

## AT9208 White

AT9208/WW/KIT/5M

LED STRIP KIT - IP54 - 4.8W/m - White

### Features

- Superior 24V design
- Weather resistant IP54
- Flexible, quality LED housing
- Includes 24V power supply
- D.I.Y. easy install
- Includes 3 strip connectors
- Supplied with 3M adhesive tape



### ORDERING INFORMATION

<b>Order code</b>	11504
<b>Description</b>	5m 4.8W/m 24V LED STRIP KIT IP54 WW
<b>Driver Power</b>	24 W
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9208/WW/KIT/5M

### MECHANICAL

<b>IP Rating</b>	IP54
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### ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Current</b>	0.5 A
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	24 W
<b>Watts Per Meter (W/m)</b>	4.8
<b>Working Temp Range</b>	40 °C

### LAMP

<b>Macadam Steps (SDCM)</b>	5-step MacAdam Ellipse
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Lamp/LED voltage</b>	24 V
<b>LED's per meter</b>	60
<b>Lumens /m</b>	380 lm/m

### LED LIFETIME

<b>Ambient Temp (°C)</b>	25 °C	40 °C
<b>L70B50</b>	>50000 hrs	>50000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

<b>TM-21 Test Hours</b>	9000 hrs
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### COLOUR TEMPERATURE

<b>CCT</b>	3000 K
<b>CCT Colour</b>	Warm White
<b>LED Wattage</b>	24 W
<b>System Lumens</b>	1900 lm

All photometric data has a tolerance of ±10%.

## DRIVER

<b>Driver Included</b>	Yes
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Flex &amp; Plug or Lead Length</b>	1500 mm
<b>Wiring Type</b>	Re-wireable Flex & Plug (2 pin)

## COMPLIANCE

<b>Product Design Life</b>	10 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

<b>Daily Use</b>	12 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

<b>Standards</b>	AS/NZS 60598.1 IEC 60598.2.21 AS/NZS 61347.1 AS/NZS 61347.2.13 AS/NZS 3112 EN 55015 IEC 60086.4 IEC 62031 IEC 62471 IEC 62493
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## WARRANTY

<b>Commercial Use Warranty</b>	2 RTB (Total 2 Years)
<b>Domestic Use Warranty</b>	3 (Yr) RTB
<b>VIP Warranty</b>	2 Onsite, 3 RTB (Total 5 Years)

VIP warranty is available to registered users and is subjected to additional terms and conditions.

<b>Warranty Operating Hours</b>	13000 hrs
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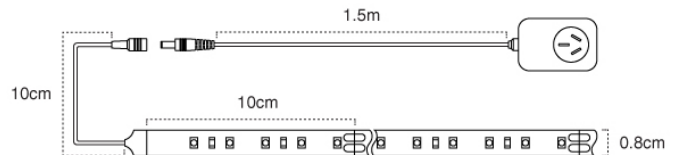
This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

## DIMENSIONS

<b>Cutting Interval</b>	100 mm
<b>Product Height</b>	3 mm
<b>Product Length</b>	5000 mm
<b>Maximum End to End Length</b>	5000 mm
<b>Product Width</b>	8 mm

## LINE DRAWINGS

### AT9208



## AT9208 White

AT9208/WW/KIT/10M

LED STRIP KIT - IP54 - 3.6W/m - White

### Features

- Superior 24V design
- Weather resistant IP54
- Flexible, quality LED housing
- Includes 24V power supply
- D.I.Y. easy install
- Includes 3 strip connectors
- Supplied with 3M adhesive tape



### ORDERING INFORMATION

<b>Order code</b>	11508
<b>Description</b>	10m 3.6W/m 24V LED STRIP KIT IP54 WW
<b>Driver Power</b>	36 W
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9208/WW/KIT/10M

### MECHANICAL

<b>IP Rating</b>	IP54
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### ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Current</b>	0.6 A
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	36 W
<b>Watts Per Meter (W/m)</b>	3.6
<b>Working Temp Range</b>	40 °C

### LAMP

<b>Macadam Steps (SDCM)</b>	5-step MacAdam Ellipse
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Lamp/LED voltage</b>	24 V
<b>LED's per meter</b>	60
<b>Lumens /m</b>	270 lm/m

### LED LIFETIME

<b>Ambient Temp (°C)</b>	25 °C	40 °C
<b>L70B50</b>	>50000 hrs	>50000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

<b>TM-21 Test Hours</b>	9000 hrs
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### COLOUR TEMPERATURE

<b>CCT</b>	3000 K
<b>CCT Colour</b>	Warm White
<b>LED Wattage</b>	36 W
<b>System Lumens</b>	2700 lm

All photometric data has a tolerance of ±10%.

