

## AT9500 (24VDC)

3W LED Square recessed step light

- Ideal for residential and commercial lighting applications
- Suitable for recessed installation
- Ideal for lighting stairs, walkways and corridors.
- Available in Clear and Opal diffused lens
- Low voltage (24V DC) operation
- 24V Driver sold separately



### ORDERING INFORMATION

<b>Order code</b>	12672
<b>Description</b>	3w 24 Volt DC CV LED Square (70x70) Recessed Step Light - WHT -4000K- Opal Lens
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9500/24V/WH/CW/O

### EFFICIENCIES

**Total System Efficiency** 33 lm/W

The performance of each component of a luminaire is demonstrated through its efficiencies, which together determine the total system efficiency of the product. The output of the LED chip is first multiplied by the optical and thermal efficiencies to calculate the Luminaire efficiency. However, this calculation does not consider the driver efficiency. To determine the overall efficiency of the system, the Luminaire efficiency must be multiplied by the driver efficiency, which accounts for all losses in the system.

### MECHANICAL

<b>Adjustability</b>	Fixed
<b>Body Material</b>	Aluminium
<b>Diffuser Material</b>	Glass
<b>Product Finish</b>	Opal
<b>Fitting Colour</b>	White
<b>IC Rating</b>	IC-4

IC-4 rating has been conducted at the products maximum working Temperature Range (C) in line with Australian standards. This provides the required safety when covered with insulation and used in Australian Environments.

<b>Installation Type</b>	Recessed
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**IP Rating** IP54

### ELECTRICAL

<b>Input voltage</b>	24V DC
<b>Maximum Wattage</b>	3 W

### LAMP

<b>CCT Configuration</b>	Single
<b>Colour Rendering Index (CRI)</b>	>80
<b>Lamp/LED Current</b>	155 mA
<b>Lamp/LED voltage</b>	24 V
<b>LED Type</b>	Diffused
<b>Number of Lamps</b>	1

### LED LIFETIME

**LED Lifetime** 50000 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.

## COLOUR TEMPERATURE

<b>CCT</b>	4000 K
<b>CCT Colour</b>	Cool White
<b>LED Wattage</b>	3 W
<b>Luminaire Lumens</b>	100 lm

All photometric data has a tolerance of  $\pm 10\%$ . Luminaire lumens refers to the exit lumens or delivered lumens from the luminaire.

## DRIVER

<b>Driver Included</b>	No
<b>Integrated Driver</b>	No
<b>Driver Type</b>	Fixed output
<b>Flex &amp; Plug or Lead Length</b>	2m mm
<b>Wiring Type</b>	Flying leads (2 wire)

## COMPLIANCE

<b>Standards</b>	AS/NZS 60598.1 AS/NZS 60598.2.2 EN55015
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## WARRANTY

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

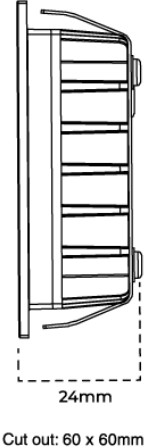
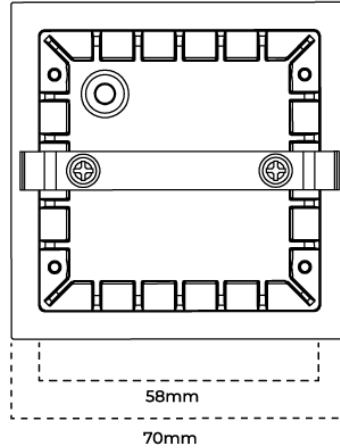
VIP warranty is available to registered users and is subjected to additional terms and conditions.

## DIMENSIONS

<b>Cutout</b>	60x60 mm
<b>Product Height</b>	70 mm
<b>Product Length</b>	70 mm
<b>Product Width</b>	24 mm

## LINE DRAWINGS

### AT9500/24V/CW/O



## Recommended Drivers

Order code	Item Code	Description
16091	<b>EV-DRIVER-24V-100W-ND</b>	100W 24V Constant Voltage Driver IP67 with 1m Flex and plug
16089	<b>EV-DRIVER-24V-40W-ND</b>	40W 24V Constant Voltage Driver IP67 with 1m Flex and plug
15795	<b>ZC-DRIVER-20K-ND-24V</b>	20W MAX Fixed output Constant Voltage LED Driver 24V CV
15798	<b>ZC-DRIVER-60K-ND-24V</b>	60W MAX Fixed output Constant Voltage LED Driver 24V CV