



VALO™

BY M-ELEC



ALL YOUR 24V LED STRIP NEEDS

• LED strip • ALU housing • Controllers • Power supplies



24V LED Strip Lighting | Indoor Single Colour

Standard LED Strip



ML-V/-4.8-W5 White 5m
ML-V/-4.8-W5 Neutral White 5m
ML-V/-4.8-W5 Warm White 5m

Total Power Consumed (p/m) 4.8W*
Max Lumen Output (p/m) (WW) 360lm (NW) 370lm (W) 380lm
Efficacy Up to 79lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) 14000K (NW) 16000K (W)
CRI 80
LED Chip & Qty SMD3528 | 60/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 100mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 5m x W 8mm x H 2.2mm / L 50m x W 8mm x H 2.2mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs*
Warranty 7 years
Kit Includes 1 x 5m/50m LED strip, 5/25 x connectors

Long Run LED Strip



ML-V/LMX7 2-W50 White 50m
ML-V/LMX7 2-W50 Neutral White 50m
ML-V/LMX7 2-W50 Warm White 50m

Total Power Consumed (p/m) 7.2W*
Max Lumen Output (p/m) (WW) 700lm (NW) 750lm (W) 750lm
Efficacy Up to 104lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) 14000K (NW) 16000K (W)
CRI 80
LED Chip & Qty SMD2835 | 60/m
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 97mm
Maximum Run Length 20m
IP Rating IP20
Dimensions L 5m x W 12mm x H 1.6mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs*
Warranty 7 years
Kit Includes 1 x 50m LED strip, 25 x connectors

High Output LED Strip



ML-V/-9.6-W5 White 5m
ML-V/-9.6-W5 Neutral White 5m
ML-V/-9.6-W5 Warm White 5m

Total Power Consumed (p/m) 9.6W*
Max Lumen Output (p/m) (WW) 720lm (NW) 740lm (W) 760lm
Efficacy Up to 79lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) 14000K (NW) 16000K (W)
CRI 80
LED Chip & Qty SMD3528 | 120/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 50mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 5m x W 8mm x H 2.2mm / L 50m x W 8mm x H 2.2mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs*
Warranty 7 years
Kit Includes 1 x 5m/50m LED strip, 5/25 x connectors



VALO Range
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24V LED Strip Lighting | Indoor Single Colour



Colour
Available in WW, NW & W

Dotless LED Output
Continuous light output
for a smoother diffusion

Length
Comes in 50m roll

Laser LED Strip

MI-VLLZ-10-W50 White 50m
MI-VLLZ-10-NW50 Neutral White 50m
MI-VLLZ-10-WW50 Warm White 50m

Total Power Consumed (p/m) 10W*
Max Lumen Output (p/m) (WW) 910lm | (NW) 989lm | (W) 1080lm
Efficacy Up to 108lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) | 4000K (NW) | 6500K (W)
CRI 90
LED Chip & Qty COB | 572/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 62.5mm
IP Rating IP20
Maximum Run Length L 50m x W 10mm x H 15mm
Dimensions L 50m x W 10mm x H 15mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1x 50m LED strip, 25 x connectors

4 *Total power consumed including driver **Average life is calculated on expected average lifespan

24V LED Strip Lighting | Indoor Single Colour

Ultra Bright LED Strip

MI-VL-11.5-W5 White 5m
MI-VL-11.5-NW5 Neutral White 5m
MI-VL-11.5-WW5 Warm White 5m

Total Power Consumed (p/m) 11.5W*
Max Lumen Output (p/m) (WW) 1470lm | (NW) 1590lm | (W) 1610lm
Efficacy Up to 140lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) | 4000K (NW) | 6500K (W)
CRI 80
LED Chip & Qty SMD3014 | 128/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 62.5mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 5m x W 10mm x H 15mm / L 50m x W 10mm x H 15mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1x 5m/50m LED strip, 5/25 x connectors



High Output Full Spectrum LED Strip

MI-VLGRH-14.4-W5 White 5m
MI-VLGRH-14.4-NW5 Neutral White 5m
MI-VLGRH-14.4-WW5 Warm White 5m

