

A large, stylized graphic of a blue LED strip light, shown in a looped, S-shaped path across the page. The strip is detailed with various electronic components like resistors, capacitors, and diodes, and is set against a dark blue background.

VALOFLEX  
**LED STRIP & ACCESSORIES**  
CATALOGUE 2020

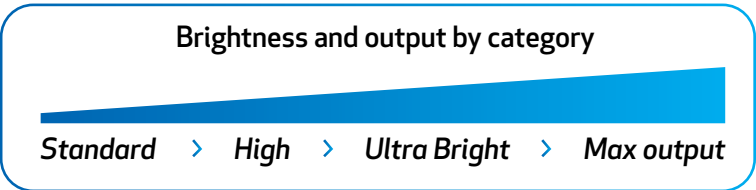
# OLD vs NEW strip codes

	NEW STRIP CODE	NEW STRIP NAME	OLD STRIP (That is being replaced)	APPLICATIONS FOR USE	
INDOOR	SINGLE COLOUR STRIP	ML-SMDF-4.8-W	Standard LED strip	ML-SMDFX-W	Entry level illumination. Potential applications include: under kicks & soft illumination for coffers
		ML-SMDF-4.8-NW	Standard LED strip	ML-SMDFX-NW	
		ML-SMDF-4.8-WW	Standard LED strip	ML-SMDFX-WW	
		ML-SMDF-4.8-W50	Standard LED strip	ML-SMDFX-W50	
		ML-SMDF-4.8-NW50	Standard LED strip	ML-SMDFX-NW50	
		ML-SMDF-4.8-WW50	Standard LED strip	ML-SMDFX-WW50	
		ML-SMDF-9.6-W	High output LED strip	ML-SMDFH-W	
		ML-SMDF-9.6-NW	High output LED strip	ML-SMDFH-NW	
		ML-SMDF-9.6-WW	High output LED strip	ML-SMDFH-WW	
		ML-SMDF-9.6-W50	High output LED strip	ML-SMDFH-W50	
		ML-SMDF-9.6-NW50	High output LED strip	ML-SMDFH-NW50	
		ML-SMDF-9.6-WW50	High output LED strip	ML-SMDFH-WW50	
		ML-SMDF-11.5-W	Ultra bright LED strip	ML-SMDFUB-W	Medium to high level illumination. Potential applications include under kitchen cupboards & over desks
		ML-SMDF-11.5-NW	Ultra bright LED strip	ML-SMDFUB-NW	
		ML-SMDF-11.5-WW	Ultra bright LED strip	ML-SMDFUB-WW	
		ML-SMDF-11.5-W50	Ultra bright LED strip	NEW PRODUCT	
		ML-SMDF-11.5-NW50	Ultra bright LED strip	NEW PRODUCT	
		ML-SMDF-11.5-WW50	Ultra bright LED strip	NEW PRODUCT	
		ML-SMDF-17.2-W	Max output LED strip	NEW PRODUCT	High level illumination. Potential applications include over desks, shed/ garage illumination and areas with high ambient lighting
		ML-SMDF-17.2-NW	Max output LED strip	NEW PRODUCT	
	ML-SMDF-17.2-WW	Max output LED strip	NEW PRODUCT		
	ML-SMDF-17.2-W50	Max output LED strip	NEW PRODUCT		
	ML-SMDF-17.2-NW50	Max output LED strip	NEW PRODUCT		
	ML-SMDF-17.2-WW50	Max output LED strip	NEW PRODUCT		
	ML-SMDF-14.4-CRI97-W	High output full spectrum LED strip	NEW PRODUCT	Medium to high level illumination. Potential applications include studio's, stores, art studios & hair salons	
	ML-SMDF-14.4-CRI97-NW	High output full spectrum LED strip	NEW PRODUCT		
	ML-SMDF-14.4-CRI97-WW	High output full spectrum LED strip	NEW PRODUCT		
	MULTI COLOUR	ML-SMDF-7.2-RGB	Standard RGB LED strip	ML-SMDF-RGB	Low to medium level coloured illumination. Potential applications include bar & kitchen effects
		ML-SMDF-7.2-RGB50	Standard RGB LED strip	ML-SMDF-RGB50	
		ML-SMDF-14.4-RGB	High output RGB LED strip	ML-SMDFH-RGB	Medium level coloured illumination. Potential applications include bar & kitchen effects
ML-SMDF-14.4-RGB50		High output RGB LED strip	NEW PRODUCT		
ML-SMDF-28.8-RGBHY		High output RGB, white and warm white (hybrid) LED strip	NEW PRODUCT	Medium to high level coloured and general illumination. Potential applications include kitchens, coffers and general applications looking for maximum effects	
ML-SMDF-28.8-RGBHY50		High output RGB, white and warm white (hybrid) LED strip	NEW PRODUCT		
OUTDOOR	SINGLE COLOUR	ML-WPSMO-4.8-W	Weather protected standard LED strip	ML-WPSMOX-W	Entry level illumination. Potential applications include outside decks, steps and soft wall washing
		ML-WPSMO-4.8-NW	Weather protected standard LED strip	ML-WPSMOX-NW	
		ML-WPSMO-4.8-WW	Weather protected standard LED strip	ML-WPSMOX-WW	
		ML-WPSMO-9.6-W	Weather protected high output LED strip	ML-WPSMOH-W	Entry to medium level illumination. Potential applications include outside garden beds and under kitchen benches
		ML-WPSMO-9.6-NW	Weather protected high output LED strip	ML-WPSMOH-NW	
		ML-WPSMO-9.6-WW	Weather protected high output LED strip	ML-WPSMOH-WW	
		ML-WPSMO-11.5-W	Weather protected ultra bright LED strip	NEW PRODUCT	Medium to high level illumination. Potential applications include outside back lighting and wall washing
		ML-WPSMO-11.5-NW	Weather protected ultra bright LED strip	NEW PRODUCT	
		ML-WPSMO-11.5-WW	Weather protected ultra bright LED strip	NEW PRODUCT	
	MULTI COLOUR	ML-WPSMO-7.2-RGB	Weather protected standard RGB LED strip	ML-WPSMO-RGB	Low to medium level coloured illumination. Potential applications include outdoor bar and kitchen effects
ML-WPSMO-14.4-RGB		Weather protected high output RGB LED strip	ML-WPSMOH-RGB	Medium level coloured illumination. Potential applications include outdoor bar and kitchen effects	

# Which strip is right for me?

M-Elec offers a range of over 30 different types of LED strip. We have a variety of strip to suit all different applications. From lower wattage indoor strip to all-weather outdoor strip with high outputs for maximum illumination.

The table on the previous page is designed to help you make your decision on which strip will work best for your chosen area. **To figure out what other products you will need to install your strip use our online calculator tool at [mel.ec/calc](http://mel.ec/calc).** If you are still not sure, feel free to give our office a call or your local M-Elec account manager.



