atom

AT9208 White

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

MECHANICAL

IP Rating	IP54

ELECTRICAL

Electrical Rating	Class II

Input Current	
AT9208/CW/KIT/10M AT9208/WW/KIT/10M	0.6 A
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	0.5 A

Input Frequency	50 Hz
Input voltage	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%

Maximum Wattage	
AT9208/CW/KIT/10M AT9208/WW/KIT/10M	36 W
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	24 W

Watts Per Meter (W/m)	
AT9208/CW/KIT/10M AT9208/WW/KIT/10M	3.6
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	4.8

Working Temp Range	40 °C

LAMP

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

Lumens /m	
AT9208/CW/KIT/10M	288 lm/m
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	380 lm/m
AT9208/WW/KIT/10M	270 lm/m

LED LIFETIME

LED Lifetime	>54000 hrs

This is the Reported LED Lifetime in Hours based on TM-21. Atom does not list the projected or calculated LED lifetime, which is normally longer as TM-21 Addendum B explicitly states " The Calculated and Projected Lp(Dk) are not to be reported: This Lifetime refers to the life of a single LED however the system life is longer since the probability and binomial distribution of all LEDs in the system means that the average led is performing above the specification and compensates for the LEDs falling below.

TM-21 Test Hours	9000 hrs

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COLOUR TEMPERATURE

CCT

AT9208/CW/KIT/10M AT9208/CW/KIT/5M	4000 K
AT9208/WW/KIT/10M AT9208/WW/KIT/5M	3000 K

CCT Colour

AT9208/CW/KIT/10M AT9208/CW/KIT/5M	Cool White
AT9208/WW/KIT/10M AT9208/WW/KIT/5M	Warm White

LED Wattage

AT9208/CW/KIT/10M AT9208/WW/KIT/10M	36 W
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	24 W

System Lumens

AT9208/CW/KIT/10M	2880 lm
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	1900 lm
AT9208/WW/KIT/10M	2700 lm

DRIVER

Driver Current

AT9208/CW/KIT/10M AT9208/WW/KIT/10M	1500 mA
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	1000 mA
Driver Included	Yes
Driver Mode	Constant Current

Driver Power

AT9208/CW/KIT/10M AT9208/WW/KIT/10M	36 W
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	24 W
Driver Type	Fixed output
Flex & Plug or Lead Length	1500 mm
Output voltage Range	24
Wiring Type	Re-wireable Flex & Plug (2 pin)

WARRANTY

Domestic Use Warranty	3 (Yr) RTB

DIMENSIONS

Cutting Interval	100 mm
Product Height	3 mm

Product Length

AT9208/CW/KIT/10M AT9208/WW/KIT/10M	10000 mm
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	5000 mm

Maximum End to End Length

AT9208/CW/KIT/10M AT9208/WW/KIT/10M	10000 mm
AT9208/CW/KIT/5M AT9208/WW/KIT/5M	5000 mm
Product Width	8 mm

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Ordering Information

Order code	Item Code	Description
11509	AT9208/CW/KIT/10M	10m 3.6W/m 24V LED STRIP KIT IP54 CW
11505	AT9208/CW/KIT/5M	5m 4.8W/m 24V LED STRIP KIT IP54 CW
11508	AT9208/WW/KIT/10M	10m 3.6W/m 24V LED STRIP KIT IP54 WW
11504	AT9208/WW/KIT/5M	5m 4.8W/m 24V LED STRIP KIT IP54 WW

Line Drawings

AT9208
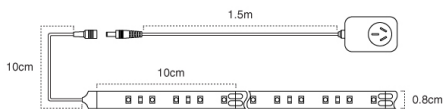
Accessories

Order code	Item Code	Description
16678	AT9220/1M	Square Shallow Extrusion KIT - 1M
16679	AT9220/2M	Square Shallow Extrusion KIT - 2M
10173	AT9221/1M	Square Deep Extrusion KIT - 1M
12057	AT9221/2M	Square Deep Extrusion KIT - 2M
10163	AT9226/1M	Square Corner Extrusion KIT - 1M
12208	AT9227/1M	Triangular Corner Extrusion KIT - 1M
16685	AT9227/2M	Triangular Corner Extrusion KIT - 2M
10520	AT9228/2M	Square Deep Recessed Extrusion KIT - 2M
16681	AT9232/2M	Square Shallow Recessed Extrusion KIT - 2M
16684	AT9235/2M	Square Deep Extrusion KIT - 2M
16648	AT9261/RGB	4-Channel Amplifier/Repeater for LED Strip