Total Power Consumed (p/m) 14.4W*
Max Lumen Output (p/m) (WW) 880lm | (NW) 980lm | (W) 1010lm
Efficacy Up to 70lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) | 4000K (NW) | 6000K (W)
CRI 97
LED Chip & Qty SMD2835 | 60/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 100mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 5m x W 10mm x H 11mm / L 50m x W 10mm x H 11mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1x 5m/50m LED strip, 5/25 x connectors



Max Output LED Strip

MI-VL-17.2-W50 White 50m
MI-VL-17.2-NW50 Neutral White 50m
MI-VL-17.2-WW50 Warm White 50m

Total Power Consumed (p/m) 17.2W*
Max Lumen Output (p/m) (WW) 2200lm | (NW) 2370lm | (W) 2410lm
Efficacy Up to 140lm/W
Input Voltage 24V DC
Colour Temperature 3000K (WW) | 4000K (NW) | 6500K (W)
CRI 90
LED Chip & Qty SMD3014 | 192/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 4.6mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 50m x W 10mm x H 15mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1x 50m LED strip, 25 x connectors



*Total power consumed including driver **Average life is calculated on expected average lifespan

24V LED Strip Lighting | Indoor RGB

Standard RGB LED Strip

ML-V/-V2/-RGB550 Colour Changing 50m



Total Power Consumed (p/m) 72W*
Input Voltage 24V DC
Colour Temperature RGB
LED Chip & Qty SMD5050 130/m
Beam Angle 120°
Yes (with correct power supply and controller)
Dimmable Yes
Approx Min Cut 16.7mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 50m x W 10mm x H 2mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 50m LED strip, 25 x connectors

Standard RGB, W/NW/WW LED Strip

ML-V/-V2/-RGBW50 Colour Changing 50m
ML-V/-V2/-RGBNW50 Colour Changing 50m
ML-V/-V2/-RGBWW50 Colour Changing 50m



Total Power Consumed (p/m) 12W*
(WW) 650lm (NW) 700lm (W) 700lm
Max Lumen Output (p/m) Up to 58lm/W
Efficacy 100lm/W
Input Voltage 24V DC
Colour Temperature RGBW: 3000K | RGBNW: 4000K | RGBW: 6000K
LED Chip & Qty SMD2835 1320/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Cut 100mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 50m x W 10mm x H 2mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 50m LED Strip, 25 x connectors

High Output RGB LED Strip

ML-V/-V14/-RGB50 Colour Changing 50m



Total Power Consumed (p/m) 14.4W*
Input Voltage 24V DC
Colour Temperature RGB
LED Chip & Qty SMD5050 160/m
Beam Angle 120°
Yes (with correct power supply and controller)
Dimmable Yes
Approx Min Cut 100mm
Maximum Run Length 10m
IP Rating IP20
Dimensions L 50m x W 10mm x H 2mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 50m LED strip, 25 x connectors

24V LED Strip Lighting | Indoor RGB

RGB Laser LED Strip

ML-V/LZ/-RGB50 Colour Changing 50m



Total Power Consumed (p/m) 15W*
Input Voltage 24V DC
Colour Temperature RGB
LED Chip & Qty SMD1640/m
Beam Angle 180°
Yes (with correct power supply and controller)
Dimmable Yes
Approx Min Cut 50mm
Maximum Run Length 5m
IP Rating IP20
Dimensions L 50m x W 10mm x H 2.3mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 50m LED strip, 25 x connectors



Cutting Service
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Online Tools
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24V LED Strip Lighting | Outdoor Single Colour



Colour
Available in White (W)



Seamless LED Output
Continuous light output
for a smoother diffusion

Weather Protection
IP65 Rated

Neon LED Strip

MI-VLNP-9 6-W20 White 20m

Total Power Consumed (p/m)	9.6W*
Max Lumen Output (p/m)	1220lm
Efficacy	Up to 127lm/W
Input Voltage	24V DC
Colour Temperature	6000K (W)
CRI	80
LED Chip & Qty	SMD2835 128/m
Dimmable	150°
Beam Angle	Yes (with correct power supply and controller)
Min Cut	62.5mm
IP Rating	IP65
Maximum Run Length	L 20m x W 12mm x H 12mm
Dimensions	40,000 hrs**
Temperature Range	-40°C to +70°C
Average Life	7 years
Warranty	1 x 20m LED strip, 8 x end-cap with hole, 8 x end-cap without hole, 40 x mounting clips, 4 x input cables with 100cm bare wire
Kit Includes	