## Quick reference guide

### 04 LED Strip Lighting & Accessories

STANDARD LED STRIP 5M ML-SMDF-4.8-WW ML-SMDF-4.8-NW ML-SMDF-4.8-W	STANDARD LED STRIP 50M ML-SMDF-4.8-WW50 ML-SMDF-4.8-NW50 ML-SMDF-4.8-W50	HIGH OUTPUT LED STRIP 5M ML-SMDF-9.6-WW ML-SMDF-9.6-NW ML-SMDF-9.6-W	HIGH OUTPUT LED STRIP 50M ML-SMDF-9.6-WW50 ML-SMDF-9.6-NW50 ML-SMDF-9.6-W50	ULTRA BRIGHT LED STRIP 5M ML-SMDF-11.5-WW ML-SMDF-11.5-NW ML-SMDF-11.5-W	ULTRA BRIGHT LED STRIP 50M ML-SMDF-11.5-WW50 ML-SMDF-11.5-NW50 ML-SMDF-11.5-W50	MAX OUTPUT LED STRIP 3M ML-SMDF-17.2-WW ML-SMDF-17.2-NW ML-SMDF-17.2-W	MAX OUTPUT LED STRIP 50M ML-SMDF-17.2-WW50 ML-SMDF-17.2-NW50 ML-SMDF-17.2-W50
HIGH OUTPUT FULL SPECTRUM LED STRIP 5M ML-SMDF-14.4-CRI97-WW ML-SMDF-14.4-CRI97-NW ML-SMDF-14.4-CRI97-W	STANDARD RGB LED STRIP 5M ML-SMDF-7.2-RGB	STANDARD RGB LED STRIP 50M ML-SMDF-7.2-RGB50	HIGH OUTPUT RGB LED STRIP 5M ML-SMDF-14.4-RGB	HIGH OUTPUT RGB LED STRIP 50M ML-SMDF-14.4-RGB50	HIGH OUTPUT RGB, WHITE AND WARM WHITE (HYBRID) LED STRIP 3M ML-SMDF-28.8-RGBHY	HIGH OUTPUT RGB, WHITE AND WARM WHITE (HYBRID) LED STRIP 50M ML-SMDF-28.8-RGBHY50	WEATHER PROTECTED STANDARD LED STRIP 5M ML-WPSMO-4.8-WW ML-WPSMO-4.8-NW ML-WPSMO-4.8-W
WEATHER PROTECTED HIGH OUTPUT LED STRIP 5M ML-WPSMO-9.6-WW ML-WPSMO-9.6-NW ML-WPSMO-9.6-W	WEATHER PROTECTED ULTRA BRIGHT LED STRIP 5M ML-WPSMO-11.5-WW ML-WPSMO-11.5-NW ML-WPSMO-11.5-W	WEATHER PROTECTED STANDARD RGB LED STRIP 5M ML-WPSMO-7.2-RGB	WEATHER PROTECTED HIGH OUTPUT RGB LED STRIP 5M ML-WPSMO-14.4-RGB	RGB STRIP TO POWER CONNECTORS (5 PACK) ML-RGB-SP-X1 ML-RGBW-SP-X1	SINGLE STRIP TO POWER CONNECTORS (5 PACK) ML-SSP-X1 ML-SSP-X1-2	RGB STRIP TO STRIP CONNECTORS (5 PACK) ML-RGB-CURVE-X1	STRIP TO STRIP CONNECTORS (5 PACK) ML-CURVE-X1
RGBW COLOUR STRIP CABLES ML-RGBWC30	RGB COLOUR STRIP CABLES ML-RGBC30	RGB, RGBW STRIP TO STRIP CONNECTOR ML-RGB-SS-X1 ML-RGBW-SS-X1	SINGLE STRIP TO STRIP CONNECTOR ML-SSS-X1				

## 19 ALU Housing



UNIVERSAL 2M  
ALUMINIUM PROFILE  
ML-ALU2-K-V3



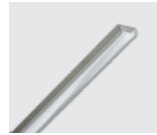
UNIVERSAL 4M  
ALUMINIUM PROFILE  
ML-ALU4-K-V3



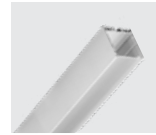
RECESSED  
ALUMINIUM PROFILE  
ML-ALUR-K-V3



CORNER  
ALUMINIUM PROFILE  
ML-ALUCR-K-V3



SLIM  
ALUMINIUM PROFILE  
ML-ALUSLM-K-V3



SUSPENDED  
ALUMINIUM PROFILE  
ML-ALUSUS-K-V3

## 22 LED Controllers



SINGLE COLOUR REMOTE  
CONTROLLER  
ML-28195DIM



RGBW REMOTE  
CONTROLLER  
ML-28195



RGBW REMOTE  
CONTROLLER  
ML-28197B



RGBW WALL  
CONTROLLER  
ML-2820



WALL CONTROLLER  
WITH 3 ZONES  
ML-2820-US3



RF WALL  
CONTROLLER  
ML-2830



RF WALL  
CONTROLLER  
ML-2836DIM-US



0-10V SIGNAL  
DIMMER  
ML-DIM-5



4 CHANNEL DIMMER  
ML-2002



RF & WIFI RECEIVER  
ML-1009FAWI



4 CHANNEL DALI DIMMER  
ML-2303BEA



POWER AMP  
ML-3002



STITCHY 1 CHANNEL  
ML-ST-1CH



STITCHY 5 CHANNEL  
ML-ST-5CH

## 29 Power Supplies



CONSTANT VOLTAGE PS20  
ML-PS20



CONSTANT VOLTAGE  
ML-PSWP30



CONSTANT VOLTAGE  
ML-PSWP60



CONSTANT VOLTAGE  
ML-PSWP100



CONSTANT VOLTAGE  
ML-PSWP150



CONSTANT VOLTAGE  
ML-PSWP200



CONSTANT VOLTAGE  
ML-PSWP300



TRIAC DIMMABLE  
CONSTANT VOLTAGE  
ML-PSD10



TRIAC DIMMABLE  
CONSTANT VOLTAGE  
ML-PSD20



TRIAC DIMMABLE  
CONSTANT VOLTAGE  
ML-PSD30



TRIAC DIMMABLE  
CONSTANT VOLTAGE  
ML-PSD80



TRIAC DIMMABLE  
CONSTANT VOLTAGE  
ML-PSD200



ALU-SUS & WP HIGH OUTPUT STRIP  
@ Remora Road development, Brisbane, QLD

# LED Strip Lighting - Indoor standard lighting



## STANDARD LED STRIP

**SMDF 4.8W 5M**

*ML-SMDF-4.8-W\* White*

*ML-SMDF-4.8-NW\* Neutral white*

*ML-SMDF-4.8-WW\* Warm white*



4.8W



40,000H



BEAM



WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
ML-SMDF-4.8-W50  
ML-SMDF-4.8-NW50  
ML-SMDF-4.8-WW50

TOTAL POWER CONSUMED	4.8W
LUMEN OUTPUT	(WW) 390lm   (NW) 450lm   (W) 410lm
EFFICACY	80-95lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	3000 (WW)   4000 (NW)   6000 (W)
LED CHIP & QTY	SMD3528   60
BEAM ANGLE	120 Degrees
MIN CUT	50mm
IP RATING	IP20
DIMENSIONS	L: 5m   W: 8mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 Years
KIT INCLUDES	1 x 5m LED strip, 5 x Connectors, 1 x Installation guide

## HIGH OUTPUT LED STRIP

**SMDF 9.6W 5M**

*ML-SMDF-9.6-W\* White*

*ML-SMDF-9.6-NW\* Neutral white*

*ML-SMDF-9.6-WW\* Warm white*



9.6W



40,000H



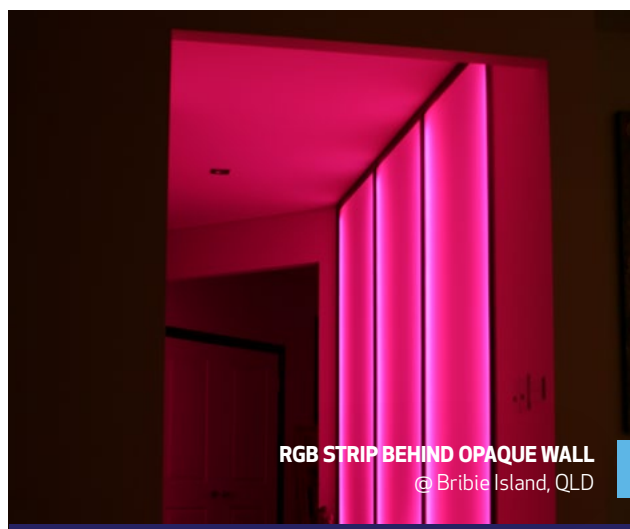
BEAM



WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
ML-SMDF-9.6-W50  
ML-SMDF-9.6-NW50  
ML-SMDF-9.6-WW50

TOTAL POWER CONSUMED	9.6W
LUMEN OUTPUT	(WW) 720lm   (NW) 790lm   (W) 830lm
EFFICACY	75lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	3000 (WW)   4000 (NW)   6000 (W)
LED CHIP & QTY	SMD2216   120
BEAM ANGLE	120 Degrees
MIN CUT	25mm
IP RATING	IP20
DIMENSIONS	L: 5m   W: 8mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
KIT INCLUDES	1 x 5m LED strip, 5 x connectors, 1 x installation guide



**RGB STRIP BEHIND OPAQUE WALL**

@ Bribie Island, QLD



**ALU2 & HIGH OUTPUT STRIP**

@ Pelican Waters, QLD





# ULTRA BRIGHT LED STRIP

SMDF 11.5W 5M

- ML-SMDF-11.5-W\* White
- ML-SMDF-11.5-NW\* Neutral white
- ML-SMDF-11.5-WW\* Warm white

11.5W
 40,000H
 120° BEAM
 7 YEARS WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
 ML-SMDF-11.5-W50  
 ML-SMDF-11.5-NW50  
 ML-SMDF-11.5-WW50

