MALSIC LED

▪ Evolution Through Innovation ▪



PRODUCT CATALOG

www.malsicled.com

CE RoHS COMPLIANT SIRIM

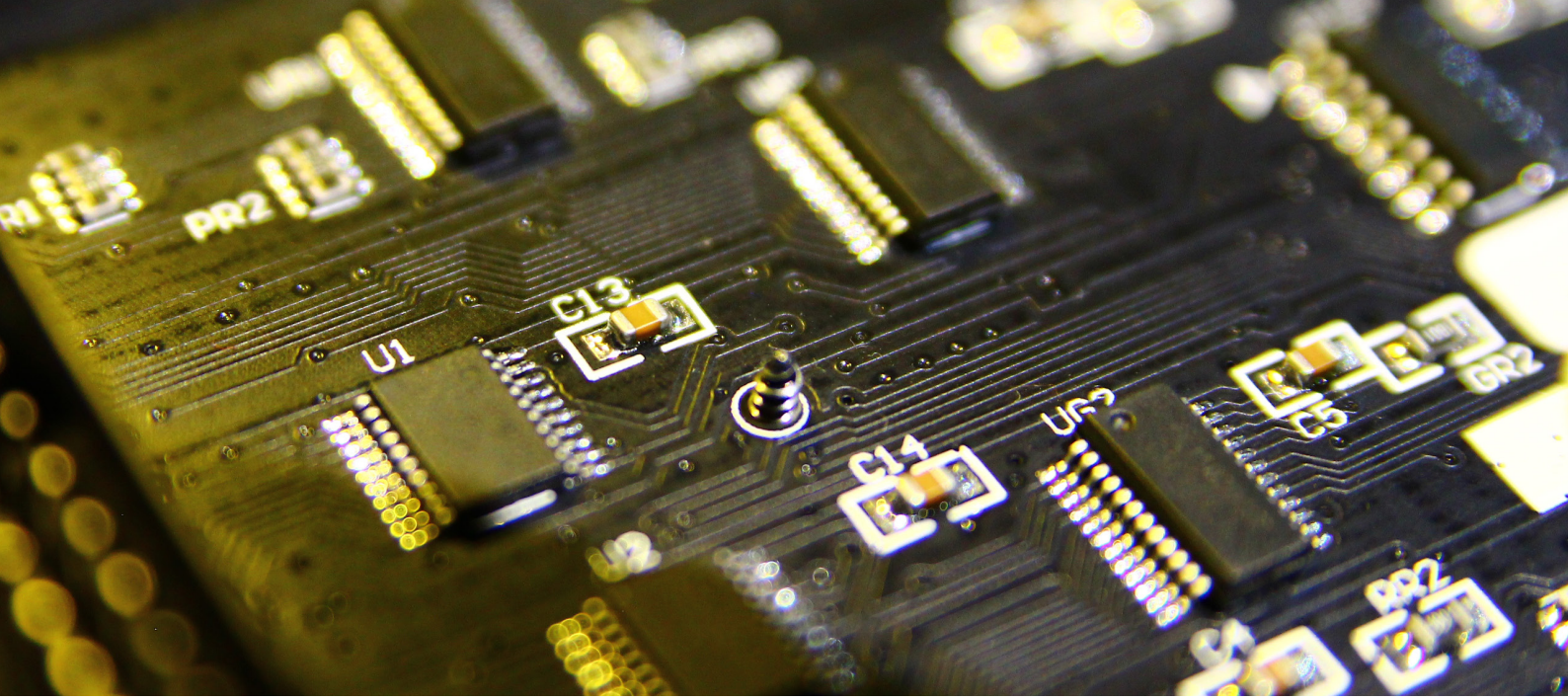


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MALSIC LED


LED
SERIES

LED

A) WATERPROOF UNDERWATER LED

IP68



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% luminious 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
Cable Length	1m (standard) or custom
IP	IP68

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LED

B) EPOXY LED

IP68



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% luminious 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
Cable Length	1m (standard) or custom
IP	IP68

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LED

B) EPOXY LED HIGH WATTAGE

IP68



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% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) CE/ROHS certified LED.

Product Code :

ML-UW-H

Model	ML-UW-H
Operating Voltage	24V DC
Wattage	27W RGB / WARM WHITE/ WHITE
Lens Angle	15°, 25°, 45°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	Epoxy
Cable Length	1m (standard) or custom
IP	IP68

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LED

B) UNDERWATER LIGHT

IP68



Features :

a) Fountain LED with adjustable angle.

b) Maximum water effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) CE/ROHS certified LED.

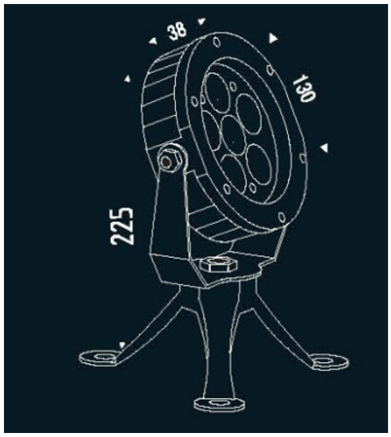
g) IP68 rated.

h) Optional bracket available upon request.

Product Code :

ML-UW-J

Model	ML-UW-J
Operating Voltage	24V DC
Wattage	6x3W (18W) RGB/R/G/B/W/WW
Lens Angle	10°/ 15°/ 30°/ 45° / 60°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	SS316
Front Glass	Tempered Glass
Cable Length	3m (standard) or custom
Lumen	600 lm (WW)
IK	IK09
IP	IP68



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LED

UNDERWATER LIGHT

IP68



Features :

a) Fountain LED with adjustable angle.

b) Maximum water effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) CE/ROHS certified LED.