24V LED Strip Lighting | Outdoor Single Colour

Weather Protected Standard LED Strip

MI-VLWP-4 8-W5 White 5m
MI-VLWP-4 8-W5 Neutral White 5m
MI-VLWP-4 8-W5 Warm White 5m
MI-VLWP-4 8-W10 White 10m
MI-VLWP-4 8-W10 Neutral White 10m
MI-VLWP-4 8-W10 Warm White 10m

Total Power Consumed (p/m)	4.8W*
Max Lumen Output (p/m)	(WW) 350lm (NW) 360lm (W) 390lm
Efficacy	Up to 80lm/W
Input Voltage	24V DC
Colour Temperature	3000K (WW) 14000K (NW) 16000K (W)
CRI	80
LED Chip & Qty	SMD3528 60/m
Dimmable	120°
Beam Angle	Yes (with correct power supply and controller)
Min Cut	100mm
IP Rating	IP65
Maximum Run Length	L 5m x W 11mm x H 4mm / L 10m x W 11mm x H 4mm
Dimensions	-40°C to +70°C
Temperature Range	40,000 hrs**
Average Life	7 years
Warranty	1 x 5m/10m LED strip, 20/40 x saddles, 4/8 x end-caps, 12 x connector with cable, 1/2 x end connector seal
Kit Includes	

Weather Protected High Output LED Strip

MI-VLWP-9 6-W5 White 5m
MI-VLWP-9 6-W5 Neutral White 5m
MI-VLWP-9 6-W5 Warm White 5m
MI-VLWP-9 6-W10 White 10m
MI-VLWP-9 6-W10 Neutral White 10m
MI-VLWP-9 6-W10 Warm White 10m

Total Power Consumed (p/m)	9.6W*
Max Lumen Output (p/m)	(WW) 680lm (NW) 690lm (W) 780lm
Efficacy	Up to 80lm/W
Input Voltage	24V DC
Colour Temperature	3000K (WW) 14000K (NW) 16000K (W)
CRI	80
LED Chip & Qty	SMD3528 120/m
Dimmable	Yes (with correct power supply and controller)
Approx Min Cut	50mm
Maximum Run Length	10m
IP Rating	IP65
Dimensions	L 5m x W 11mm x H 4mm / L 10m x W 10.5mm x H 4mm
Temperature Range	-40°C to +70°C
Average Life	40,000 hrs**
Warranty	7 years
Kit Includes	1 x 5m/10m LED strip, 20/40 x saddles, 4/8 x end-caps, 12 x connector with cable, 1/2 x end connector seal

Weather Protected Ultra Bright LED Strip

MI-VLWP-11 5-W5 White 5m
MI-VLWP-11 5-W5 Neutral White 5m
MI-VLWP-11 5-W5 Warm White 5m
MI-VLWP-11 5-W10 White 10m
MI-VLWP-11 5-W10 Neutral White 10m
MI-VLWP-11 5-W10 Warm White 10m

Total Power Consumed (p/m)	11.5W*
Max Lumen Output (p/m)	(WW) 1470lm (NW) 1590lm (W) 1610lm
Efficacy	Up to 140lm/W
Input Voltage	24V DC
Colour Temperature	3000K (WW) 14000K (NW) 16000K (W)
CRI	90
LED Chip & Qty	SMD3014 128/m
Dimmable	120°
Beam Angle	Yes (with correct power supply and controller)
Approx Min Cut	62.4mm
Maximum Run Length	10m
IP Rating	IP65
Dimensions	L 5m x W 12.5mm x H 4mm / L 10m x W 12.5mm x H 4mm
Temperature Range	-40°C to +70°C
Average Life	40,000 hrs**
Warranty	7 years
Kit Includes	1 x 5m/10m LED strip, 20/40 x saddles, 4/8 x end-caps, 12 x connector with cable, 1/2 x end connector seal

