

## AT9014 (24VDC)

4W LED Adjustable Downlight (24V)

- Ideal for undershelf and accent lighting
- 24V Low voltage operation (driver not supplied)
- 2m Input cable



### ORDERING INFORMATION

<b>Order code</b>	12666
<b>Description</b>	4w 24 Volt DC Constant Voltage Mini Adjustable LED Downlight-WHT-Warm White
<b>Item Code</b>	AT9014/ADJ/24V/WH/WW

### EFFICIENCIES

**Total System Efficiency** 95 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>	Adjustable
<b>Body Material</b>	Aluminium
<b>Product Finish</b>	Matt
<b>Fitting Colour</b>	White
<b>IC Rating</b>	IC
<b>Installation Type</b>	Recessed
<b>IP Rating</b>	IP20

### ELECTRICAL

<b>Electrical Rating</b>	Class III
<b>Input voltage</b>	24V DV
<b>Maximum Wattage</b>	4 W
<b>Switch Type</b>	Inline
<b>Working Temp Range</b>	0 to 40 °C

### LAMP

<b>Beam Angle</b>	32 °
<b>CCT Configuration</b>	Single
<b>Colour Rendering Index (CRI)</b>	>80
<b>LED Type</b>	COB
<b>Maximum Bulb Wattage</b>	4 W
<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>	3000 K
<b>CCT Colour</b>	Warm White
<b>Luminaire Lumens</b>	340 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>Flex &amp; Plug or Lead Length</b>	2m mm
<b>Wiring Type</b>	Flying leads (2 wire)

## 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>	45 mm
<b>Product Diameter</b>	50 mm
<b>Product Height</b>	34 mm