP/C,MU100M210AQ_CP/C,

MU100M320AQ_CP/C,MU100M480AQ_CP/C

MU100M080AQ0_CP/C,MU100M105AQ0_CP/C

MU100M150AQ0_CP/C,MU100M210AQ0_CP/C, MU100M320AQ0 CP/C,MU100M480AQ0 CP/C



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MU150H080AQ0 CP:MU150H080AQ1 0-10V:MU150H080AQ1

MU150H105AQ0_CP;MU150H105AQ1_0-10V;MU150H105AQ1

MU150H150AQ0 CP:MU150H150AQ1 0-10V:MU150H150AQ1

MU150H210AQ0 CP;MU150H210AQ1 0-10V;MU150H210AQ1

MU150H300AQ0_CP;MU150H300AQ1_0-10V;MU150H300AQ1

MU150H420AQ0 CP;MU150H420AQ1 0-10V;MU150H420AQ1

MT100A080AQ_CP;MT100A080AQ_0-10V;MT100A080AQ

MT100A105AQ_CP;MT100A105AQ_0-10V;MT100A105AQ

MT100A150AQ CP;MT100A150AQ 0-10V;MT100A150AQ

MT100A210AQ CP;MT100A210AQ 0-10V;MT100A210AQ

MT100A320AQ CP;MT100A320AQ 0-10V;MT100A320AQ

MT100A480AQ CP;MT100A480AQ 0-10V;MT100A480AQ

MT100A080AQ CP/C,MT100A105AQ CP/C, MT100A150AQ CP/C.MT100A210AQ CP/C.

MT100A320AQ_CP/C,MT100A480AQ_CP/C

MU150H080AQ_CP;MU150H080AQ0_0-10V;MU150H080AQ0

MU150H105AQ CP;MU150H105AQ0 0-10V;MU150H105AQ0

MU150H150AQ CP:MU150H150AQ0 0-10V:MU150H150AQ0

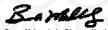
MU150H210AQ_CP;MU150H210AQ0_0-10V;MU150H210AQ0

MU150H300AQ CP;MU150H300AQ0 0-10V;MU150H300AQ0

MU150H420AQ CP;MU150H420AQ0 0-10V;MU150H420AQ0

MU150H600AQ CP;MU150H600AQ0 0-10V;MU150H600AQ0

MU150H600AQ0 CP:MU150H600AQ1 0-10V:MU150H600AQ1



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MU150H080AQ_CP/C,MU150H105AQ_CP/C, MU150H150AQ_CP/C,MU150H210AQ_CP/C, MU150H300AQ_CP/C,MU150H420AQ_CP/C, MU150H600AQ_CP/C

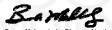
MU150H080AQ0_CP/C,MU150H105AQ0_CP/C, MU150H150AQ0_CP/C,MU150H210AQ0_CP/C, MU150H300AQ0_CP/C,MU150H420AQ0_CP/C, MU150H600AQ0_CP/C

MT150A080AQ_CP;MT150A080AQ_0-10V;MT150A080AQ MT150A105AQ_CP;MT150A105AQ_0-10V;MT150A105AQ MT150A150AQ_CP;MT150A150AQ_0-10V;MT150A150AQ MT150A210AQ_CP;MT150A210AQ_0-10V;MT150A210AQ MT150A300AQ_CP;MT150A300AQ_0-10V;MT150A300AQ MT150A420AQ_CP;MT150A420AQ_0-10V;MT150A420AQ MT150A600AQ_CP;MT150A600AQ_0-10V;MT150A600AQ

MT150A080AQ_CP/C,MT150A105AQ_CP/C, MT150A150AQ_CP/C,MT150A210AQ_CP/C, MT150A300AQ_CP/C,MT150A420AQ_CP/C, MT150A600AQ_CP/C

Note: No digit or "1" after AQ means the input wire has no plug, "0" or "2" after AQ means the input wire has plug.

"/C" means the product use dimming interface connector and cap.



Bruce Mahrenholz, Director North American Certification Program

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