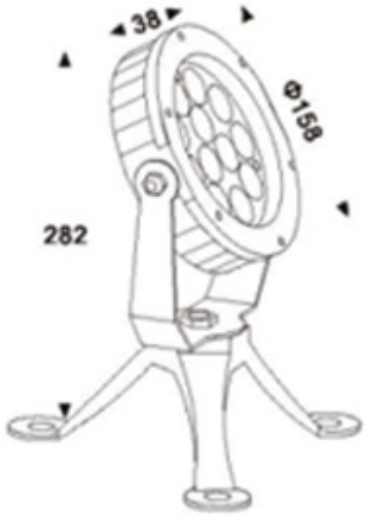
g) IP68 rated. Can be use inside/outside water.

h) Optional bracket available upon request.

Product Code :

ML-UW-K

Model	ML-UW-K
Operating Voltage	24V DC
Wattage	12x3W (36W) RGB/R/G/B/W/WW
Lens Angle	10°/ 15°/ 30°/ 45° / 60°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	Stainless Steel 316
Front Glass	Tempered Glass
Cable Length	3m (standard) or custom
IK	IK09
IP	IP68



Custom Application : 54W , 81W also available upon request.

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LED

UNDERWATER LIGHT

IP68



Features :

a) Fountain LED with adjustable angle.

b) Maximum water effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) CE/ROHS certified LED.

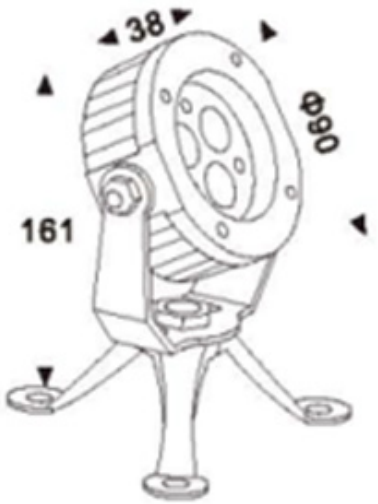
g) IP68 rated. Can be use inside/outside water.

h) Optional bracket available upon request.

Product Code :

ML-UW-L

Model	ML-UW-L
Operating Voltage	24V DC
Wattage	3x3W (9W) RGB/R/G/B/W/WW
Lens Angle	10°/ 15°/ 30°/ 45° / 60°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	SS316
Front Glass	Tempered Glass
Cable Length	3m (standard) or custom
IK	IK09
IP	IP68



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LED

C) INGROUND LED

IP68



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% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) Without casing and floor stand option available upon request.

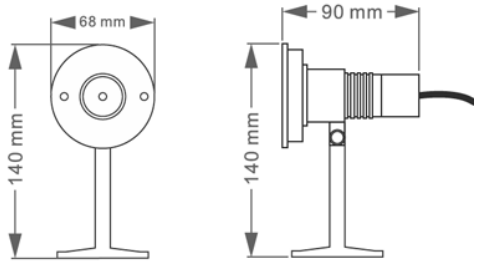
Product Code :

ML-IN-A01

Model	ML-IN-A01
Operating Voltage	12V DC / 24V DC
Wattage	1x3W RGB / R/ G/ B/ W/ WW
Lens Angle	10°, 15°, 30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Floor / Fountain
Body Material	SS316
Front Glass	Tempered Glass
Cable Length	3m (standard) or custom
Lumen	150 lm
IK	IK10
IP	IP68



* OPTIONAL ACCESSORIES : FLOOR STAND

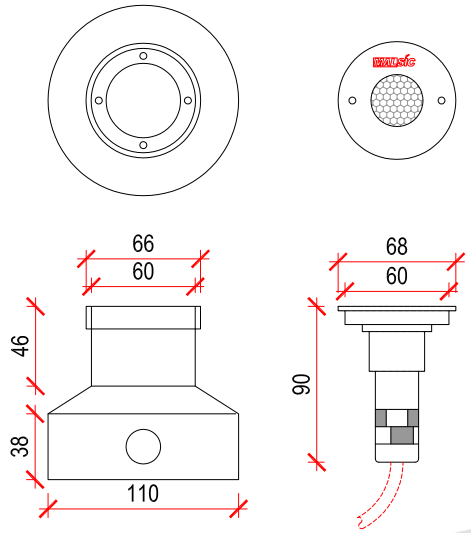


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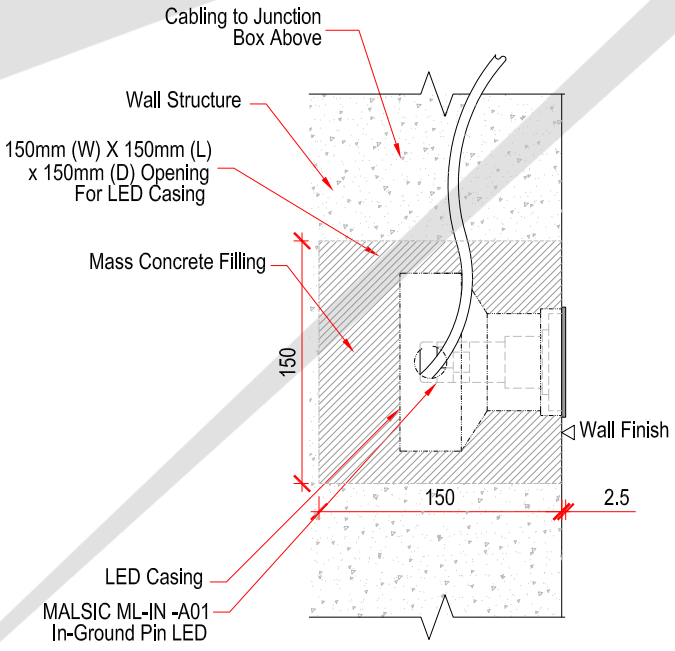
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PRODUCT CODE : ML-IN-A01



