

## Bat PAR38 Security Flood

### PAR38 LED Security Spotlight

- Ideal for front and back decks, verandas, balconies, walkways, driveways.
- IP54 weatherproof rating
- Easy to replace PAR38 LED globes



### ORDERING INFORMATION

<b>Order code</b>	12190
<b>Description</b>	Bat Par38 Single 15 Watt Flood- IP54 - Black
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	AT9140/1LT

### EFFICIENCIES

**Total System Efficiency** 100 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>	Polycarbonate
<b>Fitting Colour</b>	Black
<b>Installation Type</b>	Surface mount
<b>IP Rating</b>	IP54

### ELECTRICAL

<b>Electrical Rating</b>	Class II
<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>	15 W
<b>Working Temp Range</b>	40 °C

### LAMP

<b>Beam Angle</b>	40 °
<b>Bulb Type</b>	PAR38
<b>CCT Configuration</b>	Single
<b>Globe Included</b>	Yes

### LED LIFETIME

<b>LED Lifetime</b>	15000 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>	5000 K
<b>CCT Colour</b>	Daylight
<b>Luminaire Lumens</b>	1500 lm

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

## DRIVER

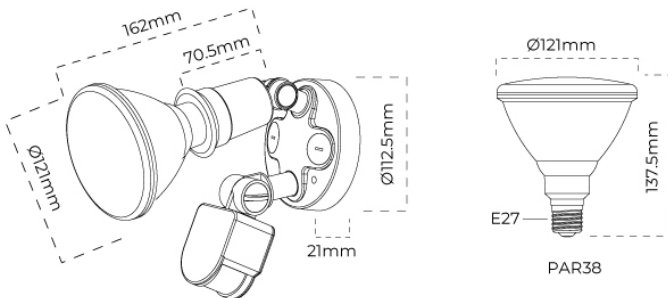
<b>Dimmable</b>	No
<b>Driver Included</b>	Yes
<b>Integrated Driver</b>	Yes
<b>Driver Mode</b>	Constant Current
<b>Driver Type</b>	Fixed output
<b>Wiring Type</b>	Re-wireable terminal block (3 pin)

## WARRANTY

<b>Domestic Use Warranty</b>	3 RTB (Total 3 Years)
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## LINE DRAWINGS

### AT9140/ILT/S



### AT9140/ILT