24V LED Strip Lighting | Outdoor RGB

Weather Protected Standard RGB LED Strip

ML-VLWP72-RGB5 Colour Changing 5m
ML-VLWP72-RGB10 Colour Changing 10m

Total Power Consumed (p/m) 72W*
Input Voltage 24V DC
Colour Temperature RGB
LED Chip & Qty SMD5050 | 30/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Out 166.7mm
Maximum Run Length 10m
IP Rating IP65
Dimensions L 5m x W 12.5mm x H 4mm/ L 10m x W 12.5mm x H 4mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 5m/10m LED strip, 20/40 x saddles, 4/8 x end-caps, 1/2 x connector with cable, 1/2 x end connector seal



Weather Protected High Output RGB LED Strip

ML-VLWP144-RGB5 Colour Changing 5m

Total Power Consumed (p/m) 144W*
Input Voltage 24V DC
Colour Temperature RGB
LED Chip & Qty SMD5050 | 60/m
Beam Angle 120°
Dimmable Yes (with correct power supply and controller)
Approx Min Out 100mm
Maximum Run Length 10m
IP Rating IP65
Dimensions L 5m x W 12.5mm x H 4mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 5m LED strip, 20 x saddles, 4 x end-caps, 1 x connector with cable, 1 x end connector seal



Neon LED Strip

ML-VL1N144-RGB20 Colour Changing 20m

Total Power Consumed (p/m) 14.4W*
Input Voltage 24V DC
Colour Temperature RGB
LED Chip & Qty SMD2835 | 120/m
Beam Angle 130°
Dimmable Yes (with correct power supply and controller)
Approx Min Out 50mm
Maximum Run Length 5m
IP Rating IP65
Dimensions L 50m x W 10mm x H 12mm
Temperature Range -40°C to +70°C
Average Life 40,000 hrs**
Warranty 7 years
Kit Includes 1 x 20m LED strip, 8x end-cap with hole, 8x end-cap without hole, 40x mounting clips, 4 x input cables with 100cm bare wire



LED Strip | Cables

RGB Colour

ML-RGBC30
ML-RGBC100

Rated Voltage 300V
Suitable Voltage 12-24V DC
Conductor Size 0.38mm²
Colour Conductors Red, green, blue & black
Flame Retardant Grade VW-1
Rated Temperature 80°C
Length 30m, 100m



RGBW Colour

ML-RGBWC30
ML-RGBWC100

Rated Voltage 300V
Suitable Voltage 12-24V DC
Conductor Size 0.38mm²
Colour Conductors Green, black, red, white & blue
Flame Retardant Grade VW-1
Rated Temperature 80°C
Length 30m, 100m



LED Strip | Accessories

Strip to Strip Connectors (5pk)

All suitable for indoor or outdoor flexible strips



ML-SSS-X1 Single colour strip connector suits 8mm wide flexible strips
ML-SSS-X1-10 Single colour strip connector suits 10mm wide flexible strips
ML-RGBW-SS-X1 RGB strip connector suits 10mm wide flexible strips
ML-RGBW-SS-X1 RGB strip connector suits 12mm wide flexible strips

Strip to Strip Power Connectors (5pk)

All suitable for indoor or outdoor flexible strips



ML-SSP-X1 Single colour strip+power connector suits 8mm wide flexible strips
ML-RGB-SP-X1 RGB strip connector suits 10mm wide flexible strips
ML-RGBW-SP-X1 RGBW strip connector suits 12mm wide flexible strips

Strip-Strip Flex Connectors (5pk)

All suitable for indoor or outdoor flexible strips



ML-CURVE-X1 Single colour strip connector suits 8mm wide flexible strips
ML-RGB-CURVE-X1 RGB strip connector suits 10mm wide flexible strips

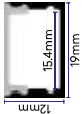
Universal Aluminium Profile (2m)

ML-ALU2-K-V3 Aluminium Profile Kit (2m length)

Dimensions
2m Kit Includes

- L 2m x W 19mm x H 12mm
- 1 x 2m Aluminium housing
- 1 x 2m Opaque diffuser (ML-ALU2-DIFF-V3)
- 2 x End-caps (ML-ALU2/4-EC-V3)
- 2 Kits (minimum due to safe packing methods)
- 2m Clear diffuser (ML-ALU2-DIFF-CV3)

Minimum Order
Optional



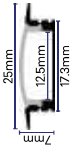
Recessed Aluminium Profile (2m)