## DRIVER

<b>Driver Included</b>	Yes
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Flex &amp; Plug or Lead Length</b>	1500 mm
<b>Wiring Type</b>	Re-wireable Flex & Plug (2 pin)

## COMPLIANCE

<b>Product Design Life</b>	10 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

<b>Daily Use</b>	12 hrs
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The Daily Use is the recommended time required to meet the product's design life. Installations can exceed this time, however the product design life will be reduced proportionally.

<b>Standards</b>	AS/NZS 60598.1 IEC 60598.2.21 AS/NZS 61347.1 AS/NZS 61347.2.13 AS/NZS 3112 EN 55015 IEC 60086.4 IEC 62031 IEC 62471 IEC 62493
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## WARRANTY

<b>Commercial Use Warranty</b>	2 RTB (Total 2 Years)
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<b>Domestic Use Warranty</b>	3 (Yr) RTB
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<b>VIP Warranty</b>	2 Onsite, 3 RTB (Total 5 Years)
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VIP warranty is available to registered users and is subjected to additional terms and conditions.

<b>Warranty Operating Hours</b>	13000 hrs
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This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

## DIMENSIONS

<b>Cutting Interval</b>	100 mm
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<b>Product Height</b>	3 mm
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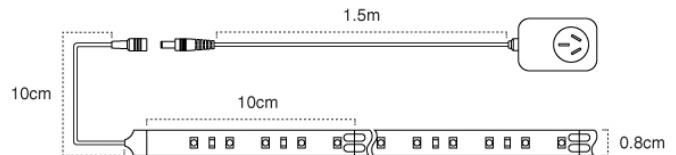
<b>Product Length</b>	10000 mm
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<b>Maximum End to End Length</b>	10000 mm
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<b>Product Width</b>	8 mm
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## LINE DRAWINGS

### AT9208



## AT9208 White

AT9208/CW/KIT/5M

LED STRIP KIT - IP54 - 4.8W/m - White

### Features

- Superior 24V design
- Weather resistant IP54
- Flexible, quality LED housing
- Includes 24V power supply
- D.I.Y. easy install
- Includes 3 strip connectors
- Supplied with 3M adhesive tape



### ORDERING INFORMATION

<b>Order code</b>	11505
<b>Description</b>	5m 4.8W/m 24V LED STRIP KIT IP54 CW
<b>Driver Power</b>	24 W
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9208/CW/KIT/5M

### MECHANICAL

<b>IP Rating</b>	IP54
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### ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Current</b>	0.5 A
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
In Australia the Input voltage is defined as 230Vac -6%/+10%. This effectively means that the voltage range of these products are 216Vac - 253Vac or 240V +6%	
<b>Maximum Wattage</b>	24 W
<b>Watts Per Meter (W/m)</b>	4.8
<b>Working Temp Range</b>	40 °C

### LAMP

<b>Macadam Steps (SDCM)</b>	5-step MacAdam Ellipse
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Lamp/LED voltage</b>	24 V
<b>LED's per meter</b>	60
<b>Lumens /m</b>	380 lm/m

### LED LIFETIME

<b>Ambient Temp (°C)</b>	25 °C	40 °C
<b>L70B50</b>	>50000 hrs	>50000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

<b>TM-21 Test Hours</b>	9000 hrs
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### COLOUR TEMPERATURE

<b>CCT</b>	4000 K
<b>CCT Colour</b>	Cool White
<b>LED Wattage</b>	24 W
<b>System Lumens</b>	1900 lm

All photometric data has a tolerance of ±10%.

## DRIVER

<b>Driver Included</b>	Yes
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Flex &amp; Plug or Lead Length</b>	1500 mm
<b>Wiring Type</b>	Re-wireable Flex & Plug (2 pin)

## COMPLIANCE

<b>Product Design Life</b>	10 years
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The product design life relates to the total product life which includes LEDs, drivers and the enclosure. This is different to the LED lifetime which only refers to the economical lifetime of the LEDs at which time the lumen output has dropped below the L Value. The product design life is calculated at the maximum ambient or working temperature of the product and takes into account the Daily Use.

