

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.
- Double insulated design



ORDERING INFORMATION

| | |
|--------------------|---|
| Order code | 13807 |
| Description | Hawk 12W Single LED Security Spotlight - IP65 - Black |
| Driver Type | Fixed output |
| Item Code | AT9135/1LT |

EFFICIENCIES

Total System Efficiency 110 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

| | |
|--------------------------|---------------|
| Body Material | ABS |
| Diffuser Material | Glass |
| Fitting Colour | Charcoal |
| Installation Type | Surface mount |
| IP Rating | IP65 |

ELECTRICAL

| | |
|---|--------------|
| Electrical Rating | Class II |
| Input Current | 0.06 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 | 9 W |
| Working Temp Range | -10 to 40 °C |

LAMP

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

LED LIFETIME

LED Lifetime 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.

LED Lifetime Rating L70B10

COLOUR TEMPERATURE

| | |
|---------------------|--------|
| Warm White (3000 K) | 920 lm |
| Cool White (4000 K) | 975 lm |
| DayLight (5000 K) | 990 lm |

DRIVER

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

COMPLIANCE

| | |
|------------------|--|
| Standards | AS/NZS 60598.1 AS/NZS 60598.2.1 AS/NZS 61347.1 AS/NZS 61347.2.13 AS CISPR 15 |
|------------------|--|

WARRANTY

| | |
|------------------------------|---------------------------------|
| Domestic Use Warranty | 3 RTB (Total 3 Years) |
| VIP Warranty | 2 Onsite, 3 RTB (Total 5 Years) |

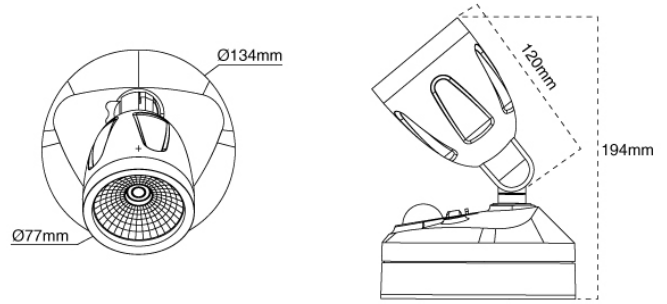
VIP warranty is available to registered users and is subjected to additional terms and conditions.

DIMENSIONS

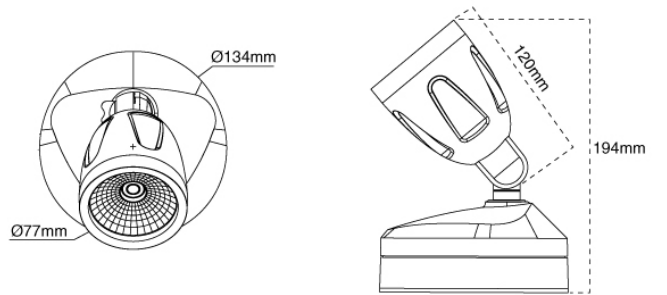
| | |
|-----------------------|--------|
| Product Length | 194 mm |
| Product Width | 134 mm |

LINE DRAWINGS

AT9135/ILT/S

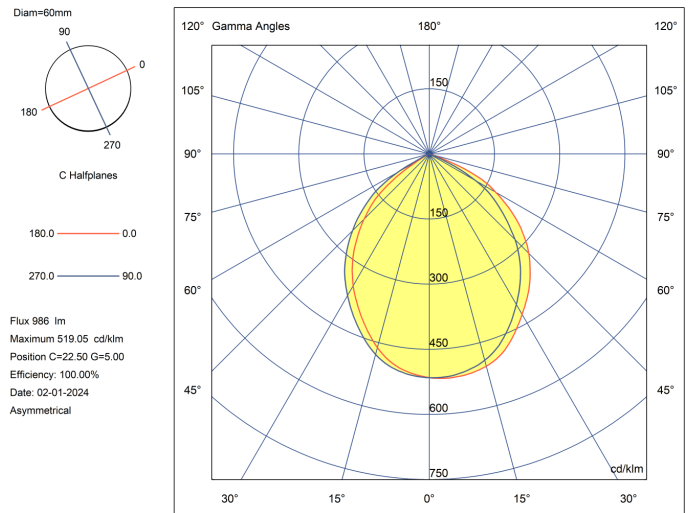


AT9135/ILT

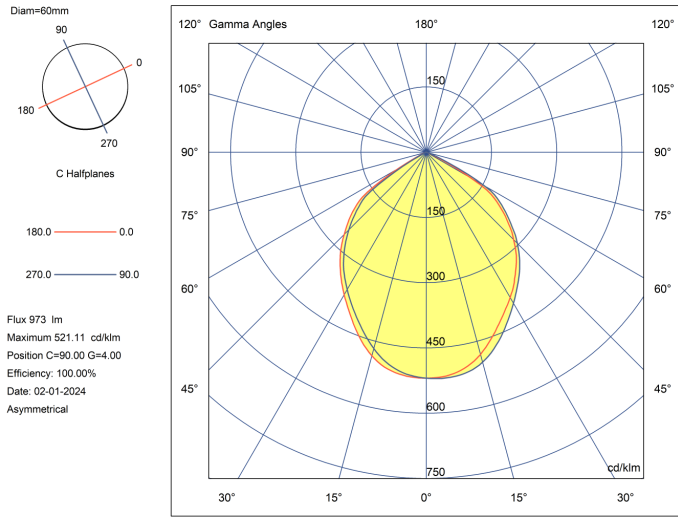


PHOTOMETRICS

AT9135/ILT/5000K



AT9135/1LT/4000K



AT9135/1LT/3000K