TOTAL POWER CONSUMED	11.5W
LUMEN OUTPUT	(WW) 1300lm   (NW) 1400lm   (W) 1400lm
EFFICACY	120lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	3000 (WW)   4000 (NW)   6000 (W)
LED CHIP & QTY	SMD3014   128
BEAM ANGLE	120 Degrees
MIN CUT	31.2mm
IP RATING	IP20
DIMENSIONS	L: 5m   W: 10mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
KIT INCLUDES	1 x 5m LED strip, 5 x connectors, 1 x installation guide

# MAX OUTPUT LED STRIP

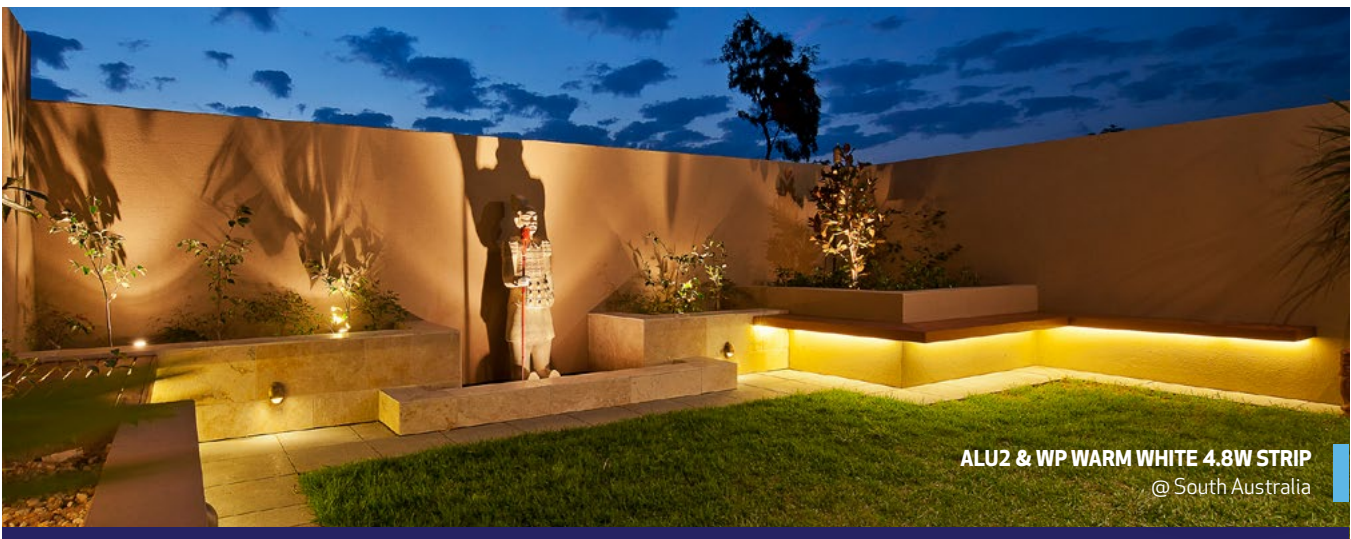
SMDF 17.2W 3M

- ML-SMDF-17.2-W\* White
- ML-SMDF-17.2-NW\* Neutral white
- ML-SMDF-17.2-WW\* Warm white

17.2W
 40,000H
 120° BEAM
 7 YEARS WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
 ML-SMDF-17.2-W50  
 ML-SMDF-17.2-NW50  
 ML-SMDF-17.2-WW50

TOTAL POWER CONSUMED	17.2W
LUMEN OUTPUT	(WW) 1800lm   (NW) 2100lm   (W) 2000lm
EFFICACY	120lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	3000 (WW)   4000 (NW)   6000 (W)
LED CHIP & QTY	SMD3014   192
BEAM ANGLE	120 Degrees
MIN CUT	20mm
IP RATING	IP20
DIMENSIONS	L: 3m   W: 10mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
KIT INCLUDES	1 x 3m LED strip, 3 x connectors, 1 x installation guide



ALU2 & WP WARM WHITE 4.8W STRIP @ South Australia



NEW



## HIGH OUTPUT FULL SPECTRUM LED STRIP

SMD 14.4W CRI 97 5M

*ML-SMDF-14.4-CRI97-W White*

*ML-SMDF-14.4-CRI97-NW Neutral white*

*ML-SMDF-14.4-CRI97-WW Warm white*



14.4W



40,000H



BEAM

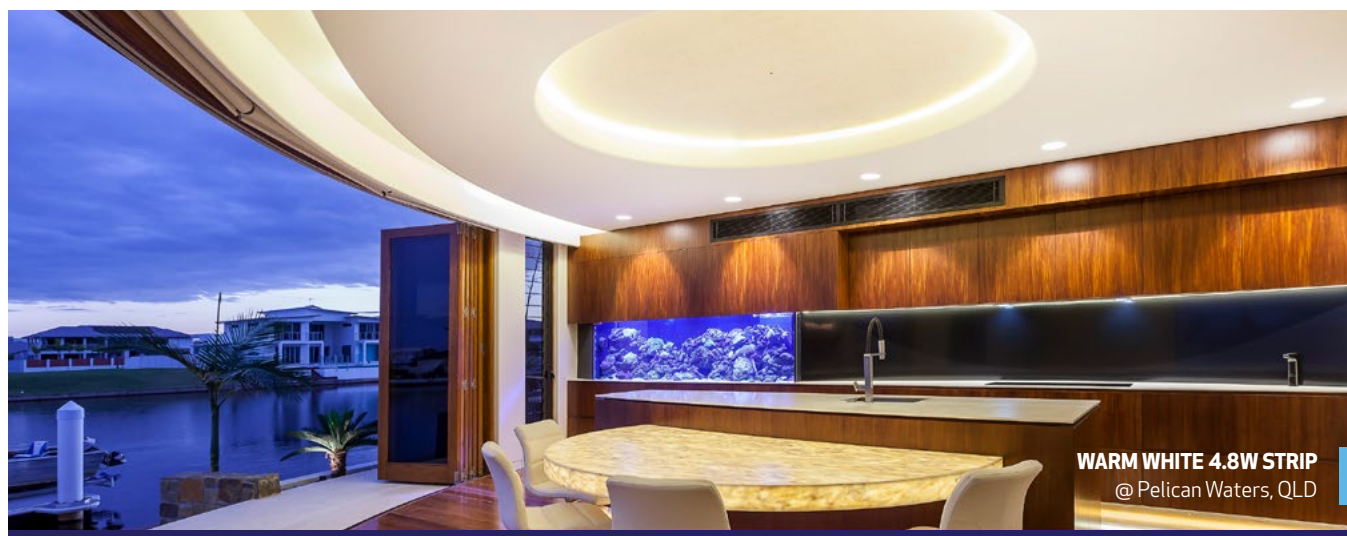


WARRANTY

TOTAL POWER CONSUMED	14.4W
LUMEN OUTPUT	(WW) 880lm   (NW) 980lm   (W) 1010lm
EFFICACY	61-70lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	3000 (WW)   4000 (NW)   6000 (W)
LED CHIP & QTY	SMD2835   60
BEAM ANGLE	120 Degrees
MIN CUT	50mm
IP RATING	IP20
DIMENSIONS	L: 5m   W: 8mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
KIT INCLUDES	1 x 5m LED strip, 5 x connectors, 1 x installation guide

## FULL SPECTRUM (HIGH CRI) LED STRIP

With full spectrum LED chips, this LED strip achieves a CRI of more than 97 meaning colours shine their brightest under this LED strip. With a length of 5 meters, cuttable every 3 LED's and coming standard with 3M double sided tape, this strip is reliable, long lasting and has brilliant effects on any surface it is directed towards. This strip is perfectly suited to use in art galleries, clothing stores, wardrobes and any other location in which you need colours to shine brightly.



