

 COOLON

# NIGHTHAWK

LED LUMINAIRE **FOR LIGHTING TOWERS**



# DO MORE WITH LESS

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The NightHawk makes it uniquely possible to create a lighting tower that delivers lighting performance exceeding all expectations yet does not blow out your product costs.

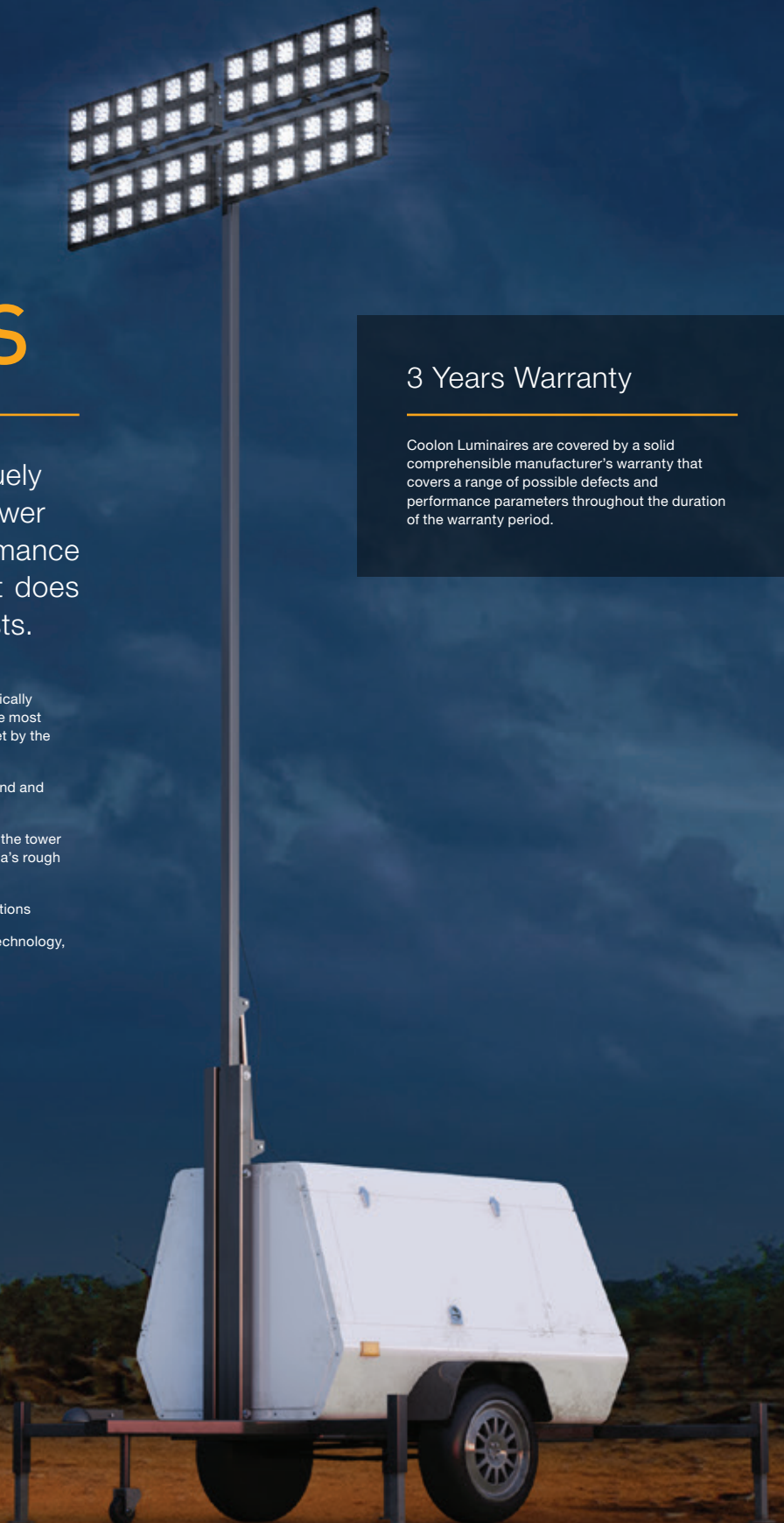
Unlike other LED floodlights, the NightHawk has been specifically engineered for Mobile Lighting Tower applications, where the most amount of light must be precisely delivered to a distant target by the luminaire that is:

- Compact in size to ensure that structurally allowable wind and weight loadings are not exceeded
- Guaranteed in performance and robust design to allow the tower to be safely transported over long distances on Australia's rough corrugated outback roads
- Reliably sealed against damaging water & dust penetrations
- Fuel and energy efficient, by the latest in LED lighting technology, offering the best financial return to the customer

