

MAL **SIC**
LED



***LED
SERIES***

LED

A) WATERPROOF UNDERWATER LED



Features :

- a) Custom fountain LED with nozzle insertion.
- b) Maximum water effect and rich colour.
- c) Green design for smart heat insulation built on board.
- d) 60% luminous flux assured after operating for 20,000 hours.
- e) Compatible with Malsic Controller.
- f) CE/ROHS certified LED.

Product Code :

ML-UW-B01

Model	ML-UW-B01
Operating Voltage	24V DC
Wattage	9x3W RGB
Lens Angle	15°, 25°, 45°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	Stainless Steel 316
Front Glass	Tempered Glass

MALSIC TECHNOLOGY SDN. BHD.

Web: www.malsic.com E-mail: product@malsic.com Tel : +6 010 605 0101

LED

B) EPOXY LED



Features :

- a) Custom fountain LED with nozzle insertion.
- b) Maximum water effect and rich colour.
- c) Green design for smart heat insulation built on board.
- d) 60% luminous flux assured after operating for 20,000 hours.
- e) Compatible with Malsic Controller.
- f) CE/ROHS certified LED.

Product Code :

ML-UW-S

Model	ML-UW-S
Operating Voltage	12V DC
Wattage	11W RGB / WARM WHITE/ WHITE
Lens Angle	120°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	Epoxy

LED

C) INGROUND LED



Features :

- a) Custom inground pin LED with bracket.
- b) Maximum water effect and rich colour.
- c) Green design for smart heat insulation built on board.
- d) 60% luminous flux assured after operating for 20,000 hours.
- e) Compatible with Malsic Controller.
- f) Without casing option available upon request.

Product Code :

ML-IN-A01

Model	ML-IN-A01
Operating Voltage	12V DC / 24V DC
Wattage	1x3W RGB / R/ G/ B/ W/ WW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Floor / Fountain
Body Material	Stainless Steel
Front Glass	Tempered Glass

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LED

C) INGROUND LED



Features :

- a) Custom inground pin LED with bracket.
- b) Maximum water effect and rich colour.
- c) Green design for smart heat insulation built on board.
- d) 60% luminous flux assured after operating for 20,000 hours.
- e) Compatible with Malsic Controller.
- f) Without clip option available upon request.

Product Code :