WARM WHITE 4.8W STRIP  
@ Pelican Waters, QLD

# LED Strip Lighting - Indoor RGB lighting



## STANDARD RGB LED STRIP

SMD 7.2W RGB 5M

ML-SMDF-7.2-RGB\* Colour changing



7.2W



40,000H



BEAM



WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
ML-SMDF-7.2-RGB50

TOTAL POWER CONSUMED	7.2W
LUMEN OUTPUT	240lm
EFFICACY	36lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	NA
LED CHIP & QTY	SMD5050   30
BEAM ANGLE	120 Degrees
MIN CUT	100mm
IP RATING	IP20
DIMENSIONS	L: 5m   W: 10mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
KIT INCLUDES	1 x 5m LED strip, 5 x connectors, 1 x installation guide

## HIGH OUTPUT RGB LED STRIP

SMD 14.4W RGB 5M

ML-SMDF-14.4-RGB\* Colour changing



14.4W



40,000H



BEAM



WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
ML-SMDF-14.4-RGB50

TOTAL POWER CONSUMED	14.4W
LUMEN OUTPUT	460lm
EFFICACY	32lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	NA
LED CHIP & QTY	SMD5050   60
BEAM ANGLE	120 Degrees
MIN CUT	50mm
IP RATING	IP20
DIMENSIONS	L: 5m   W: 10mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
KIT INCLUDES	1 x 5m LED strip, 5 x connectors, 1 x installation guide



RGB STRIP  
@ North Queensland





## HIGH OUTPUT RGB, WHITE & WARM WHITE (HYBRID) LED STRIP

SMDF 28.8W RGB HYBRID 3M

**ML-SMDF-28.8-RGB-HY\*** Colour changing



28.8W



40,000H



BEAM



WARRANTY

\*ALSO AVAILABLE IN 50M ROLLS  
ML-SMDF-28.8-RGB-HY50

TOTAL POWER CONSUMED	28.8W
LUMEN OUTPUT	1400lm
EFFICACY	50lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	NA
LED CHIP & QTY	SMD3528   60
BEAM ANGLE	120 Degrees
MIN CUT	50mm
IP RATING	IP20
DIMENSIONS	L: 3m   W: 12mm
OPERATING TEMPERATURE	-20 to 45°C
AVERAGE LIFE	40,000 Hrs
WARRANTY	7 years
**KIT INCLUDES	1 x 3m LED strip, 3 x re-joining, 1 x installation guide

**NOTE** This strip does NOT come with connectors and requires the user to direct solder for any re-joins

## 5 COLOURS IN 1 LED STRIP

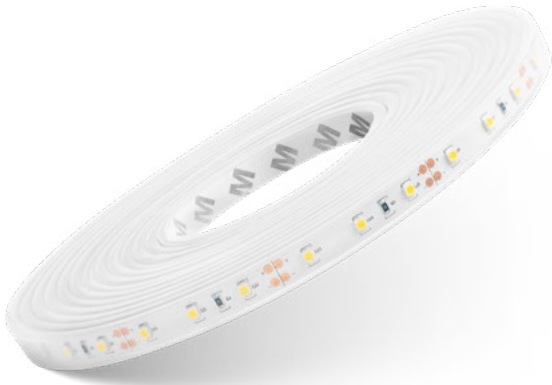
With 5 colours in one chip this LED strip is functional, fun and all round fantastic. Covering red, green, blue, white and warm white colours in one chip this strip ensures a nice seamless diffusion of colours and a consistent spread of light throughout the roll. Coming with strip to power joiners and 3M double sided tape this strip can suit a large variety of jobs and applications including splash backs, kicks, pelmets, feature areas and the front of benches. The best controller to use this strip with is the new 5 channel controller with voice control capability (ML-ST-5CH).



RGB STRIP

@ Electronic Living Virginia, QLD

# LED Strip Lighting - Outdoor strip



## WEATHER PROTECTED STANDARD LED STRIP

WPSMO 4.8W 5M

*ML-WPSMO-4.8-W White*

*ML-WPSMO-4.8-NW Neutral white*

*ML-WPSMO-4.8-WW Warm white*



<b>TOTAL POWER CONSUMED</b>	4.8W
<b>LUMEN OUTPUT</b>	(WW) 330lm   (NW) 420lm   (W) 400lm
<b>EFFICACY</b>	70-90lm/W
<b>INPUT VOLTAGE</b>	12V DC
<b>COLOUR TEMPERATURE</b>	3000 (WW)   4000 (NW)   6000 (W)
<b>LED CHIP &amp; QTY</b>	SMD3528   60
<b>BEAM ANGLE</b>	120 Degrees
<b>MIN CUT</b>	50mm
<b>IP RATING</b>	IP65
<b>DIMENSIONS</b>	L: 5m   W: 10.5mm
<b>OPERATING TEMPERATURE</b>	-20 to 45°C
<b>AVERAGE LIFE</b>	40,000 Hrs
<b>WARRANTY</b>	7 years
<b>KIT INCLUDES</b>	1 x 5m LED strip, 20 x saddles, 4 x end-caps, 1 x connector with cable, 1 x end connector seal, 1 x installation guide



## WEATHER PROTECTED HIGH OUTPUT LED STRIP

WPSMO 9.6W 5M

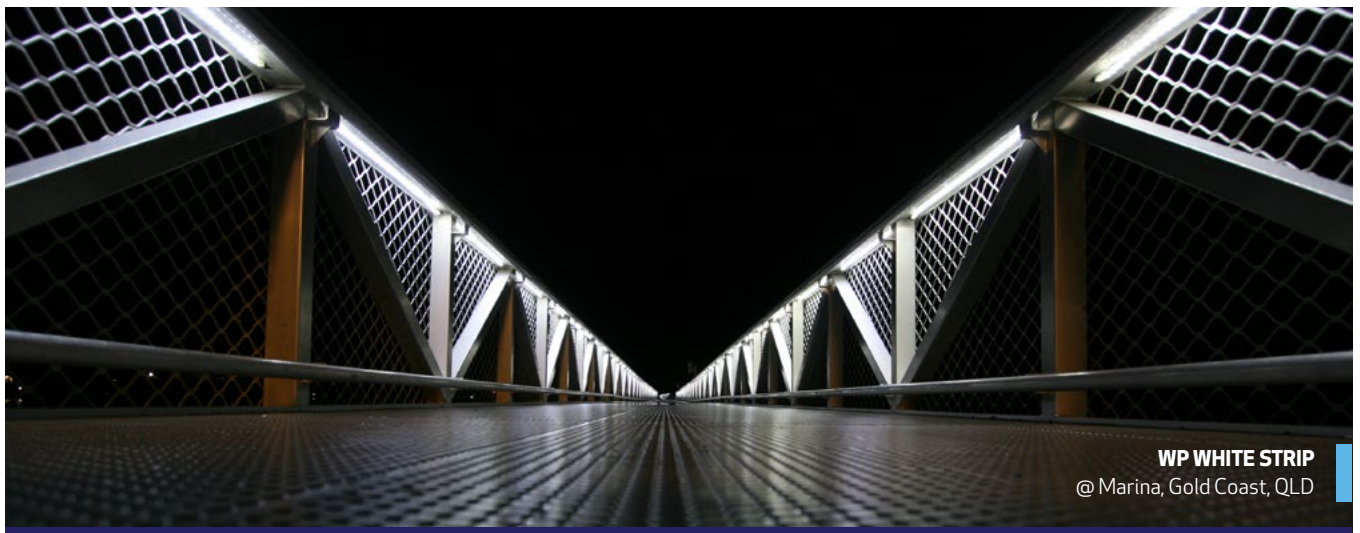
*ML-WPSMO-9.6-W White*

*ML-WPSMO-9.6-NW Neutral white*

*ML-WPSMO-9.6-WW Warm white*



<b>TOTAL POWER CONSUMED</b>	9.6W
<b>LUMEN OUTPUT</b>	(WW) 660lm   (NW) 730lm   (W) 770lm
<b>EFFICACY</b>	70-80lm/W
<b>INPUT VOLTAGE</b>	12V DC
<b>COLOUR TEMPERATURE</b>	3000 (WW)   4000 (NW)   6000 (W)
<b>LED CHIP &amp; QTY</b>	SMD2216   120
<b>BEAM ANGLE</b>	120 Degrees
<b>MIN CUT</b>	25mm
<b>IP RATING</b>	IP65
<b>DIMENSIONS</b>	L: 5m   W: 10.5mm
<b>OPERATING TEMPERATURE</b>	-20 to 45°C
<b>AVERAGE LIFE</b>	40,000 Hrs
<b>WARRANTY</b>	7 years
<b>KIT INCLUDES</b>	1 x 5m LED strip, 20 x saddles, 4 x end-caps, 1 x connector with cable, 1 x end connector seal, 1 x installation guide