<b>Daily Use</b>	12 hrs
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<b>Standards</b>	AS/NZS 60598.1 IEC 60598.2.21 AS/NZS 61347.1 AS/NZS 61347.2.13 AS/NZS 3112 EN 55015 IEC 60086.4 IEC 62031 IEC 62471 IEC 62493
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## WARRANTY

<b>Commercial Use Warranty</b>	2 RTB (Total 2 Years)
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<b>Domestic Use Warranty</b>	3 (Yr) RTB
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<b>VIP Warranty</b>	2 Onsite, 3 RTB (Total 5 Years)
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VIP warranty is available to registered users and is subjected to additional terms and conditions.

<b>Warranty Operating Hours</b>	13000 hrs
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## DIMENSIONS

<b>Cutting Interval</b>	100 mm
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<b>Product Height</b>	3 mm
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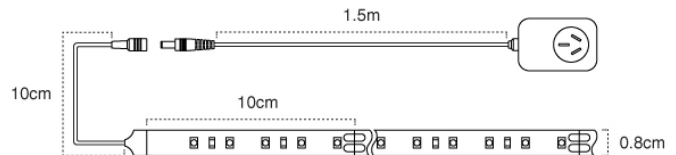
<b>Product Length</b>	5000 mm
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<b>Maximum End to End Length</b>	5000 mm
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<b>Product Width</b>	8 mm
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## LINE DRAWINGS

### AT9208



## AT9208 White

AT9208/CW/KIT/10M

LED STRIP KIT - IP54 - 3.6W/m - White

### Features

- Superior 24V design
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### ORDERING INFORMATION

<b>Order code</b>	11509
<b>Description</b>	10m 3.6W/m 24V LED STRIP KIT IP54 CW
<b>Driver Power</b>	36 W
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9208/CW/KIT/10M

### MECHANICAL

<b>IP Rating</b>	IP54
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### ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Current</b>	0.6 A
<b>Input Frequency</b>	50 Hz
<b>Input voltage</b>	230Vac
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<b>Maximum Wattage</b>	36 W
<b>Watts Per Meter (W/m)</b>	3.6
<b>Working Temp Range</b>	40 °C

### LAMP

<b>Macadam Steps (SDCM)</b>	5-step MacAdam Ellipse
<b>CCT Configuration</b>	Single
<b>CRI</b>	>80
<b>Lamp/LED voltage</b>	24 V
<b>LED's per meter</b>	60
<b>Lumens /m</b>	288 lm/m

### LED LIFETIME

<b>Ambient Temp (°C)</b>	25 °C	40 °C
<b>L70B50</b>	>50000 hrs	>50000 hrs

This rating defines the performance of the led within its lifetime. L relates to lumen depreciation, where the proceeding number gives the resultant lumen output at the end of it reported lifetime. L70, would mean 30% lumen depreciation which means 70% of its initial output and is tested accordingly to TM-21. The B part refers to failures, which can be define as the percentage of LEDs which fall below the L value in the projected lifetime. A value of B10 refers to 10% failure and a value of B50 refers to 50% failure. After the defined lifetime, the system will reach the defined lumen depreciation and the average led failures is defined by the B rating. The B rating is defined in and tested to IEC62717.

<b>TM-21 Test Hours</b>	9000 hrs
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### COLOUR TEMPERATURE

<b>CCT</b>	4000 K
<b>CCT Colour</b>	Cool White
<b>LED Wattage</b>	36 W
<b>System Lumens</b>	2880 lm

All photometric data has a tolerance of ±10%.

## DRIVER

<b>Driver Included</b>	Yes
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Flex &amp; Plug or Lead Length</b>	1500 mm
<b>Wiring Type</b>	Re-wireable Flex & Plug (2 pin)

## COMPLIANCE

<b>Product Design Life</b>	10 years
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<b>Warranty Operating Hours</b>	13000 hrs
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This product is provided with a warranty up until the stated warranty period or until the stated warranty operating hours has been reached (whichever occurs first).

## DIMENSIONS

<b>Cutting Interval</b>	100 mm
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<b>Product Height</b>	3 mm
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<b>Product Length</b>	10000 mm
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<b>Maximum End to End Length</b>	10000 mm
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<b>Product Width</b>	8 mm
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## LINE DRAWINGS

### AT9208