ML-ALUR-K-V3 Aluminium Profile Kit

Dimensions
Cut Out Width
Kit Includes

- L 2m x W 25mm x H 7mm
- 17.3mm
- 1 x 2m Aluminium housing
- 1 x 2m Opaque diffuser (ML-ALUR-DIFF-V3)
- 2 x End-caps (ML-ALUR-EC-V3)
- 4 x Mounting brackets (ML-ALUR-MB-V3)
- 2 Kits (minimum due to safe packing methods)

Minimum Order



Corner Aluminium Profile (2m)

ML-ALUCR-K-V3 Aluminium Profile Kit

Dimensions
Kit Includes

- L 2m x W 16mm x H 16mm
- 1 x 2m Aluminium housing
- 1 x 2m Opaque diffuser
- 2 x End-caps (ML-ALUCR-EC-V3)
- 3 x Mounting brackets (ML-ALUCR-MB-V3)
- 2 Kits (minimum due to safe packing methods)

Minimum Order



Aluminium Housing



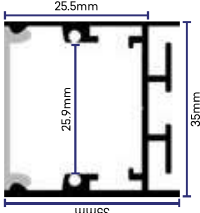
Aluminium Housing



Suspended Aluminium Profile (4m)

ML-ALUSUS-K-V3 Aluminium Profile Kit

- Dimensions Kit Includes**
- L 4m x W 35mm x H 35mm
 - 1 x 4m Aluminium housing
 - 1 x 4m Opaque diffuser (ML-ALUSUS-DIFF-V3)
 - 8 x End-caps (4 x with holes, 4 x without holes)
 - 4 x Suspension kits
- Individual Suspension Kit**
- 4 x Roof fixing points, 4 x Profile fixing points,
 - 4 x 1200mm suspension wire
 - 2 x Screws
 - 1 Kit
- Minimum Order**

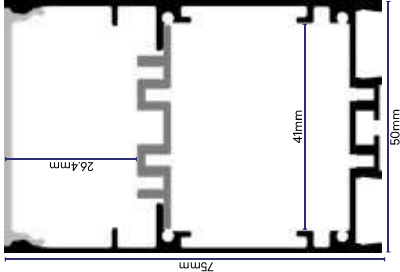


Surface Aluminium Profile (4m)

ML-ALU-5075-4M Aluminium Profile Kit

- Dimensions Kit Includes**
- L 4m x W 50mm x H 75mm
 - 1 x 4m Aluminium profile
 - 1 x 4m Opaque diffuser
 - 4 x End caps, 2 x with hole, 2 x without hole (ML-ALU-5075-EC)
 - 4 x Mounting brackets (ML-ALU-5075-MB)
 - 1 Kit
- Minimum Order**
- Optional**
- Suspension kit (ML-ALUSUS-KT-V3)

The 5075 is the perfect profile for long lengths of custom LED strips. Installed with ease. With a removable diffuser, the profile allows LED strips to be installed in any direction. The diffuser can be clipped to occur directly behind it and when ready for the tray to simply be clipped into place.



Aluminium Housing

Click-in Aluminium Profile (2m)

ML-ALU-407-2M Aluminium Profile Kit

Dimensions Kit Includes

- L 2m x W 14mm x H 7mm
- 1 x 2m Aluminium profile
- 1 x 2m Opaque diffuser
- 4 x End caps - 2 x with hole, 2 x without hole (ML-ALU-407-EC)
- 4 x mounting brackets (ML-ALU-407-MB)
- 2 Kits (minimum due to safe packing methods)

Minimum Order

The 1407 is perfect for low profile, rectangular cutouts or slim surface mounted installation requirements and comes with clips allowing pre-wired strips already installed in the profile to take place saving labour time.



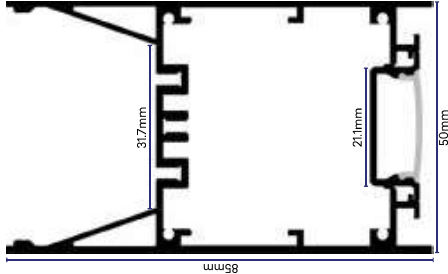
Dual Illumination Aluminium Housing (4m)

ML-ALU-5085-4M Aluminium Profile Kit

Dimensions Kit Includes

- L 4m x W 50mm x H 85mm
 - 1 x 4m Aluminium profile
 - 1 x 4m Opaque diffuser
 - 4 x End caps, 2 x with hole, 2 x without hole (ML-ALU-5085-EC)
 - 4 x Mounting brackets (ML-ALU-5085-MB)
 - 1 Kit
- Minimum Order**
- Optional**
- Suspension kit (ML-ALUSUS-KT-V3)

The 5085 profile has both direct and indirect illumination outlets for top and bottom cover. With a large diffuser on toward the ground the internal space (317mm) allows for multiple LED strips to be installed and the top allows for another LED strip to wash the ceilings creating incredible illumination with ease.