Light Detail



Typical Installation

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LED

C) INGROUND LED

IP68



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% luminious 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	SS316
Front Glass	Tempered Glass
Cable Length	3m (standard) or custom
Lumen	150 lm (WW)
IK	IK09
IP	IP68

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LED

C) INGROUND LED

IP68



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.

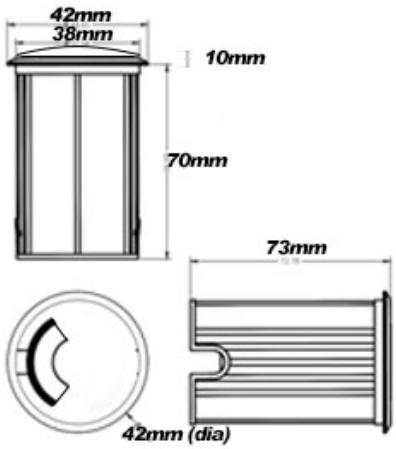
d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) Without clip option available upon request.

Product Code :

ML-IN-A03



Model	ML-IN-A03
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	SS304
Front Glass	Tempered Glass
Dimension	42mm(dia)x50mm(h)x73mm(d)
Cable Length	0.5m (standard) or custom
Lumen	140lm (direct) , 60 lm(indirect light)
IK	IK10
IP	IP68

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LED

C) INGROUND LED

IP68



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.

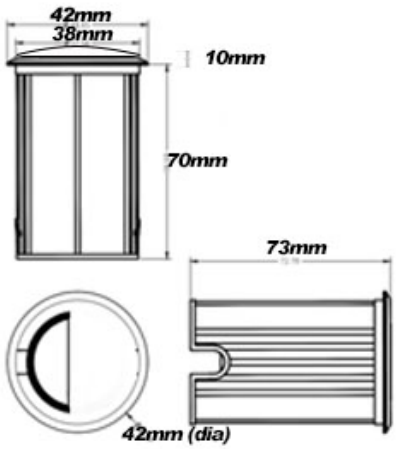
d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) Without clip option available upon request.

Product Code :

ML-IN-A03-2



Model	ML-IN-A03-2
Operating Voltage	12V DC / 24V DC
Wattage	1x3W RGB / R/ G/ B/ W/ WW/CW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Floor / Wall
Body Material	SS304
Front Glass	Tempered Glass
Dimension	42mm(dia)x50mm(h)x73mm(d)
Cable Length	0.5m (standard) or custom
Lumen	140lm (direct) , 60 lm(indirect light)
IK	IK10
IP	IP68

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LED

C) INGROUND LED

IP68



Features :

a) Custom inground LED with inground enclosure.

b) Maximum water effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) With floor stand option available upon request.

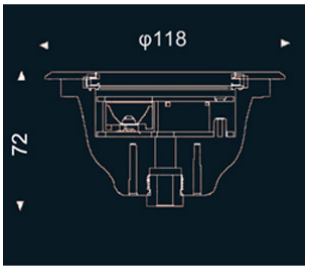
Product Code :

ML-IN-A04

Model	ML-IN-A04
Operating Voltage	12V DC / 24V DC
Wattage	3x3W RGB / R/ G/ B/ W/ WW/CW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Floor / Fountain
Body Material	SS316
Front Glass	Tempered Glass
Dimension	118mm(dia) x 72mm(h)
Cable Length	3m (standard) or custom
Lumen	700 lm (WW)
IK	IK09
IP	IP68



* INGROUND CASING ENCLOSURE





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LED

C) INGROUND LED

IP67



Features :

a) Custom inground LED with inground enclosure.

b) Maximum wall effect and rich colour.

c) Green design for smart heat insulation built on board.

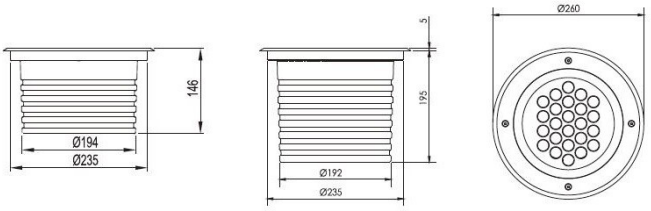
d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller, and Dali.

Product Code :

ML-IN-A05

Model	ML-IN-A05
Operating Voltage	220 - 240VAC
Wattage	60W RGB / R/ G/ B/ W/ WW/CW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Wall Lighter
Body Material	Aluminium Body, SS304 Top over
Front Glass	Tempered Glass
Dimension	118mm(dia) x 72mm(h)
Cable Length	1.5 m (standard) or custom
Lumen	4800 lm (WW)
IK	IK09
IP	IP67



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LED

C) INGROUND LED

IP68



Features :

a) Custom inground LED with inground enclosure.

b) Maximum wall effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller, and Dali.