**WP WHITE STRIP**  
@ Marina, Gold Coast, QLD

NEW



## WEATHER PROTECTED ULTRA BRIGHT LED STRIP

WPSMO 11.5 5M

*ML-WPSMO-11.5-W White*

*ML-WPSMO-11.5-NW Neutral white*

*ML-WPSMO-11.5-WW Warm white*



11.5W



40,000H



BEAM



WARRANTY

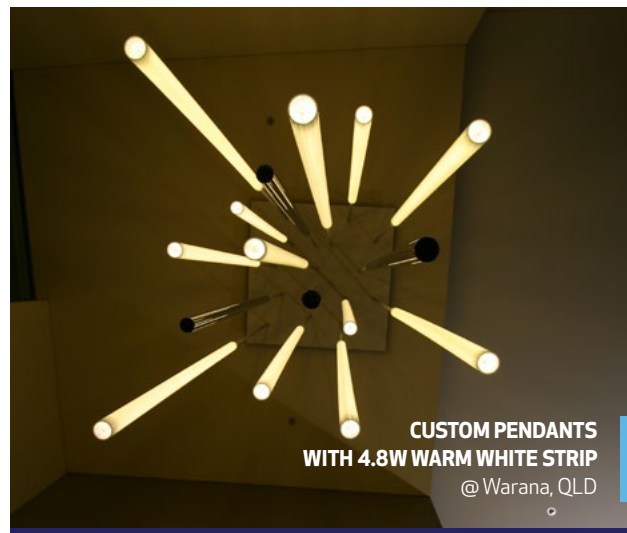
TOTAL POWER CONSUMED	11.5W
LUMEN OUTPUT	(WW) 1300lm   (NW) 1300lm   (W) 1400m
EFFICACY	120lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	3000 (WW)   4000 (NW)   6000 (W)
LED CHIP & QTY	SMD3014   128
BEAM ANGLE	120 Degrees
MIN CUT	31.2mm
IP RATING	IP65
DIMENSIONS	L: 5m   W: 12.5mm
OPERATING TEMPERATURE	-20 to 45°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, 1 x installation guide

## OUTDOOR STRIP

**M-Elec** outdoor strips utilise a silicone case and 3M double sided tape to make cutting and re-joining easy. Unlike other outdoor strips in the market M-Elec's silicone case does not stick to the LED strip making it easy to cut and move forward or back for neat re-sealing. M-Elec have designed the strip to have double sided tape installed on the backing to make reconnection to the strip even stronger as it binds to the connector.



ALU & 4.8W WARM WHITE STRIP  
@ Warana, QLD



CUSTOM PENDANTS  
WITH 4.8W WARM WHITE STRIP  
@ Warana, QLD



## WEATHER PROTECTED STANDARD RGB LED STRIP

WPSMO 7.2 RGB 5M

**ML-WPSMO-7.2-RGB** *Colour changing*



7.2W



40,000H



BEAM



WARRANTY

TOTAL POWER CONSUMED	7.2W
LUMEN OUTPUT	220lm
EFFICACY	32lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	NA
LED CHIP & QTY	SMD5050   30
BEAM ANGLE	120 Degrees
MIN CUT	100mm
IP RATING	IP65
DIMENSIONS	L: 5m   W: 12.5mm
OPERATING TEMPERATURE	-20 to 45°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, 1 x installation guide

## WEATHER PROTECTED HIGH OUTPUT RGB LED STRIP

WPSMO 14.4 RGB 5M

**ML-WPSMO-14.4-RGB** *Colour changing*



14.4W



40,000H

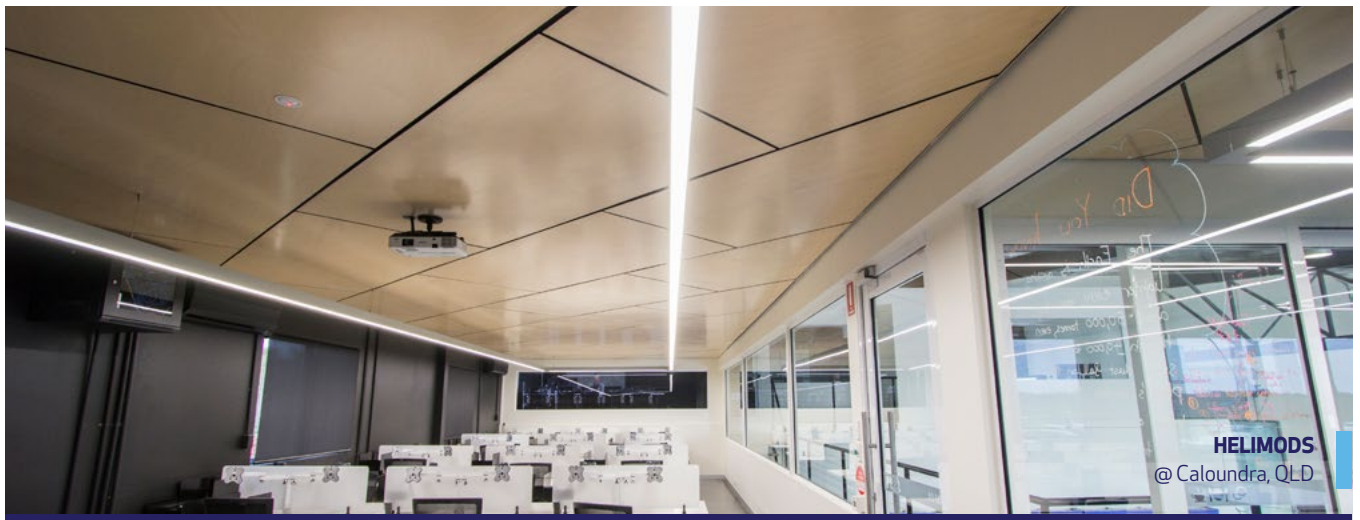


BEAM




WARRANTY

TOTAL POWER CONSUMED	14.4W
LUMEN OUTPUT	420lm
EFFICACY	30lm/W
INPUT VOLTAGE	12V DC
COLOUR TEMPERATURE	NA
LED CHIP & QTY	SMD5050   60
BEAM ANGLE	120 Degrees
MIN CUT	50mm
IP RATING	IP65
DIMENSIONS	L: 5m   W: 12.5mm
OPERATING TEMPERATURE	-20 to 45°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, 1 x installation guide



**HELIQDS**  
@ Caloundra, QLD





**Our original LED strip lighting systems set the benchmark for high lumen output with exceptionally low power consumption.**

**ALU-SUS WITH STANDARD 4.8W WARM WHITE LED STRIP**  
@ Remora Road development, Brisbane, QLD

# LED Strip Accessories

## STRIP CONNECTORS (5PK)

ALL SUITABLE FOR INDOOR OR OUTDOOR FLEXIBLE STRIPS

Single strip-strip connector  
Suits 8mm wide flexible strips

RGB, RGBW strip-strip connector  
Suits flexible strips: 10mm RGB, 12mm RGB



ML-SSS-X1



ML-RGBW-SS-X1  
ML-RGB-SS-X

## STRIP-POWER CONNECTORS (5PK)

ALL SUITABLE FOR INDOOR OR OUTDOOR FLEXIBLE STRIPS

5pk single strip-power connectors  
Suits flexible strips: 8mm | 10mm  
Length: 150mm

5pk RGB strip-power connectors  
Suits flexible strips: 10mm RGB, 12mm RGBW. Length: 150mm



ML-SSP-X1  
ML-SSP-X1-2



ML-RGB-SP-X1  
ML-RGBW-SP-X1

## STRIP-STRIP CONNECTORS (5PK)

ALL SUITABLE FOR INDOOR OR OUTDOOR FLEXIBLE STRIPS

5pk strip-strip connector for curve installation. Suits 8mm wide flexible strips. Length: 150mm

5pk RGB strip-strip connector for curve installations. Suits 10mm wide RGB flexible strips. Length: 150mm



ML-CURVE-X1



ML-RGB-CURVE-X1



## STRIP STATION

The **M-Elec** strip station is your one stop LED strip and accessory stop. With 50 meter rolls, power supplies, controllers and extra accessories all on the station, your local wholesaler is ready for any LED strip job that comes your way.

See [melec.com.au](http://melec.com.au) for a stockist near you.