LED Controllers



RGBW Remote Controller

ML-2819S

Colour Control Functions

RGB
RGB colour change control, 4 zones (separate or synchronised), 3 different scenes & dimming control
4.5VDC battery (3x AAA not included)

Operating Voltage
434MHz

Operating Frequency

IP Rating

Dimensions

Required Receiver

L 55mm x H 120mm x D 21mm

ML-V/LO-CS

The RGB wireless controller is the 'all round' pick of remotes for RGB LED strips. Working with the ML-VLC-CS this remote can control colours, 4 zones and a white output. With 10 preset colour changing modes this remote is very universal in its applications.



1-10V Signal Dimmer

ML-DJM-S

McEac's plate-mounted 1-10V signal dimmer allows the user to blend the 1-10V controller with traditional dimmers and switch plates seamlessly. Integrating into conventional standard style switch plates and working with one or multiple 1-10V controllers, the ML-DJM-S will dim LED strips and modules perfectly.

*Dimmer only, plate not included

* This is not a 240VAC Dimmer, it's a control dimmer

IP20



LED Controllers

0-10V 4 Channel Dimmer

ML-Z002

Input Voltage
0-10V signal
Input Channels
4
Output Power
4
Output Channels
4
IP Rating
IP20
Dimensions
L 166mm x H 23mm x D 53.4mm

The 0-10V 4 channel dimmer allows full control of strips and other constant voltage products. 0-10V gives superior dimming control with 256 levels on each channel. Capable of working with 0-10V dimmer controllers (ML-DIM-S) and other 0-10V inputs such as Dymalite and C-Bus systems (see manufacturer for details).



5 Channel Controller

ML-VLC-C5

Colour Control
Input Voltage
Output Current
Input Channels
Output Power
Output Type
Operating Temperature
IP Rating
Dimensions
Warranty

CCT, RGBW, RGB+CCT, DIMMING
12-24VDC
5 x 4A
5
5 x 48-96W
12-24V constant voltage output
-20°C to +50°C
IP20
L 145mm x H 46.5mm x D 16mm
7 years

The C5 controller offers remote (RF) or Wi-Fi (Tuya App) control and is able to handle RGB, RGB+W, RGBWW+WW, CCT, or single channel dimming.



24V Power Supplies | Non Dimmable

30W Constant Voltage Non Dimmable

ML-VLPS-C30

Power (Max)
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions
Kit Includes

30W
100-240V
24V DC
1
IP20
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 260mm x W 30mm x H 18.5mm
1 x Power supply with flex & plug



60W Constant Voltage Non Dimmable

ML-VLPS-C60

Power (Max)
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions
Kit Includes

60W
100-240V
24V DC
1
IP20
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 300mm x W 30mm x H 18.5mm
1 x Power supply with flex & plug



100W Constant Voltage Non Dimmable

ML-VLPS-C100

Power (Max)
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions
Kit Includes

100W
100-240V
24V DC
1
IP20
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 330mm x W 30mm x H 22mm
1 x Power supply with flex & plug



150W Constant Voltage Non Dimmable

ML-VLPS-C150

Power (Max)
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions
Kit Includes

150W
100-240V
24V DC
1
IP20
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 368mm x W 30mm x H 22.5mm
1 x Power supply with flex & plug



*Only suitable for use with 24V LED Strip

200W Constant Voltage Non Dimmable

ML-VLPS-C200

Power (Max)
200W
Dimmable
100-240V
Input Voltage
24V DC*
Outputs
2
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 256mm x W 78mm x H 47mm
Warranty
1 x Power supply with flex & plug
Dimensions
Kit Includes