Product Code :

ML-IN-A06

Model	ML-IN-A06
Operating Voltage	24V DC
Wattage	27W RGB / R/ G/ B/ W/ WW/CW
Lens Angle	25°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Inground / Wall Lighter
Body Material	Stainless Steel 316
Front Glass	Tempered Glass
Dimension	185mm(dia) x 65mm(h)
Cable Length	1.5 m (standard) or custom
IP	IP68



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LED

D) FLOOD LIGHT LED

IP67



Features :

a) Custom flood light LED with optional floor bracket or spike (for garden use).

b) Maximum effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller and Dali (optional).

f) Additional ground spike option available upon request.

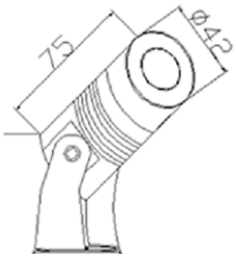
Product Code :

ML-FL-A01

Model	ML-FL-A01
Operating Voltage	24V DC
Wattage	1x3W or 1x1W RGB / R/ G/ B/ W/ WW /CW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Wall / Floor / Fountain
Body Material	Anodized Aluminium
Front Glass	Tempered Glass
Dimension	42mm(dia)x 75mm(h) x 85mm(base)x 160mm(spike)
Cable Length	1m (standard) or custom
Lumen	180 lm (WW)
IK	IK08
IP	IP67



* ACCESSORIES : SPIKE
*COLOUR OPTION : BLACK/ SILVER



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LED

D) FLOOD LIGHT LED

IP67



Features :

a) Custom flood light LED with optional floor bracket or spike (for garden use).

b) Maximum effect and rich colour.

c) Green design for smart heat insulation built on board.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller and Dali (optional).

f) Additional ground spike option available upon request.

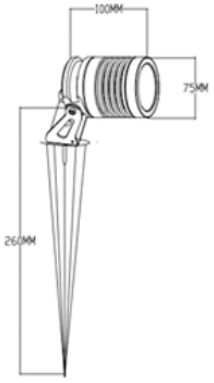
Product Code :

ML-FL-A02

Model	ML-FL-A02
Operating Voltage	24V DC or 220-240VAC (upon request)
Wattage	9W / 14W RGB / R/ G/ B/ W/ WW /CW
Lens Angle	30°, 45°, 60°
DMX	Optional (with external board)
Communication	Analog
Application	Wall / Floor / Fountain
Body Material	Anodized Aluminium
Front Glass	Tempered Glass
Dimension	75mm(dia)x 100mm(h) X 220mm(spike)
Cable Length	1m (standard) or custom
Lumen	500 lm - 9W / 900 lm - 14W
IK	IK08
IP	IP67



* ACCESSORIES : SPIKE, TREE STRAP
*COLOUR OPTION : BLACK/ SILVER



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LED

E) STRIPES NEON LIGHT LED (LV)

IP68



Features :

a) Low voltage LED neon 24VDC.

b) Neon-like effect and flexible.

c) Milky colour housing look.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller and Dali.

f) Additional installation accessories available upon request.

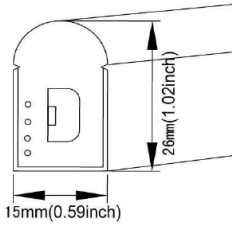
g) IP68 (with sealed connector) rated.

Product Code :

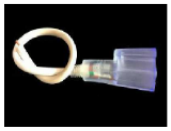
ML-ST-A01

Model	ML-ST-A01 (RGB 3 IN 1)
Operating Voltage	24V DC
Wattage	16W / m RGB 3 IN 1
Led	60 led / m, 5050 SMD
Housing Colour	Milky
Cut length	0.5m/ cut, 5m/set (default)
Application	Arch / Pool / Facade / Floor
Material	PVC with UV protection
Dimension	15mm(w) x 26mm(h) (+- 1mm)
Lumen	1200lm/m max

Model	ML-ST-A01 (W / WW/ R/ G/ B/ Y)
Operating Voltage	24V DC
Wattage	14W / m Single Colour
Led	60 led / m, 5050 SMD
Housing Colour	Milky
Cut length	0.5m/ cut, 5m/set (default)
Application	Arch / Pool / Facade / Floor
Material	PVC with UV protection
Dimension	15mm(w) x 26mm(h) (+- 1mm)
Lumen	1200lm/m max



*OTHER ACCESSORIES


Power Connector


Mid Connector


End cap


Pin


Alu Clamp

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LED

E) STRIPES NEON LIGHT LED (HV)

IP68



Features :

a) High voltage LED neon 240VAC.

b) Neon-like effect and flexible.

c) Milky colour housing look.

d) 60% luminious flux assured after operating for 30,000 hours.

e) Compatible with Malsic Controller and Dali.

f) Additional installation accessories available upon request.

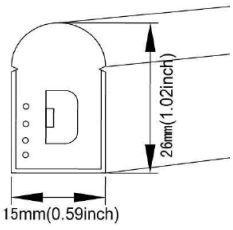
g) IP68 (with sealed connector) rated.