## 3 Years Warranty

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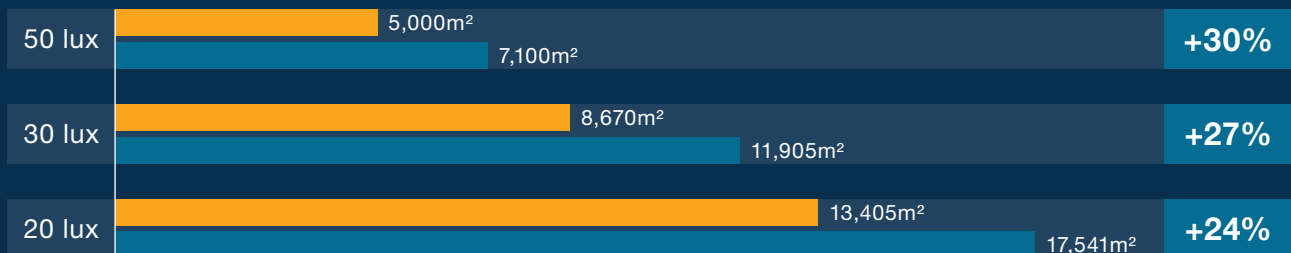
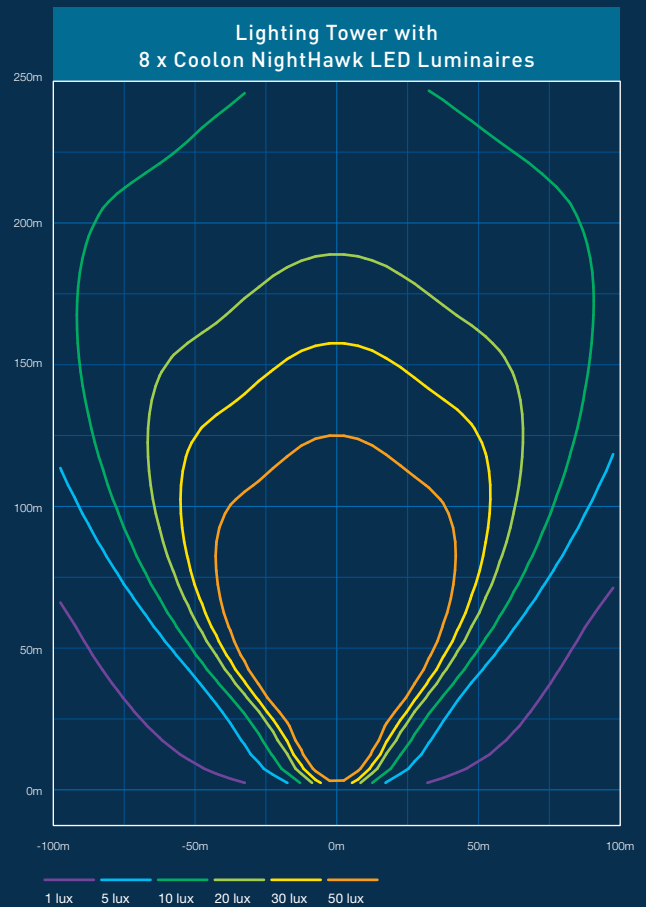
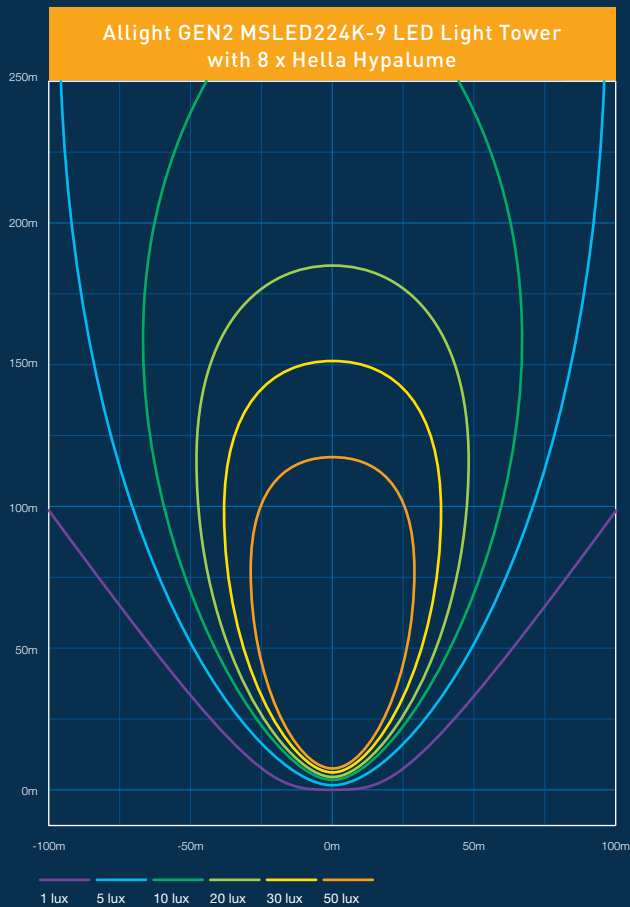
Coolon Luminaires are covered by a solid comprehensible manufacturer's warranty that covers a range of possible defects and performance parameters throughout the duration of the warranty period.





