



Condor

LED security spotlight

- Weatherproof IP65 rating
- Tri-colour LED
- Large terminals for easy installation
- 3 year warranty
- Built and designed for increased reliability
- Up to 20% higher Lumen output compared to previous versions



ORDERING INFORMATION

Order code	13964
Description	23W Twin Security Spot IP65 White
Driver Type	Fixed output
Item Code	CONDOR TWIN SPOT-13964
Driver Power	23 W

EFFICIENCIES

Total System Efficiency	106 lm/W
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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

IP Rating	IP65
Adjustability	Gimbal
Fitting Colour	White
Product Finish	Powdercoated
Body Material	Diecast Aluminium
Diffuser Material	Tempered Glass
Installation Type	Surface mount

ELECTRICAL

Working Temp Range	-10 to 40 °C
Input Frequency	50 Hz
Power Factor	0.5
Maximum Wattage	23 W
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%	
Input Current	0.23 A

LAMP

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

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.	
LED Lifetime Rating	L70B10



COLOUR TEMPERATURE

22 Watts	
Warm White (3000 K)	2200 lm
Cool White (4000 K)	2450 lm
DayLight (5000 K)	2400 lm

DRIVER

Driver Type	Fixed output
Driver Included	Yes
Integrated Driver	Yes
Dimmable	No
Driver Mode	Constant Current

COMPLIANCE

Standards	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

Warranty	5 Year Warranty, First 2 Years Onsite
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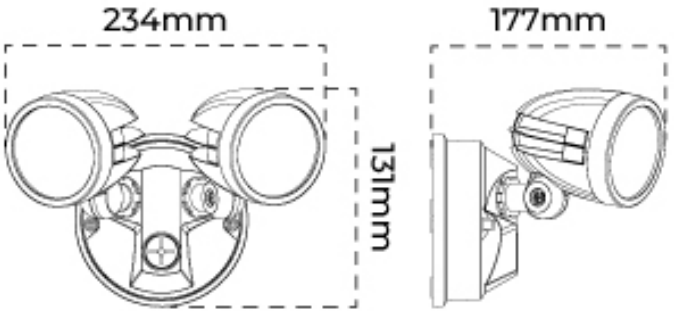
The total warranty period is shown above. Where an on-site period is listed, the first years are covered on-site, with return-to-base coverage for the remainder. For full warranty details and claim instructions, please refer to our Warranty page.

DIMENSIONS

Product Height	131 mm
Product Length	177 mm
Product Width	234 mm
Product Weight	780 g

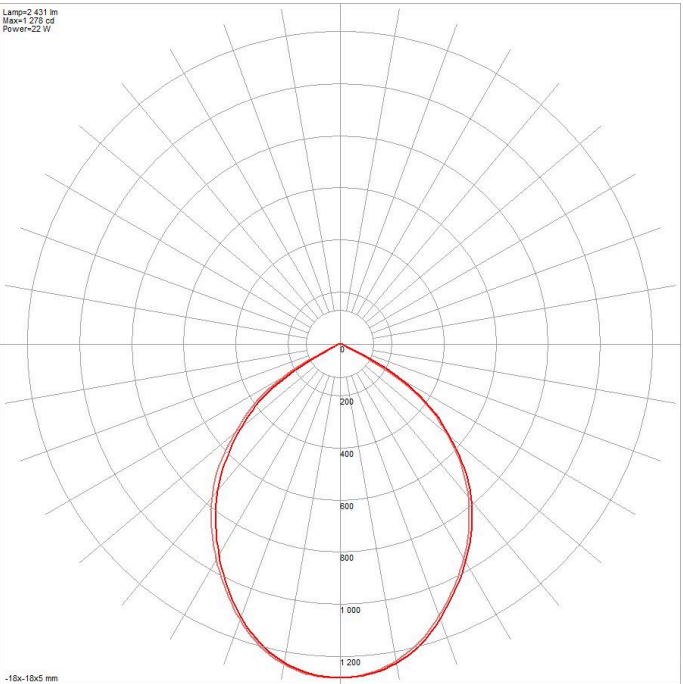
LINE DRAWINGS

CONDOR TWIN SPOT/13964

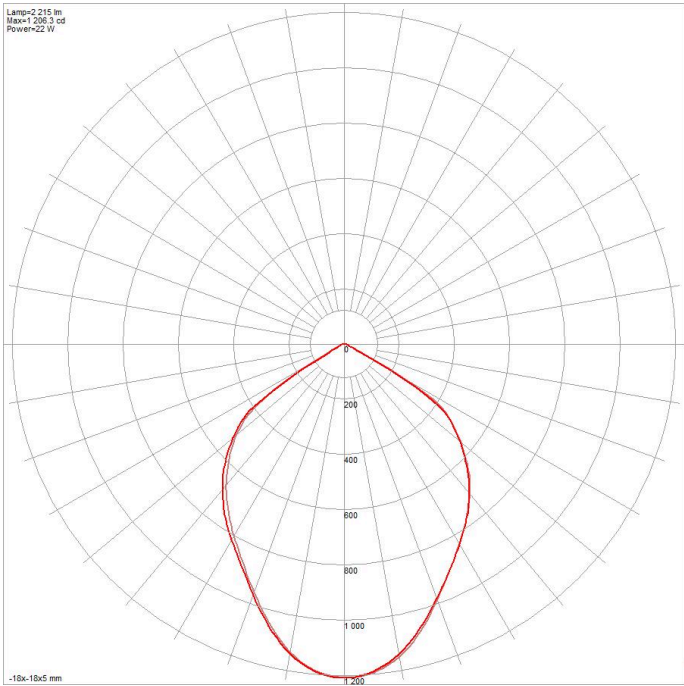


PHOTOMETRICS

CONDOR TWIN SPOT/13963/TRI/5000K



CONDOR TWIN SPOT/13963/TRI/3000K



CONDOR TWIN SPOT/13963/TRI/4000K