Product Code :

ML-ST-B01

Model	ML-ST-B01 (RGB 3 IN 1)
Operating Voltage	220-240V AC
PCB width	8mm
Led	60 led / m, 5050 SMD
Housing Colour	Milky
Cut length	1m/ cut, 50m/roll (default)
Application	Arch / Facade
Material	PVC with UV protection
Dimension	15mm(w) x 26mm(h)
Lumen	1500lm (max)

Model	ML-ST-B01 (W/ WW/ R/ G/ B)
Operating Voltage	220-240V AC
PCB width	10mm
Led	60 led / m, 5050 SMD
Housing Colour	Milky
Cut length	1m/ cut, 50m/roll (default)
Application	Arch / Facade
Material	PVC with UV protection
Dimension	13mm(w) x 26mm(h)
Lumen	1500lm/m



*OTHER ACCESSORIES



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LED

F) SPOTLIGHT LED

IP65



Features :

a) Spotlight LED.

b) Maximum effect and rich colour. (Spotted)

c) 60% luminious flux assured after operating for 20,000 hours.

d) Compatible with Malsic Controller and Dali.

e) Additional track accessories available upon request.

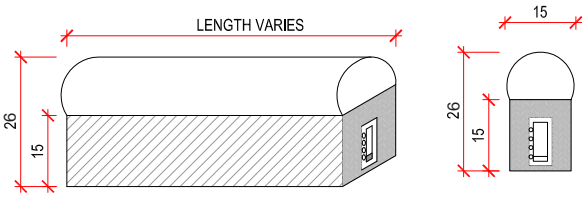
Product Code :

ML-SL-A01

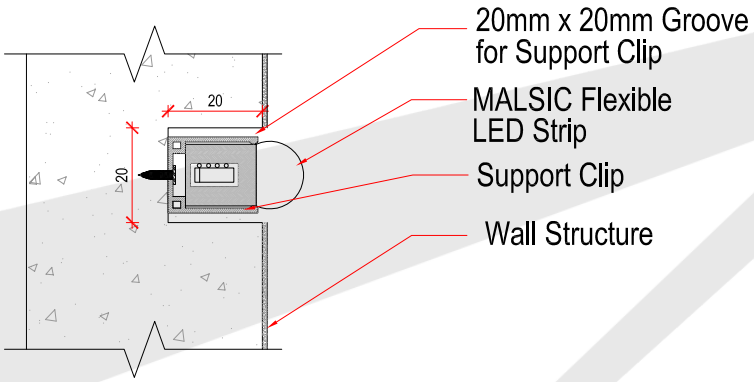
Model	ML-SL-A01
Operating Voltage	220-240 VAC
Colour Available	CW/ WW/ W
Wattage	15/ 30W
Housing Colour	White / Black
Application	Arch / Facade / Deco / Exhibition / Showcase
Material	Anodized Aluminium
Dimension	90mm (D) x 145mm (H)
Lumen	2700 lm
CRI	85
IP	IP65

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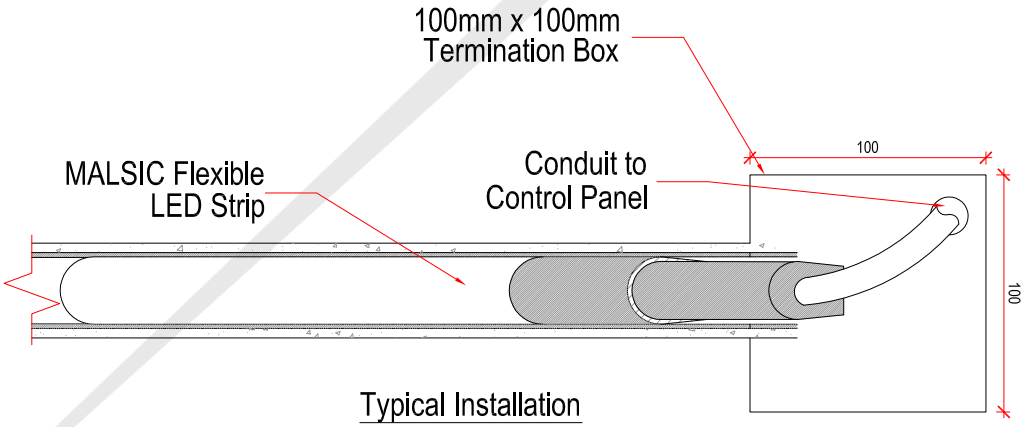
STRIPES NEON INSTALLATION DETAILS



MALSIC Flexible LED Strip Detail



Typical Installation
Side View



Typical Installation
Plan

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MFC-V1.0 ©

LED

F) STRIPES LIGHT LED

IP68



Features :

a) Low Voltage Stripes LED.

b) Maximum effect and rich colour.

c) Waterproof clear enclosure available upon request.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller and Dali.

f) Additional installation accessories available upon request.

g) IP68 (sealed enclosure type).
Basic non enclosure IP65 option available.

h) Individual chip address option available.

Product Code :

ML-ST-C01

Model	ML-ST-C01
Operating Voltage	12/24V DC
Colour Available	RGB, W, WW, R, G, B, Y, CW
Wattage	14.4W / m
Led	60 led / m, 5050 SMD
Housing Colour	Clear
Cut length	3 led/ cut, 5m/set (default)
Application	Arch / Facade / Deco
Material	Bare PCB. Waterproof case available.
Dimension	10mm(w) x 2mm(h)
Lumen	1400lm/m

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LED

G) WASHER LED

IP68



Features :

a) Linear washer LED.

b) Maximum effect and rich colour.

c) Ip68 based enclosure.

d) 60% luminious flux assured after operating for 20,000 hours.

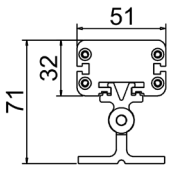
e) Compatible with Malsic Controller and Dali.