## LED STRIP CABLES



### RGB COLOUR ML-RGBC30

RATED VOLTAGE	300V
SUITABLE VOLTAGE	12-24V DC
CONDUCTOR SIZE	0.38mm <sup>2</sup>
COLOUR CONDUCTORS	Red & Black
FLAME RETARDANT GRADE	VW-1
RATED TEMPERATURE	80°C
LENGTH	30M



### RGBW COLOUR ML-RGBWC30

RATED VOLTAGE	300V
SUITABLE VOLTAGE	12-24V DC
CONDUCTOR SIZE	0.38mm <sup>2</sup>
COLOUR CONDUCTORS	Red & Black
FLAME RETARDANT GRADE	VW-1
RATED TEMPERATURE	80°C
LENGTH	30M



# ALU Housing



## UNIVERSAL 2M ALUMINIUM PROFILE

**ML-ALU2-K-V3** Aluminium profile kit  
**ML-ALU2/4-EC-V3** End caps  
**ML-ALU2-DIFF-V3** Opaque diffuser  
**ML-ALU2-DIFFC-V3** Clear diffuser

With a simple push on diffuser, the original ALU2 and ALU4 is the simplest and most robust aluminium profile available. Cut it, glue it, insert it or modify it to suit your installation easily and quickly for interior or exterior applications.



WARRANTY

<b>SIZE</b>	Length: 2,000mm   Width: 19mm   Height: 12mm
<b>KIT INCLUDES</b>	1 x 2m Aluminium housing, 1 x 2m Opaque diffuser (ML-ALU2-DIFF-V3), 2 x End-caps (ML-ALU2/4-EC-V3),
<b>OPTIONAL</b>	Clear diffuser (ML-ALU2-DIFFC-V3)
<b>MINIMUM ORDER</b>	2 Kits (minimum due to safe packing methods)



## UNIVERSAL 4M ALUMINIUM PROFILE

**ML-ALU4-K-V3** Aluminium profile kit  
**ML-ALU2/4-EC-V3** End caps  
**ML-ALU4-DIFF-V3** Opaque diffuser  
**ML-ALU4-DIFFC-V3** Clear diffuser

With a simple push on diffuser, the original ALU2 and ALU4 is the simplest and most robust aluminium profile available. Cut it, glue it, insert it or modify it to suit your installation easily and quickly for interior or exterior applications.



WARRANTY

<b>SIZE</b>	Length: 4,000mm   Width: 19mm   Height: 12mm
<b>KIT INCLUDES</b>	1 x 4m Aluminium housing, 1 x 4m Opaque diffuser (ML-ALU4-DIFF-V3), 2 x End-caps (ML-ALU2/4-EC-V3),
<b>OPTIONAL</b>	Clear diffuser (ML-ALU4-DIFFC-V3)
<b>MINIMUM ORDER</b>	2 Kits (minimum due to safe packing methods)





## RECESSED ALUMINIUM PROFILE

**ML-ALUR-K-V3** Aluminium profile kit  
**ML-ALUR-EC-V3** End caps  
**ML-ALUR-DIFF-V3** Opaque diffuser  
**ML-ALUR-MB-V3** Mounting brackets

Perfect for recessed installations under cupboards and in book shelves, walls, etc. The ALUR provides a very low profile with a push on opaque diffuser.



## CORNER ALUMINIUM PROFILE

**ML-ALUCR-K-V3** Aluminium profile kit  
**ML-ALUCR-EC-V3** End caps  
**ML-ALUCR-DIFF-V3** Opaque diffuser  
**ML-ALUCR-MB-V3** Mounting brackets

The ML-ALUCR allows for corner installations requiring light at a 45 degree angle and the aesthetic of a neat, clean anodised profile.



**SIZE** Length: 2,000mm | Width: 25mm | Height: 7mm  
**CUT OUT WIDTH** 17.3mm  
**KIT INCLUDES** 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)  
**MINIMUM ORDER** 2 Kits (minimum due to safe packing methods)

**SIZE** Length: 2,000mm | Width: 16mm | Height: 16mm  
**KIT INCLUDES** 1 x 2m Aluminium housing,  
 1 x 2m Opaque diffuser (ML-ALUCR-DIFF-V3),  
 2 x End-caps (ML-ALUCR-EC-V3),  
 3 x Mounting brackets (ML-ALUCR-MB-V3)  
**MINIMUM ORDER** 2 Kits (minimum due to safe packing methods)



## SLIM ALUMINIUM PROFILE

- ML-ALUSLM-K-V3* Aluminium profile kit
- ML-ALUSLM-EC-V3* End caps
- ML-ALUSLM-DIFF-V3* Opaque diffuser
- ML-ALUSLM-MB-V3* Mounting brackets

The slim aluminium profile is perfect for situations which require slim, minimal profiles and allow for a diffuser which slides in from one end. This profile is extremely small but **please note** it does not fit connectors within the profile so direct solder is required. The diffuser is only able to be installed by sliding it in from one end.



- 
- SIZE** Length: 2,000mm | Width: 15.9mm | Height: 6mm
  - KIT INCLUDES**
    - 1 x 2m Aluminium housing
    - 1 x 2m opaque diffuser (ML-ALUSLM-DIFF-V3)
    - 2 x End-cap (ML-ALUSLM-EC-V3)
    - 3 x Mounting brackets (ML-ALUSLM-MB-V3)
  - MINIMUM ORDER** 2 Kits



## SUSPENDED ALUMINIUM PROFILE

- ML-ALUSUS-K-V3* Aluminium profile kit
- ML-ALUSUS-EC-V3* End caps
- ML-ALUSUS-DIFF-V3* Opaque diffuser
- ML-ALUSUS-KIT-V3* Suspension kit

Designed to contain multiple LED strips, the ALUSUS can be easily cut to suit your installation requirements. Supplied with 4 stainless steel suspension cables and accessories, this is the perfect profile for installations in residential and commercial applications. The ALUSUS can also be surface mounted offering a square edged designer luminaire.



- 
- SIZE** Length: 4,000mm | Width: 35mm | Height: 35mm
  - KIT INCLUDES**
    - 1 x 4m Aluminium housing,
    - 1 x 4m Opaque diffuser (ML-ALUSUS-DIFF-V3),
    - 2 x End-caps (ML-ALUSUS-EC-V3) & screws,
    - 1 x Suspension kit (ML-ALUSUS-KIT-V3):
    - 4 x roof fixing points,
    - 4 x profile fixing points,
    - 4 x 1200mm suspension wire
    - 4 x Screws
  - ACCESSORIES**
    - Spring bracket (ML-ALU-SUS-SB)
    - Joining bracket (ML-ALU-SUS-JN)
  - MINIMUM ORDER** 1 Kit

A person's silhouette is visible in the bottom left corner, looking out a window. The window is divided into three vertical sections by dark frames. Each section is illuminated from within, creating a bright, glowing effect. The overall color palette is a deep, cool blue.

**Looking for a larger range of profiles, strips or various controllers such as DMX, DALI, KNX, cross platform converters or do you have a completely custom built requirement?**

M-Elec have been specialising in project and custom designed solutions since 2006. Reach out to your local M-Elec representative for more information or email [projects@melec.com.au](mailto:projects@melec.com.au) with your project requirements.

# LED Controllers



## RF WALL CONTROLLER

**ML-2830**

M-Elec's single colour wall controller offers a highly sensitive and stable glass touch colour line designed for fast and precise colour control. Including control of 4 separate zones and 3 brightness scenes, the RF wall controller also offers memory functions and up to 256 levels of brightness for each white. With a 240V input & wireless connection to the controller, the ML-2830 will be installed in no time at all.



<b>COLOUR CONTROL</b>	Single colour dimmer
<b>FUNCTIONS</b>	Control 4 zones (seperately or synchronised), set up to 3 brightness scenes for each zone, memory function & dimming control
<b>INPUT VOLTAGE</b>	240V AC
<b>OPERATING FREQUENCY</b>	434MHz RF
<b>DIMENSIONS</b>	L: 75mm   H:120mm   D:30.5mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI



## RF WALL CONTROLLER

**ML-2836DIM-US**

This simple '1-wheel' dimmer controller is completely wireless and battery operated allowing it to be installed with ease. The 1 wheel configuration allows full dimming control (256 levels) and on/off capability. The controller has a power saving mode which allows the replaceable battery to last up to 2 years. When coupled with the ML-1009FAWI the LED products can operated by IOS or Android APP's as well as the ML-2836DIM-US.



<b>FUNCTIONS</b>	On/Off switch and 0-100% dimmer
<b>OPERATING VOLTAGE</b>	4.5VDC battery (not included)
<b>OPERATING FREQUENCY</b>	434MHz RF
<b>DIMENSIONS</b>	L: 75mm   H:120mm   D:41mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI





## RGB WALL TOUCH PANEL CONTROLLER

**ML-2820-US3**

The 2820-US3 glass wall controller from M-Elec allows easier connections without the need for complicated wiring or connections. With a simple interface, the ML-2820-US3 allows the user to have 3 separate zones which can be operated separately or can be synchronized. With 10 pre-set colour sequences and full RGB/W control, the ML-2820-US3 is both easy to wire and operate.