# PERFORMANCE COMPARISON

Tower Fitted with Competitor LED VS Tower Fitted with Coolon's NightHawk



ALLIGHT GEN2 MSLED224K-9 LED Light Tower w/  
8 x Competitor LED Luminaires

Lighting Tower with  
8 x Coolon NightHawk LED Luminaires

ALLIGHT GEN2 MSLED224K-9 coverage, is as advertised in the Allight marketing brochure.

## NIGHTHAWK

More light,  
more coverage,  
more versatility



## TECHNICAL SPECIFICATIONS

### Luminaire

Luminous Flux (Photometered)	26,654lm @ 227W - Oval
Luminous Flux (LED Lumens)	36,000lm
Power Consumption	240W
Operating Voltage Range	48VDC
Operating Temperature Range	-20°C to 40°C
IP Rating	IP66
Body	Aluminium Alloy, E-Coated
Wiring Method	Via Dedicated Junction Box
Angle Adjustment	Free Spin Adjustment

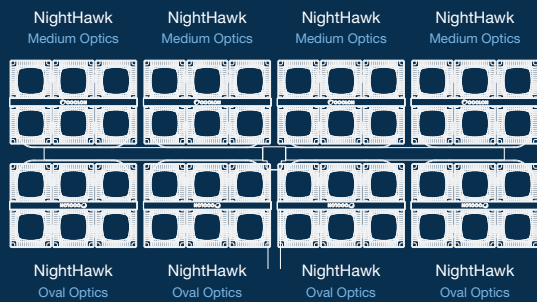
### Electrical Characteristics (Power Supply)

Mains Power Supply	External (HLG-320)
Input Voltage Range (MP)	90 – 305VAC / 127 – 431VDC
Input Voltage Range (EVL)	44 – 52VDC
Frequency Range	47 – 63 Hz
Power Factor	>0.95 / 230VAC
Inrush Current	70A cold start at 230VAC
Mains Supply Cable	1.8m 3 core circular cable with AU 3 pin plug

### Weight

Luminaire Weight	13kg
Power Supply Weight	2kg

## RECOMMENDED CONFIGURATION

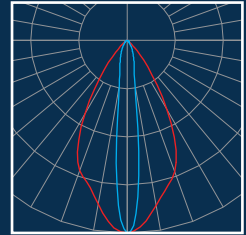
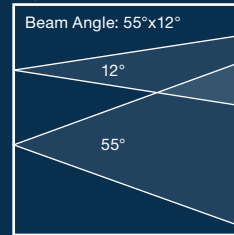


The NightHawk comes in a variety of 3 different optics, units with varying optical configurations can be mixed and matched to achieve varying performance results.

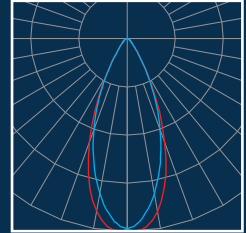
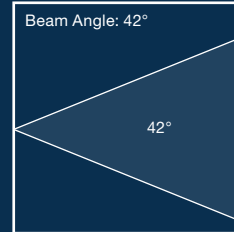
## OPTICS

\* All angles are indicative and may vary.

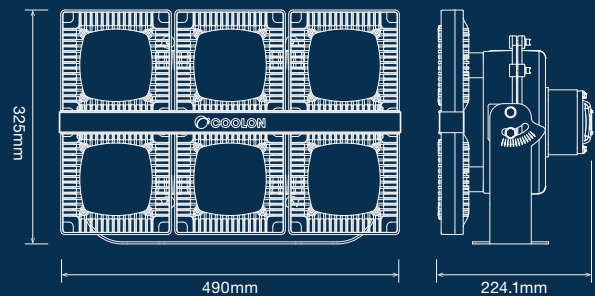
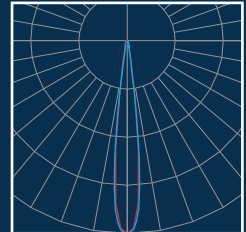
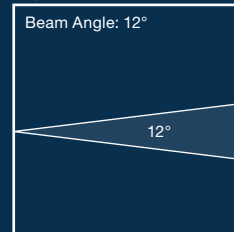
### NightHawk - OVAL



### NightHawk - MEDIUM



### NightHawk - NARROW



## TECHNICAL SPECIFICATIONS

# NHL - 240 - CWT - MEDIUM - MP

PRODUCT TYPE COLOUR TEMP OPTICS SUPPLY OPTION

PRODUCT	TYPE	COLOUR TEMP		OPTICS		SUPPLY OPTION	
NightHawk	240 240W	CWT	Cool White	MEDIUM	Medium Optics	MP	Mains Powered
				NARROW	Narrow Optics	ELV	Low Voltage Luminaire
				OVAL	Oval Optics		