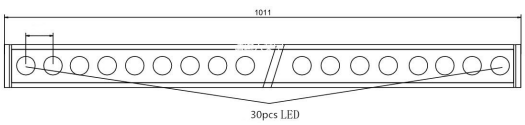
f) Additional installation accessories available upon request.

Product Code :

ML-WS-A01

Model	ML-WS-A01
Operating Voltage	24V DC , 220-240 VAC
, CWColour Available	RGB, W, WW, R, G, B, Y, CW
Wattage	18W/ 36W / 40W / 50W
Housing Colour	Aluminium / Silver
Application	Arch / Facade / Deco
Material	Anodized Aluminium, with tempered glass
Dimension	500mm / 1011mm/ 1200mm (W) x 51mm
Cable Length	0.35m X 2 (standard) or custom
Lumen	3500 lm (WW)
IK	IK08
IP	IP68





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LED

G) WASHER LED

IP67 IP68



Features :

a) Linear washer LED.

b) Maximum effect and rich colour.

c) Ip68 based enclosure.

d) 60% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller and Dali.

f) Additional installation accessories available upon request.

g) DMX512 option available.

Product Code :

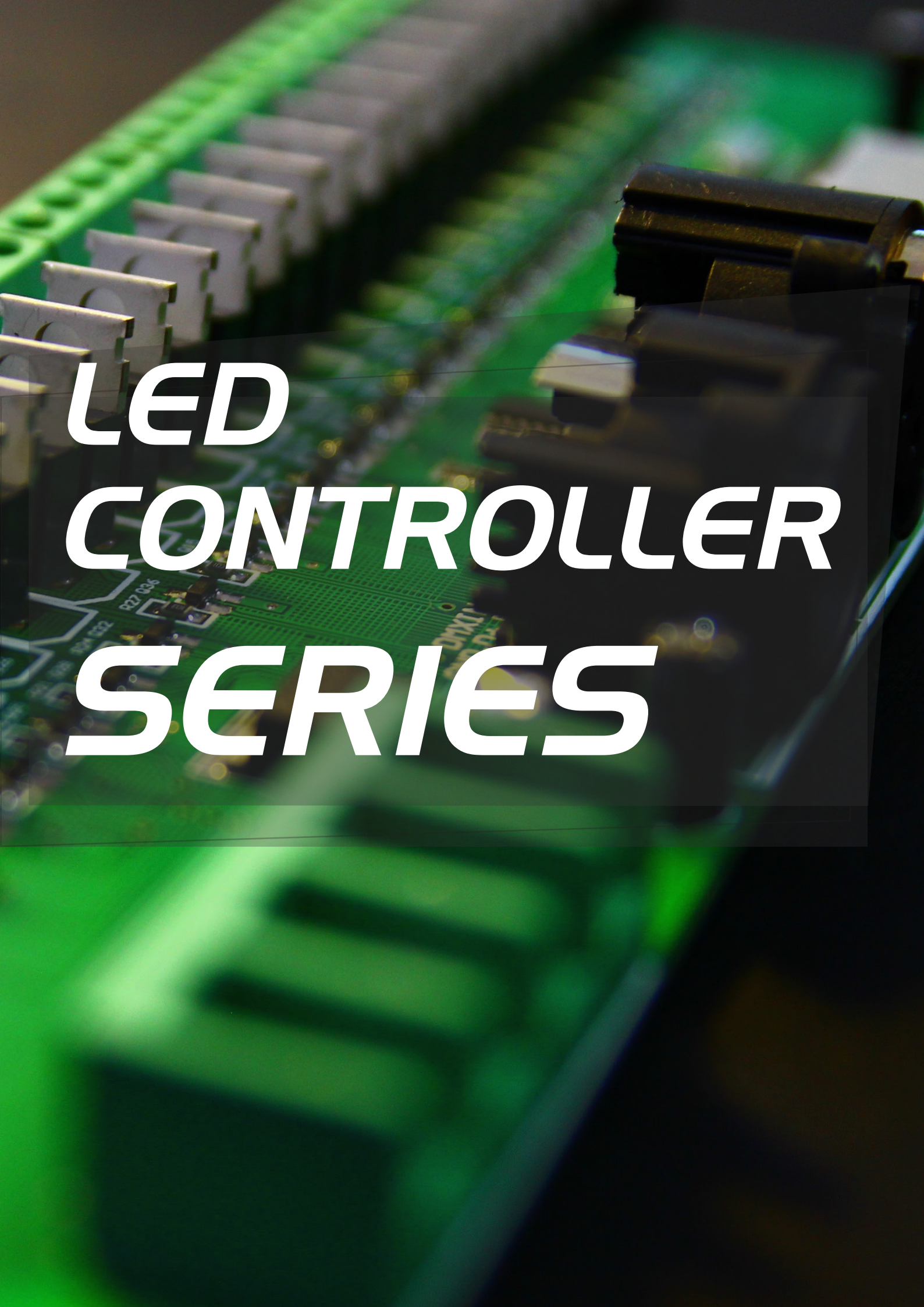
ML-WS-A02

Model	ML-WS-A01
Operating Voltage	24V DC , 220-240 VAC
, CWColour Available	RGB, W, WW, R, G, B, Y, CW
Wattage	36W/ 54W/ 160W
Housing Colour	Aluminium / Silver
Application	Arch / Facade / Deco
Material	Anodized Aluminium, with tempered glass
Dimension	500mm / 1011mm/ 1200mm (W) x 51mm
Cable Length	0.35m X 2 (standard) or custom
Lumen	3500 lm (WW)
IK	IK08
IP	IP67 / IP68 (available upon request)