<b>COLOUR CONTROL</b>	RGB + white
<b>FUNCTIONS</b>	3 zone controller (seperately or synchronized), RGBW colour change speed, 10 changing modes, dimming and speed control
<b>INPUT VOLTAGE</b>	240V AC
<b>OPERATING FREQUENCY</b>	434MHz RF
<b>DIMENSIONS</b>	L: 75mm   H:120mm   D:30.5mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI



## RGB WALL TOUCH PANEL CONTROLLER

**ML-2820**

This glass wall controller from M-Elec allows easier connections without the need for complicated wiring or connections. With a simple interface the ML-2820 allows the user to store up to 3 different scenes or colours for easy recall. The wireless receiver works quickly and can save large amounts of time and money by cutting out interconnecting cables between the controller and the receiver. With 10 pre-set colour sequences and full RGB/W control, the ML-2820 is both easy to wire and operate.



<b>COLOUR CONTROL</b>	RGB + white
<b>FUNCTIONS</b>	RGB colour change, 10 pre-set RGB modes, dimming and white colour control
<b>INPUT VOLTAGE</b>	240V AC
<b>OPERATING FREQUENCY</b>	434MHz RF
<b>DIMENSIONS</b>	L: 75mm   H:120mm   D:30.5mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI



## RGBW REMOTE CONTROLLER

**ML-2819S**

The RGBW wireless controller is the 'all round' pick of remotes for RGB and RGBW LED strips. Working with the ML-1009FAWI 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.



<b>COLOUR CONTROL</b>	RGB + white
<b>FUNCTIONS</b>	RGB colour change, white control, 4 zones (separate or synchronised), 3 different scenes & dimming control
<b>OPERATING VOLTAGE</b>	4.5VDC battery (not included)
<b>OPERATING FREQUENCY</b>	434MHz
<b>DIMENSIONS</b>	L: 55mm   H: 120mm   D: 21mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI



## RGBW REMOTE CONTROLLER

**ML-2819T8**

This RGBW wireless remote offers up to 8 zones of RGBW all in 1 remote. Working wirelessly with the ML-1009FAWI receiver this remote has full control of all colours individually and allows both speed and brightness control of the various modes. With storage cradle.



<b>COLOUR CONTROL</b>	RGB + white
<b>FUNCTIONS</b>	RGB colour change, white control, 8 zones, speed & brightness control
<b>INPUT VOLTAGE</b>	2 x AAA batteries (not included)
<b>WORKS WITH</b>	ML-1009FAWI
<b>DIMENSIONS</b>	L: 44mm   H: 131mm   D: 24mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI



## SINGLE COLOUR REMOTE CONTROLLER

**ML-2819SDIM**

The single colour controller offers smooth and consistent remote dimming via RF (Radio Frequency) to control any LED product connected to the receiver (purchased separately). The ML-2819SDIM also features 4 zone control and 3 memory functions that can memorise your perfect settings.



WARRANTY

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<b>COLOUR CONTROL</b>	Single colour
<b>FUNCTIONS</b>	Control 4 zones (separately or synchronised) 3 different scenes & dimming control
<b>OPERATING VOLTAGE</b>	4.5VDC battery (not included)
<b>OPERATING FREQUENCY</b>	434MHz
<b>DIMENSIONS</b>	L: 55mm   H: 120mm   D: 17mm
<b>REQUIRED RECEIVER</b>	ML-1009FAWI



## 0-10V SIGNAL DIMMER

**ML-DIM-S**

M-Elec's plate mounted 0-10V signal dimmer allows the user to blend the 0-10V controller with traditional dimmers and switch plates seamlessly. Integrating into Clipsal style switch plates and working with one or multiple 1-10V controllers, the ML-DIM-S will dim LED strips and modules perfectly.



WARRANTY



## 4 CHANNEL DIMMER

**ML-2002**

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 Dyalnrite and C-Bus systems (see manufacturer for details).



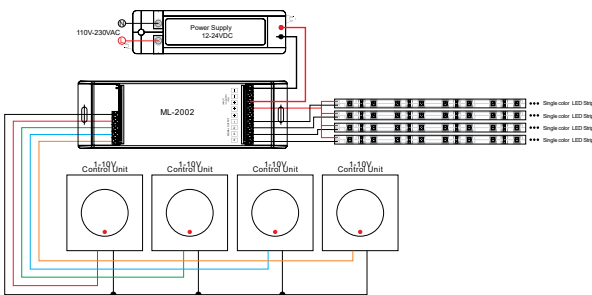
## RF & WIFI RECEIVER

**ML-1009FAWI**

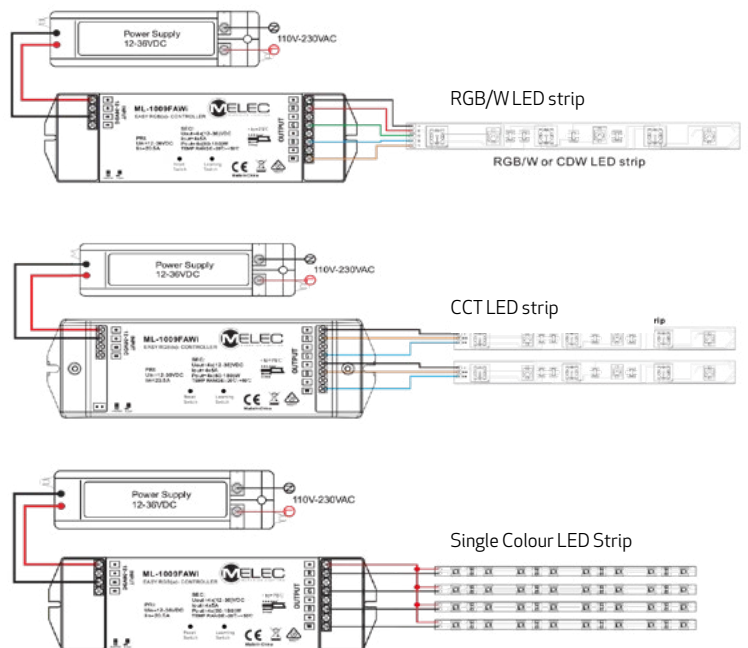
This multi featured RGBW controller works with various remotes and controllers while also operating independently with the use of the "Easylighting" APP. With both master and slave modes this wireless receiver saves money on running cables and allows larger runs of strip. Maximum number of controllers utilising the same receiver is 8 and RGB, RGBW and Hybrid strips can be controlled from the ML-1009FAWI.



- INPUT VOLTAGE** 12-36VDC
- INPUT CONTROL** 1-10V signal
- INPUT CHANNELS** 4
- OUTPUT POWER** 4x (60-180)W
- OUTPUT CHANNELS** 4
- DIMENSIONS** L: 166mm | H: 23mm | D: 53.4mm



- COLOUR CONTROL** RGB, RGB + White or Hybrid strip
- INPUT VOLTAGE** 12-36VDC
- OUTPUT CURRENT** 4CH, 5A/CH
- OUTPUT POWER** 60-180W per channel
- OUTPUT TYPE** Constant voltage
- DIMENSIONS** L: 179mm | H: 57mm | D: 21mm







## 4 CHANNEL DALI DIMMER

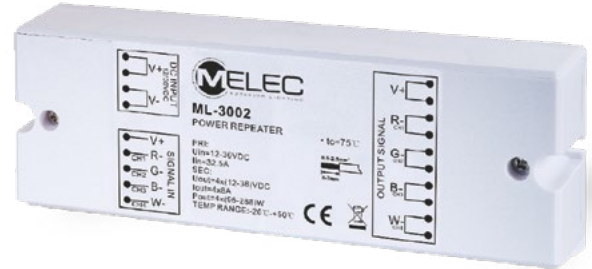
### ML-2303BEA

The new 4 channel DALI dimmer unit allows easy DALI address programming either manually or automatically offering RGB, RGB + white or Hybrid strip colour control from the one unit.

Digital indicator for address display, with 4 channel capability the DALI addresses can be set from one to four. Matching all DALI systems in the market place.



<b>COLOUR CONTROL</b>	RGB, RGB + white or Hybrid strips
<b>INPUT VOLTAGE</b>	12-36VDC
<b>INPUT CONTROL</b>	DALI
<b>INPUT CHANNELS</b>	4
<b>OUTPUT POWER</b>	4X (96-288)W
<b>SUITABLE STRIP</b>	RGB, CCT & RGBW
<b>OUTPUT CURRENT</b>	1-4A X 4 channels
<b>DIMENSIONS</b>	L: 169mm   H: 59mm   D: 28.6mm



## POWER AMP

### ML-3002

The 4 channel power amplifier allows continuous wired expansion for all M-Elec strip installations.

