

## Condor Twin Sensor

24W Twin Security Spot W/Sensor IP54

- Weatherproof IP54 rating
- Three different selectable colour temperatures
- Large terminals for easy installation
- 230V 300W relay output
- 3 year warranty



### ORDERING INFORMATION

<b>Order code</b>	13966
<b>Description</b>	24W Twin Security Spot W/Sensor IP54 White
<b>Driver Power</b>	23 W
<b>Driver Type</b>	Fixed output
<b>Item Code</b>	CONDOR TWIN SENSOR-13966

### EFFICIENCIES

**Total System Efficiency** 102 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>	Gimbal
<b>Body Material</b>	Diecast Aluminium
<b>Diffuser Material</b>	Tempered Glass
<b>Product Finish</b>	Powdercoated
<b>Fitting Colour</b>	White
<b>Installation Type</b>	Surface mount
<b>IP Rating</b>	IP54

### ELECTRICAL

<b>Electrical Rating</b>	Class I
<b>Input Current</b>	0.23 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>	24 W
<b>Power Factor</b>	0.5
<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>	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.	
<b>LED Lifetime Rating</b>	L70B10

## COLOUR TEMPERATURE

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

## 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>Detection Range</b>	10 m
<b>Detection Angle</b>	120
<b>Dusk Mode</b>	Yes
<b>Lux Adjustment</b>	Yes
<b>Lux Range</b>	10 to 1000 lx
<b>Manual Override</b>	Yes
<b>Sensor Type</b>	PIR
<b>Switched Output</b>	Yes
<b>Switched Output Rating</b>	300 W
<b>Time Delay</b>	12

## 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)

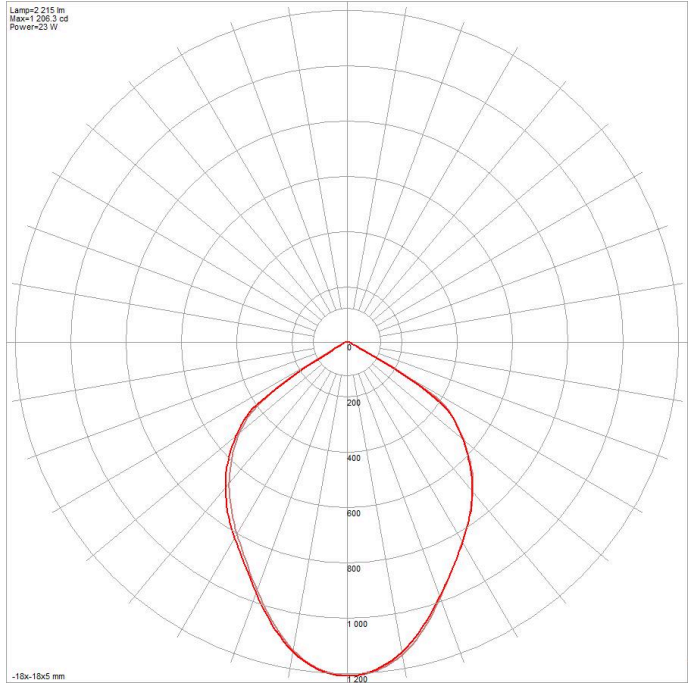
VIP warranty is available to registered users and is subjected to additional terms and conditions.

## DIMENSIONS

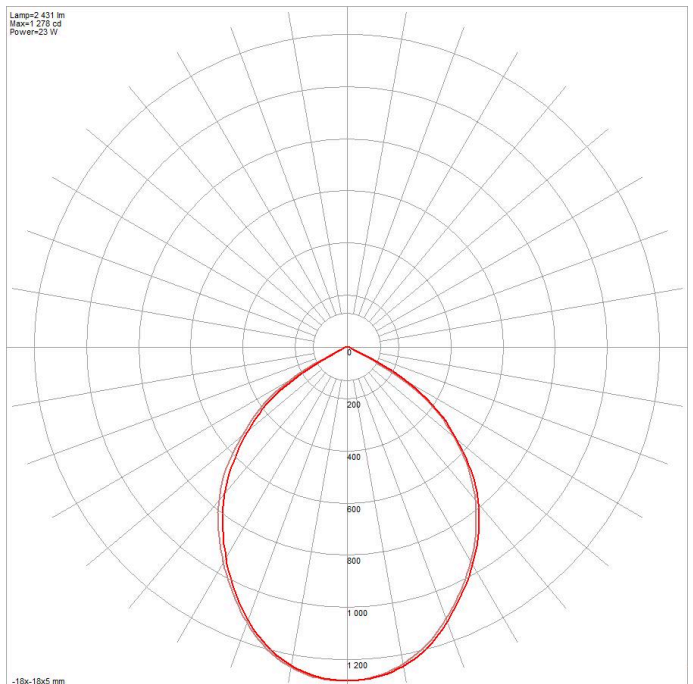
<b>Product Height</b>	158 mm
<b>Product Length</b>	177 mm
<b>Product Weight</b>	850 g
<b>Product Width</b>	234 mm

## PHOTOMETRICS

### CONDOR TWIN SENSOR/I3965/TRI/3000K



### CONDOR TWIN SENSOR/I3965/TRI/5000K



## CONDOR TWIN SENSOR/13965/TRI/4000K