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MALSIC 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 :

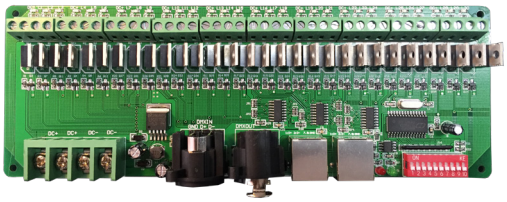
ML-LC-RW01

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

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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

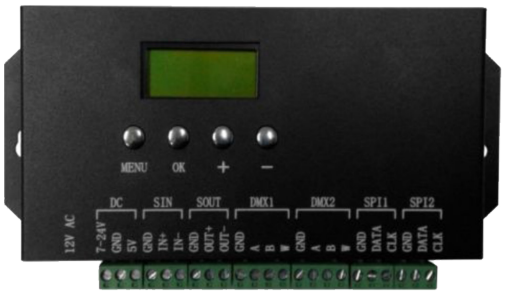
Model	ML-UW-S
Operating Voltage	12V DC /24V DC
Wattage	Max 5A / Channel
Quick Connector	YES (DMX / Ethernet)
DMX	512
Communication	Analog
Total Channel	30 Channel (3 channel / group)
Size	225(W) x 80 (H) x 1.5 (T) mm

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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

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LED CONTROLLER

D) DALI TO PWM CONVERTER

DALI SERIES



Features :

a) DALI to PWM converter.

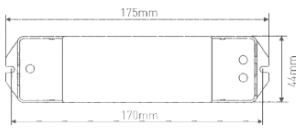
b) Comply to standard Dali logarithmic dimming curve.

c) 12V and 24V compatible.

d) Compatible with Malsic Main Dali Controller or standard Dali Controller.

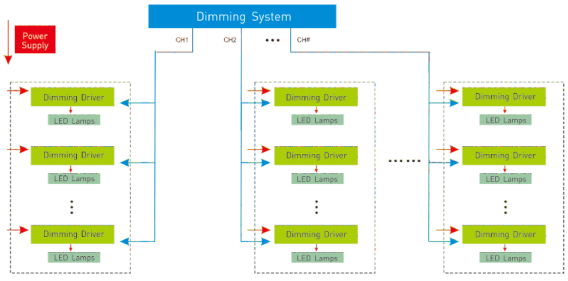
Product Code :

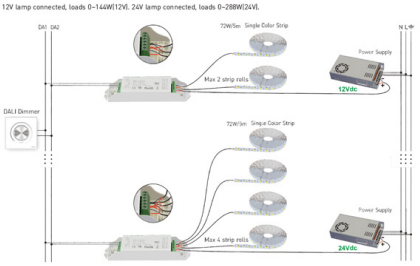
ML-LC-DP01





Model	ML-LC-DP01
Operating Voltage	12V/ 24V DC
Max Current Output	12A x 1 CH
Max Output Power	0-144W .. 288W
Dali bus standard	IEC62386
Dimming Range	0~100%, Compatible with 0-10V output
Size	178(L) x 48(W) x 33 (H) mm





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LED CONTROLLER

E) DALI MAIN CONTROLLER

DALI SERIES



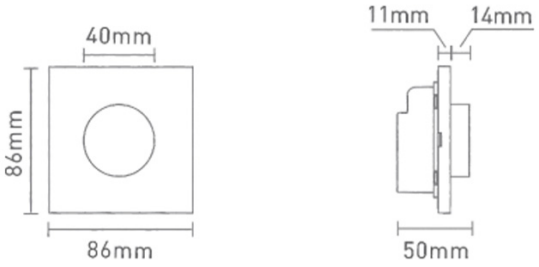
Features :

a) DALI master controller.

b) Comply to standard Dali logarithmic dimming curve.

c) Compatible with Malsic Dali > PWM converter or standard Dali converter.

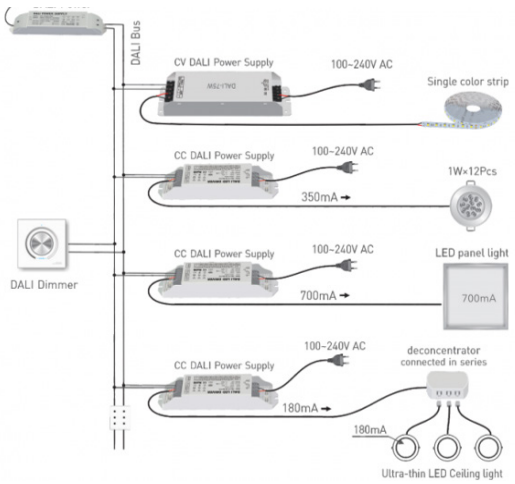
d) Three knob control method.



Product Code :

ML-LC-DC01

Model	ML-LC-DC01
Output	Dali
Dimming Protocol	Manual, 1 channel
Dimming Curve	Logaritmic
Channel Setting	Dip Switch (for slave)
Protection	Reverse Polarity, Output Short, Overload
Size	8.6(W) x 8.6(H) x 3.6 (D) mm



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LED ACCESSORIES

A) SUBMERSIBLE JUNCTION BOX



Features :

a) Waterproof junction box.

b) Extendable cable gland output.

c) IP68 rated.

d) Additional serviceable protection waterproof gel for double layer waterproof protection.