300W Constant Voltage Non Dimmable

ML-VLPS-C300

Power (Max)
300W
Dimmable
100-240V
Input Voltage
24V DC*
Outputs
2
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 276mm x W 78mm x H 47mm
Warranty
1 x Power supply with flex & plug
Dimensions
Kit Includes



360W Constant Voltage Non Dimmable

ML-VLPS-C360

Power (Max)
360W
Dimmable
170-265V
Input Voltage
24V DC*
Outputs
2
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 276mm x W 78mm x H 47mm
Warranty
1 x Power supply with flex & plug
Dimensions
Kit Includes



30W Constant Voltage Dimmable

ML-VLPS-D30

Power (Max)
30W
Dimmable
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
Input Voltage
200-240V AC
Output Voltage
24V DC*
Outputs
1
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 260mm x W 32mm x H 20mm
Warranty
Dimensions



60W Constant Voltage Dimmable

ML-VLPS-D60

Power (Max)
60W
Dimmable
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
Input Voltage
200-240V AC
Output Voltage
24V DC*
Outputs
1
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 300mm x W 32mm x H 20mm
Warranty
Dimensions



100W Constant Voltage Dimmable

ML-VLPS-D100

Power (Max)
100W
Dimmable
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
Input Voltage
200-240V AC
Output Voltage
24V DC*
Outputs
1
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 330mm x W 32mm x H 20mm
Warranty
Dimensions



150W Constant Voltage Dimmable

ML-VLPS-D150

Power (Max)
150W
Dimmable
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
Input Voltage
200-240V AC
Output Voltage
24V DC*
Outputs
1
IP66
Ts: 40°C Tc: 85°C (-40°C to +60°C)
IP Rating
7 years
Temperature Range
L 368mm x W 32mm x H 23mm
Warranty
Dimensions



24V Power Supplies | Dimmable

200W Constant Voltage Dimmable

ML-V/LPS-D200

Power (Max)
Dimmable
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions

200W
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
200-240V AC
24V DC*
1
IP66
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 256mm x W 78mm x H 47mm



300W Constant Voltage Dimmable

ML-V/LPS-D300

Power (Max)
Dimmable
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions

300W
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
200-240V AC
24V DC*
1
IP66
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 276mm x W 78mm x H 47mm



360W Constant Voltage Dimmable

ML-V/LPS-D360

Power (Max)
Dimmable
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions

360W
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
200-240V AC
24V DC*
1
IP66
Ta: 40°C Tc: 85°C (-40°C to +60°C)
7 years
L 276mm x W 78mm x H 47mm



12V Power Supplies | Non Dimmable

200W Constant Voltage Non Dimmable

ML-PSWP200-X2

Power (Max)
Input Voltage
Output Voltage
Outputs
IP Rating
Warranty
Dimensions
Kit Includes

200W
240V
12V DC*
2
IP66
3 years
L 256mm x W 78mm x H 47mm
1 x Power supply with flex & plug



300W Constant Voltage Non Dimmable

ML-PSWP300-X2

Power (Max)
Input Voltage
Output Voltage
Outputs
IP Rating
Temperature Range
Warranty
Dimensions
Kit Includes

300W
240V
12V DC*
2
IP66
Ta: 40°C Tc: 85°C (-40°C to +60°C)
3 years
L 276mm x W 78mm x H 47mm
1 x Power supply with flex & plug



12V Power Supplies | Dimmable



60W Constant Voltage Dimmable

ML-PSD60-X2



Power (Max)
Dimmable
Input Voltage
Output Voltage
Outputs
IP Rating
Warranty
Dimensions

60W
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
200-240V AC
12V DC*
1
IP66
3 years
L 300mm x W 32mm x H 20mm



100W Constant Voltage Dimmable

ML-PSD100-X2



Power (Max)
Dimmable
Input Voltage
Output Voltage
Outputs
IP Rating
Warranty
Dimensions

100W
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
200-240V AC
12V DC*
1
IP66
3 years
L 350mm x W 32mm x H 20mm



150W Constant Voltage Dimmable

ML-PSD150-X2



Power (Max)
Dimmable
Input Voltage
Output Voltage
Outputs
IP Rating
Warranty
Dimensions

150W
Yes (Triac, 0/1-10V, Potentiometer, 10V PWM)
200-240V AC
12V DC*
1
IP66
3 years
L 368mm x W 32mm x H 23mm



WARRANTY

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