The ML-3002 receives a signal and amplifies it allowing the installer to wire more strips or modules.



<b>COLOUR CONTROL</b>	RGB or RGB + white
<b>INPUT VOLTAGE</b>	12-36VDC
<b>OUTPUT CURRENT</b>	4CH, 5A/CH
<b>OUTPUT POWER</b>	4X (96-288)W
<b>OUTPUT TYPE</b>	Constant voltage
<b>DIMENSIONS</b>	L: 169mm   H: 59mm   D: 28mm



## STITCHY SINGLE COLOUR SMART CONTROLLER

### ML-ST-1CH\*

Complementing the Stitchy range of products is the 1 & 5 channel strip controllers. Easily voice control your LED strips to dim up and down with the 1 channel controller all through Alexa, HomeKit, Google Home or utilising their APP. With smooth dimming and easy to set up, this range of controllers leads the way in LED strip home automation.



WARRANTY

<b>INPUT VOLTAGE</b>	12-36VDC
<b>INPUT CONTROL</b>	Zigbee 3.0
<b>INPUT CHANNELS</b>	1(+ optional push switch)
<b>OUTPUT POWER</b>	1X (96-288)W
<b>SUITABLE STRIP</b>	Single colour
<b>OUTPUT CURRENT</b>	8A X 1 channel
<b>DIMENSIONS</b>	L: 100mm   H: 38mm   D: 21mm

## STITCHY RGB COLOUR SMART CONTROLLER

### ML-ST-5CH\*

Easily voice control your RGB coloured LED strips all through Alexa, HomeKit, Google Home or utilising their APP. Installation is easy, this range of controllers leads the way in LED strip home automation.



WARRANTY

<b>COLOUR CONTROL</b>	RGB or RGB + white or RGB + white + warm white
<b>INPUT CONTROL</b>	Zigbee 3.0
<b>INPUT VOLTAGE</b>	12-36VDC
<b>OUTPUT CURRENT</b>	5CH, 5A/CH
<b>OUTPUT POWER</b>	5X (60-180)W
<b>OUTPUT TYPE</b>	Constant voltage
<b>DIMENSIONS</b>	L: 170mm   H: 59mm   D: 28.5mm

\*ZIGBEE HUB (SUCH AS HUE BRIDGE) IS REQUIRED

**Easily voice control your lighting with Stitchy - for more information on this innovation visit our website**



**ALU-R & STANDARD 4.8W WARM WHITE STRIP**  
@ Canberra, ACT

# Power Supplies

## CONSTANT VOLTAGE



### ML-PS20

POWER (MAX)	20W
MAX. LOAD WATTAGE	16W
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V DC
OUTPUTS	1
IP RATING	IP67
WARRANTY	3 years
SIZE	Length: 165mm   Width: 29mm   Height: 20mm
KIT INCLUDES	1 x Power supply with flex & plug



### ML-PSWP30

POWER (MAX)	30W
MAX. LOAD WATTAGE	24W
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V DC
OUTPUTS	1
IP RATING	IP67
WARRANTY	3 years
SIZE	Length: 222mm   Width: 29mm   Height: 20mm
KIT INCLUDES	1 x Power supply with flex & plug



### ML-PSWP60

POWER (MAX)	60W
MAX. LOAD WATTAGE	48W
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V DC
OUTPUTS	2
IP RATING	IP67
WARRANTY	3 years
SIZE	Length: 178mm   Width: 66mm   Height: 49mm
KIT INCLUDES	1 x Power supply with flex & plug



### ML-PSWP100

POWER (MAX)	100W
MAX. LOAD WATTAGE	80W
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V DC
OUTPUTS	2
IP RATING	IP67
WARRANTY	3 years
SIZE	Length: 240mm   Width: 66mm   Height: 50mm
KIT INCLUDES	1 x Power supply with flex & plug



### ML-PSWP150

POWER (MAX)	150W
MAX. LOAD WATTAGE	120W
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V DC
OUTPUTS	2
IP RATING	IP67
WARRANTY	3 years
SIZE	Length: 240mm   Width: 66mm   Height: 57mm
KIT INCLUDES	1 x Power supply with flex & plug



### ML-PSWP200

POWER (MAX)	200W
MAX. LOAD WATTAGE	160W
INPUT VOLTAGE	240V
OUTPUT VOLTAGE	12V DC
OUTPUTS	4
IP RATING	IP67
WARRANTY	3 years
SIZE	Length: 235mm   Width: 132mm   Height: 65mm
KIT INCLUDES	1 x Power supply with flex & plug

## CONSTANT VOLTAGE & TRIAC DIMMABLE



**ML-PSWP300**

<b>POWER (MAX)</b>	300W
<b>MAX. LOAD WATTAGE</b>	240W
<b>INPUT VOLTAGE</b>	240V
<b>OUTPUT VOLTAGE</b>	12V DC
<b>OUTPUTS</b>	3
<b>IP RATING</b>	IP66
<b>WARRANTY</b>	3 years
<b>SIZE</b>	Length: 275mm   Width: 115mm   Height: 50mm
<b>KIT INCLUDES</b>	1 x Power supply with flex & plug



**ML-PSD10**

<b>POWER (MAX)</b>	10W
<b>MAX. LOAD WATTAGE</b>	10W
<b>DIMMABLE</b>	Yes
<b>INPUT VOLTAGE</b>	180-240V AC
<b>OUTPUT VOLTAGE</b>	12V DC
<b>IP RATING</b>	IP20
<b>WARRANTY</b>	3 years
<b>SIZE</b>	Length: 110mm   Width: 45mm   Height: 26mm



**ML-PSD20**

<b>POWER (MAX)</b>	20W
<b>MAX. LOAD WATTAGE</b>	20W
<b>DIMMABLE</b>	Yes
<b>INPUT VOLTAGE</b>	180-250V AC
<b>OUTPUT VOLTAGE</b>	12V DC
<b>IP RATING</b>	IP20
<b>WARRANTY</b>	3 years
<b>SIZE</b>	Length: 110mm   Width: 45mm   Height: 26mm



**ML-PSD30**

<b>POWER (MAX)</b>	30W
<b>MAX. LOAD WATTAGE</b>	30W
<b>DIMMABLE</b>	Yes
<b>INPUT VOLTAGE</b>	180-250V AC
<b>OUTPUT VOLTAGE</b>	12V DC
<b>IP RATING</b>	IP20
<b>WARRANTY</b>	3 years
<b>SIZE</b>	Length: 150mm   Width: 55mm   Height: 33mm



**ML-PSD80**

<b>POWER (MAX)</b>	80W
<b>MAX. LOAD WATTAGE</b>	80W
<b>DIMMABLE</b>	Yes
<b>INPUT VOLTAGE</b>	180-240V AC
<b>OUTPUT VOLTAGE</b>	12V DC
<b>OUTPUTS</b>	1
<b>IP RATING</b>	IP66
<b>WARRANTY</b>	3 years
<b>SIZE</b>	Length: 200mm   Width: 70mm   Height: 42mm



**ML-PSD200**

<b>POWER (MAX)</b>	200W
<b>MAX. LOAD WATTAGE</b>	200W
<b>DIMMABLE</b>	Yes
<b>INPUT VOLTAGE</b>	180-250V AC
<b>OUTPUT VOLTAGE</b>	12V DC
<b>OUTPUTS</b>	2
<b>IP RATING</b>	IP66
<b>WARRANTY</b>	3 years
<b>SIZE</b>	Length: 256mm   Width: 80mm   Height: 53mm



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## **PLEASE NOTE**

All the information is subject to change without notice. Please see [www.melec.com.au](http://www.melec.com.au) for the latest information on products.

M-Elec always suggests maximum distances for LED strip to be 3m for ML-SMD-28.8-RGBHY and 5m for all other strips. This will prevent burn out of connectors, light fade and other problems.

M-Elec always suggest DIRECT SOLDER for the most effective and long term electrical termination. While connectors are provided we suggest using a small tipped soldering iron to make the best connections possible.

Please contact M-Elec for help or assistance with wiring, layout, design, power calculations or any other area of help needed.



**Using our diverse range of LED strip, you will have the tools to elevate your space and achieve a luxurious look both inside and out.**

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