Product Code :

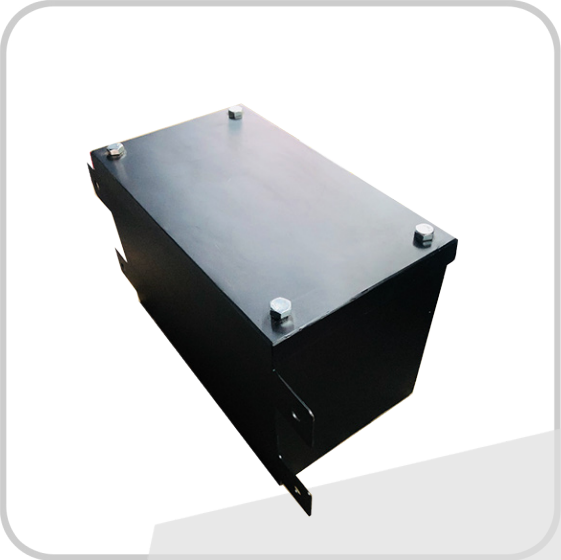
ML-AC-A01

Model	ML-AC-A01
Output	1,2,4,6,8
O-ring Material	Neoprene
Double seal	Yes. With serviceable gel coating
IP	68
Size	120mm (Dia) x 45mm (H)

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LED ACCESSORIES

B) SUBMERSIBLE POWER SUPPLY



Features :

a) Waterproof junction box for power supply.

b) Extendable cable gland output.

c) IP68 rated.

d) Additional serviceable protection waterproof gel for double layer waterproof protection.

e) Custom size / brackets available.

f) Material : S/S 304. (Optional coating available)

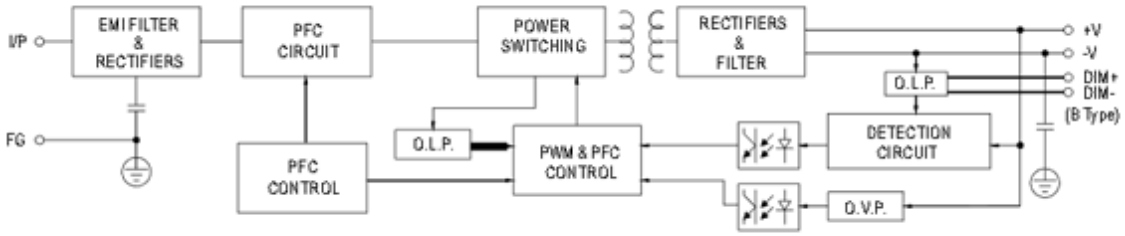
Product Code :

ML-AC-B01

Model	ML-AC-B01
Output	1,2,4,6,8,10,12,14,16,18, 20 or custom.
O-ring Material	Neoprene
Double seal	Yes. With serviceable gel coating
IP	68
Size	300mm (w) x 200mm (l) x 150mm(h)
Power supply Rating	12V(22A) / 24V (13.34A) Mean Well HLG
Protection	Short Circuit / Over Current/ Over Voltage

MEAN WELL

***MW HLG Series**



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SIRIM QAS International Sdn.Bhd. (410334-X)
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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

SIRIM QAS International Sdn. Bhd.
ELECTRICAL & ELECTRONICS 2 SECTION

(SHARIFAH JUSOH)
Head
Electrical and Electronics 2 Section
Testing Services Department

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Tel: 03-55446252
Fax: 03-55446272
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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 : MALSIC 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,

SIRIM QAS International Sdn. Bhd.
ELECTRICAL & ELECTRONICS 2 SECTION

(RAFIDAH AHMAD)
Testing Executive

(SHARIFAH JUSOH)
Head
Electrical and Electronics 2 Section
Testing Services Department

SALE AND WARRANTY

For your peace of mind

At Malsic, we committed on delivering good quality products.

All products that come out of our factory will be tested by our qualified engineer. If you found any defect upon delivery of the products please contact our representative or our factory directly for immediate replacement within 48 hours (for ex-stock item). Please keep your proof of purchase.

Headquarter : 54, Jalan Metro Perdana Timur 8, Kepong Entrepreneurs Park, 52100, KL, Malaysia.

Email

support@malsicled.com

Hotline

+6 010 605 0101

Website

www.malsicled.com

Step for claiming warranty

To ensure ease of claiming your warranty, please ensure all these stop are followed accordingly :

1. Keep your proof of purchase, can be either in receipt form, delivery order or invoice.
2. Date of purchase and start of warranty must be kept together.
3. Photo evidence / video of the faulty items must be emailed or send together for proof.
4. All items must be sent to our customer service by making appointment from our hotline (+6 010 605 0101) or by email (support@malsicfountain.com)
5. Email all these documents above or bring during the claiming process.
6. It will usually take some time for us to do part replacement ,kindly wait for acknowledgement from our representative.

For more info, please visit our website at :

http://www.malsicled.com/support



MALSIC LED

Email : product@malsicled.com
Tel : +6 010 605 0101

www.malsicled.com

LED

B) ALUMINIUM WITH EPOXY LED HIGH WATTAGE

IP68



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% luminious flux assured after operating for 20,000 hours.

e) Compatible with Malsic Controller.

f) CE/ROHS certified LED.

Product Code :

ML-UW-I

Model	ML-UW-H
Operating Voltage	24V DC
Wattage	27W RGB / WARM WHITE/ WHITE
Lens Angle	15°, 25°, 45°
DMX	Optional (with external board)
Communication	Analog
Application	Underwater Light / Fountain
Body Material	Aluminium with Epoxy Top
Cable Length	1m (standard) or custom



* Optional floor stand bracket available upon request

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