

## AT9135 Hawk

### IP65 Led Security Spotlight

- Weatherproof: IP65 rated, resistant to harsh conditions.
- Durable: UV stable, corrosion-resistant plastic.
- Versatile: Tri-colour CCT LED for customised lighting.
- Reliable: 3-year warranty with a >108,000 hrs L70 lifetime.
- Quick Setup: Designed for easy installation.
- Large terminal block with room for cable entry.
- 230V 300W relay output
- PIR sensor
- Double insulated design



### ORDERING INFORMATION

<b>Order code</b>	13810
<b>Description</b>	Hawk 12W Twin LED Security Spotlight - IP65 - Black - w/PIR Sensor
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9135/2LT/S

### EFFICIENCIES

**Total System Efficiency** 123 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>Body Material</b>	ABS
<b>Diffuser Material</b>	Glass
<b>Fitting Colour</b>	Charcoal
<b>Installation Type</b>	Surface mount
<b>IP Rating</b>	IP65

### ELECTRICAL

<b>Electrical Rating</b>	Class II
<b>Input Current</b>	0.11 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>	18 W
<b>Working Temp Range</b>	-10 to 40 °C

### LAMP

<b>Macadam Steps (SDCM)</b>	6-step MacAdam Ellipse
<b>Beam Angle</b>	90 °
<b>CCT Configuration</b>	TRI-CCT
<b>Colour Rendering Index (CRI)</b>	>80
<b>LED Type</b>	COB

### LED LIFETIME

<b>LED Lifetime</b>	108000 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.	
<b>LED Lifetime Rating</b>	L70B10

## COLOUR TEMPERATURE

Warm White (3000 K)	2050 lm
Cool White (4000 K)	2170 lm
DayLight (5000 K)	2220 lm

## DRIVER

<b>Dimmable</b>	No
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Wiring Type</b>	Re-wireable terminal block (3 pin)

## SENSOR (S SUFFIX)

<b>Adjustable Detection Area / Sensitivity</b>	Yes
<b>Adjustable Hold Time</b>	No
<b>Adjustable Standby Level</b>	No
<b>Adjustable Standby Period</b>	No
<b>Corridor Function</b>	No
<b>Dawn Reset</b>	No
<b>Detection Range</b>	8 m
<b>Detection Angle</b>	120
<b>Dusk Mode</b>	Yes
<b>Lux Adjustment</b>	Yes
<b>Manual Override</b>	Yes
<b>Sensor Type</b>	PIR
<b>Switched Output</b>	Yes
<b>Switched Output Rating</b>	300 W

## COMPLIANCE

<b>Standards</b>	AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15
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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)

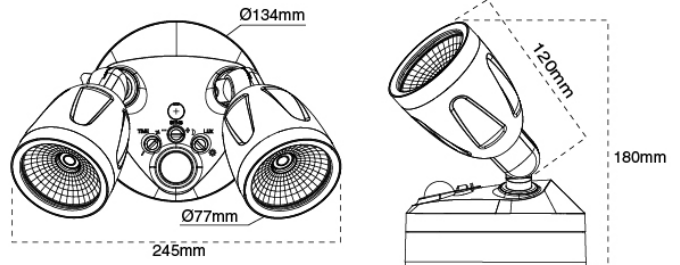
VIP warranty is available to registered users and is subjected to additional terms and conditions.

## DIMENSIONS

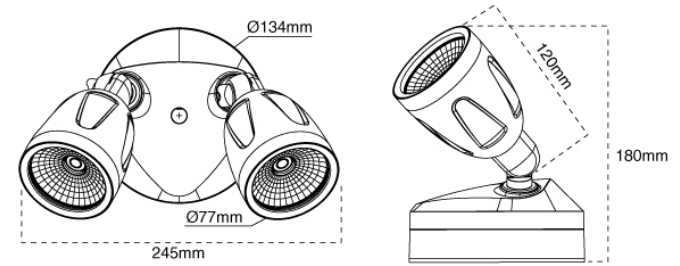
<b>Product Length</b>	180 mm
<b>Product Width</b>	245 mm

## LINE DRAWINGS

### AT9135/2LT/S

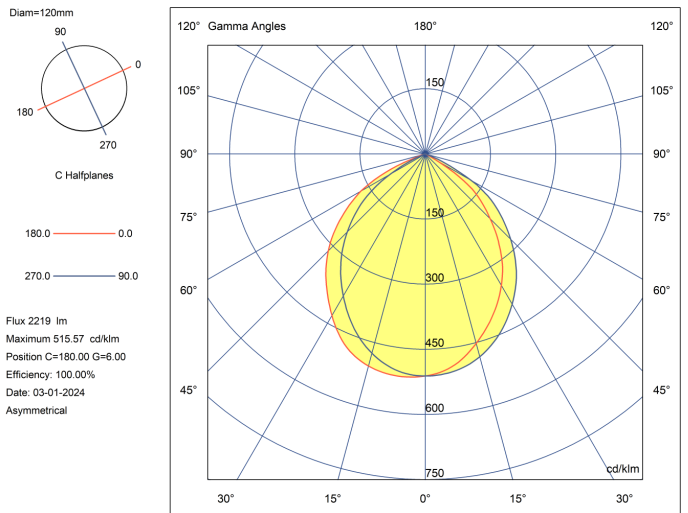


### AT9135/2LT

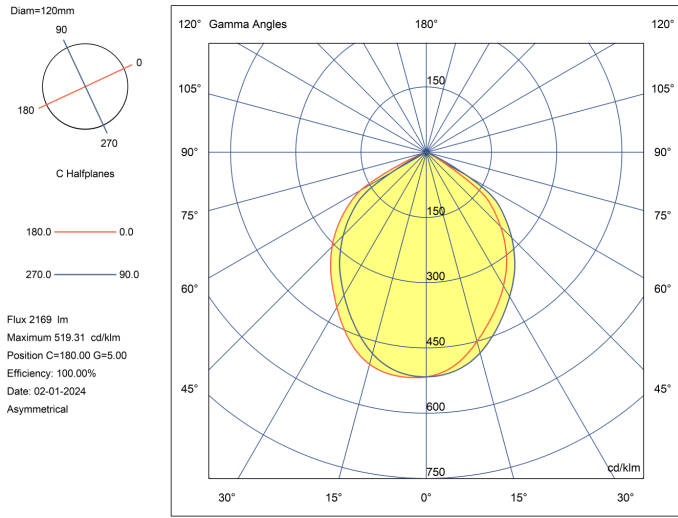


## PHOTOMETRICS

### AT9135/2LT/5000K



## AT9135/2LT/4000K



## AT9135/2LT/3000K