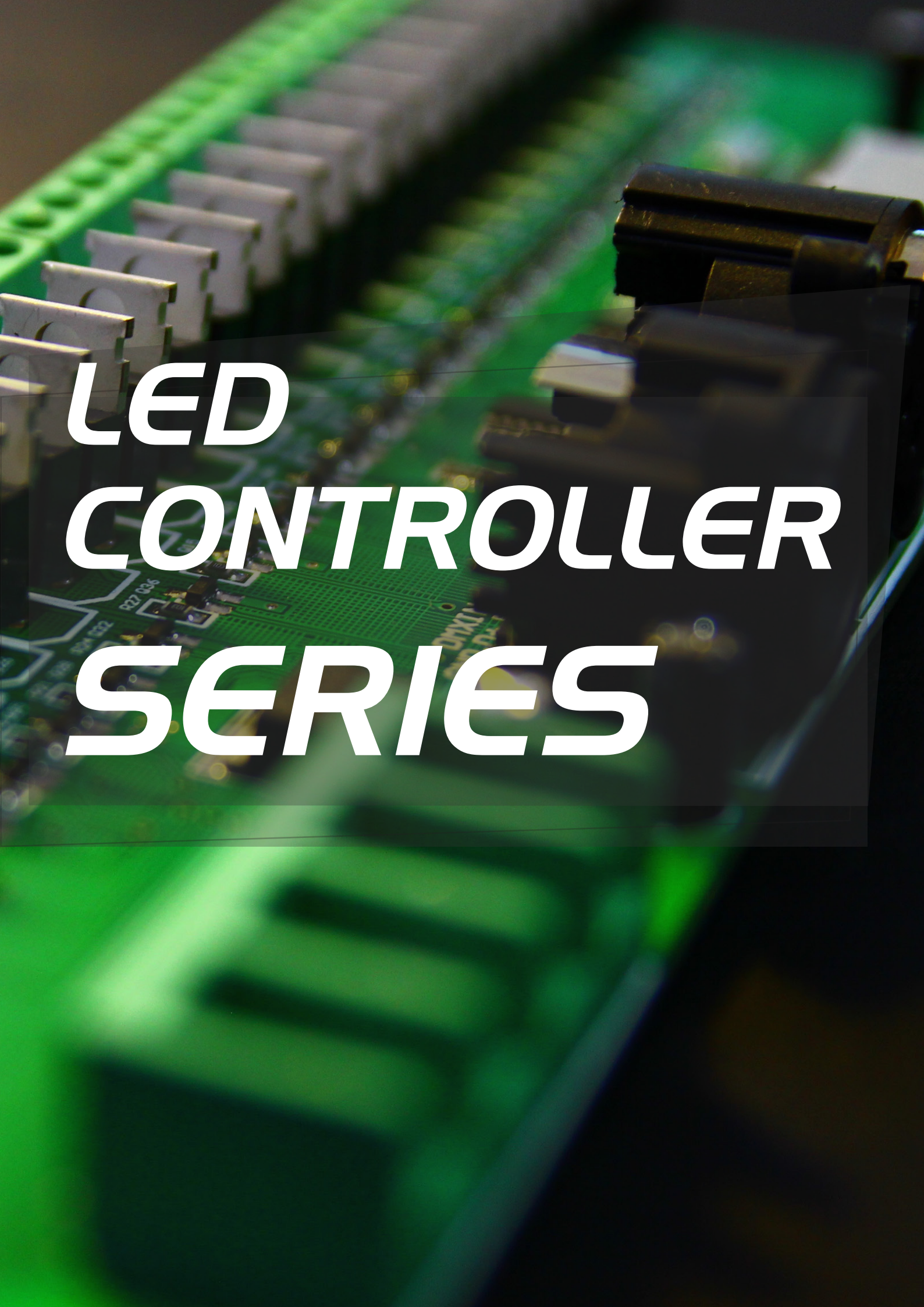
ML-IN-A02

Model	ML-IN-A02
Operating Voltage	12V DC / 24V DC
Wattage	1x3W RGB / R/ G/ B/ W/ WW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Floor / Fountain
Body Material	Stainless Steel
Front Glass	Tempered Glass

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MAL **síc**
LED



LED CONTROLLER SERIES

LED CONTROLLER

A) REMOTE WIRELESS RGB CONTROLLER



Features :

- a) Rainbow touch remote RGB controller.
- b) Wireless remote control up to 5m.
- c) Built-in program pattern.
- d) Adjustable fast/slow speed of ramping up/down for colour changing mode.
- d) CE/ROHS certified LED.

Product Code :

ML-LC-RW01

Model	ML-UW-B01
Operating Voltage	12V DC / 24V DC
Output	12V DC / 24V DC, 6A / channel
Channel	3 (R,G,B)
Driver type	Common Anode
Communication	Analog
Size	65(L) x 56(W) x 24(H) mm
Body Material	Aluminium
Remote Material	Plastic with rubber button

LED CONTROLLER

B) DMX TO RGB CONVERTER - 30 CHANNEL



Features :

- a) Convert DMX 512 signal to RGB analog signal.
- b) 30 Channel Output (3 channel / group).
- c) Green design for smart heat insulation built on board.
- d) DMX 512 or Ethernet Connection for input/output.
- e) Built in LED indicator for each channel.
- f) CE/ROHS certified LED.

Product Code :

ML-LC-CD01

Model	ML-UW-S
Operating Voltage	12V DC /24V DC
Wattage	Max 5A / Channel
Quick Connector	YES (DMX / Ethernet)
DMX	512
Communication	Analog
Total Channel	30 Channel (3 channel / group)
Size	225(W) x 80 (H) x 1.5 (T) mm

LED CONTROLLER

C) DMX CONTROLLER WITH SD CARD



Features :

- a) DMX controller with programmable pattern.
- b) RGB three primary colors, or RGBW full color control display.
- c) Green design for smart heat insulation built on board.
- d) Synchronous serial shift data signal output.
- e) Built in button for menu program selection, with built in date/ time setting.
- f) Comes with additional wireless remote control for controlling program.
- g) LCD display for quick connector built-in.

Product Code :

ML-LC-DX01

Model	ML-UW-S
Operating Voltage	12V AC/ 7.5-24V DC
Wattage	2 W
Gray Level	256 Level - 65536 level
DMX	512
Body Material	Metal with powder coated
Size	174.8(W) x 96.3(H) x 32.5 (D) mm

SIRIM CERTIFICATION



SIRIM QAS International Sdn.Bhd. (410334-X)
No.1, Persiaran Dato' Menteri, Section 2, P.O.BOX 7035,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-55446252
Fax: 03-55446272
www.sirim-qas.com.my



MS ISO/IEC 17025
TESTING
SAMM NO. 086

TEST REPORT

REPORT NO.: 2017EEB0023

PAGE : 1 OF 15

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THIS TEST REPORT IS ISSUED IN SECURED PDF SOFTCOPY

Applicant : MALSIC TECHNOLOGY SDN BHD,
54, Jalan Metro Perdana Timur 8,
Kepong Entrepreneurs Park,
52100, Kuala Lumpur, MALAYSIA.

Manufacturer : MALSIC TECHNOLOGY SDN BHD,
54, Jalan Metro Perdana Timur 8,
Kepong Entrepreneurs Park,
52100, Kuala Lumpur, MALAYSIA.

Product : LED modules for general lighting
(LED Inground Light)

Reference Standard / Method of test : MS IEC 62031: 2011 (equivalent to IEC 62031:2008)
MS IEC 62471:2011

Description of Sample : Brand Name : MALSIC LED
Model / Type : ML-IN-A01
Rating Voltage : 12 VDC
Frequency : -
Power : 1 X 3W
Tc Value : 75 °C

Date Received of Complete Application : 18 NOVEMBER 2016

Job No. : J20162120641

Overall Test Result : (COMPLIED (See page 2 for details))

Issued Date : 20 JANUARY 2017

Approved Signatory,

(RAFIDAH AHMAD)
Testing Executive



(SHARIFAH JUSOH)
Head

Electrical and Electronics 2 Section
Testing Services Department

SIRIM CERTIFICATION



SIRIM QAS International Sdn.Bhd. (410334-X)
No.1, Persiaran Dato' Menteri, Section 2, P.O.BOX 7035,
40700 Shah Alam, Selangor Darul Ehsan, Malaysia.
Tel: 03-55446252
Fax: 03-55446272
www.sirim-qas.com.my



MS ISO/IEC 17025
TESTING
SAMM NO. 086

TEST REPORT

REPORT NO.: 2014EEB0059	PAGE : 1 OF 16
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Applicant : **BOFACO SDN. BHD.,**
54, Jalan Metro Perdana Timur 8,
Kepong Entrepreneurs Park ,
52100 Kepong,
Kuala Lumpur, Malaysia.

Manufacturer : Same as above

Product : LED modules for general lighting
(LED Fountain Light)

Reference Standard / Method of test : MS IEC 62031: 2011 (equivalent to IEC 62031:2008)
MS IEC 60061-1:2005

Description of Sample : Brand Name : **MAL SİC LED**
Model/Type : UWS01 (RGB)
Rating Voltage : 12 VDC
Frequency : -
Wattage : ±11W
tc value : 110°C

Date Received of Complete Application : 22 NOVEMBER 2013

Job No. : J20132120217

Overall Test Result : COMPLIED (See Page 2 for details)

Issued Date : 11 APRIL 2014

Approved Signatory,


(RAFIDAH AHMAD)
Testing Executive




(SHARIFAH JUSOH)
Head

Electrical and Electronics 2 Section
Testing Services Department