



# 0909

The 0909 has many different lumen output and operating ranges available. This LED model is also available with a colour temperature of 4000 K and a colour rendering index of 95; when you need to clearly distinguish between the different colours. Also available as an E-approved rated model for trucks and trailers.

## SUGGESTED APPLICATIONS

The 0909 is highly adaptable and can be used across numerous applications worldwide, including:



## TECHNICAL DATA

- Housing Material:** Cast Aluminium
- Mounting Options:** Hanging  
Standing
- Lens Material:** Polycarbonate
- Connector:** Deutsch (DT04-2P) built in
- Weight:** 616 g / 1.36 lb
- Light Patterns:** Symmetric  
Narrow Symmetric  
Wide Symmetric  
Asymmetric  
Wide Asymmetric

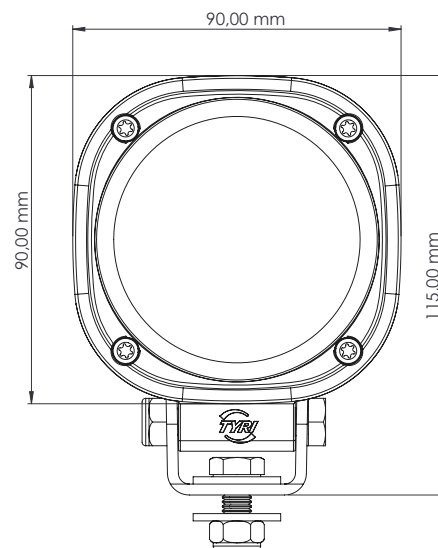
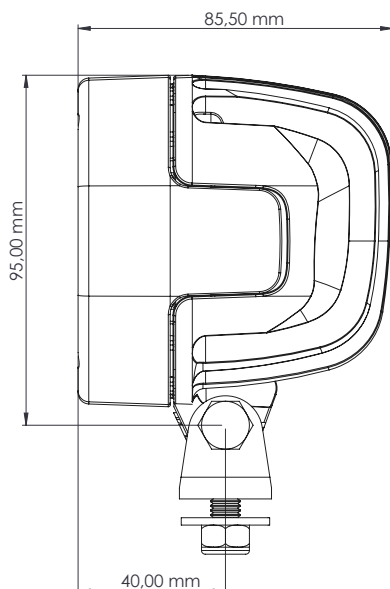
- Overheating Protection
- Over-voltage Protection
- Polarity Protection
- High CRI 95 Optional

## TEST STANDARDS

- Salt Spray ASTM B117 500 h
- Vibration 5-2000 Hz 3 Axis, 8 Grms
- Shock Tested 50 G 11 ms
- IP69K
- EN55025 / CISPR 25 Class 5  
ISO 11452-2 / ISO 11452-4  
ISO 16750-2 / ISO 10605 / ISO 7637-2
- UL Rated Optional
- R23 / R10 Optional

Consult [www.tyrilights.com](http://www.tyrilights.com) for additional lens & mounting options

TYRI's testing standards can be found at: [www.tyrilights.com](http://www.tyrilights.com)



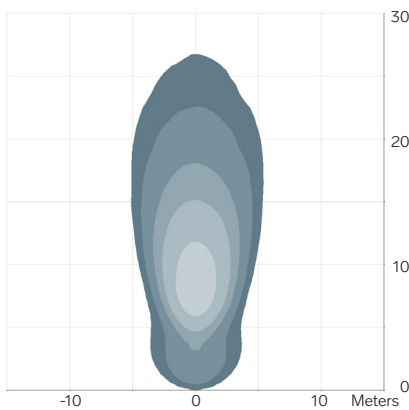


# 0909

LIGHT OUTPUT	OPERATING TEMPERATURE	VOLTAGE		AMP DRAW		POWER	COLOUR TEMPERATURE	EMC	ECE
		Machine	Operating Range	12 V	24 V				
Effective Lumen	°C	Machine	Operating Range	12 V	24 V	Watts	K	EN55025 / CISPR25	ECE Rating
1400 lm	-40 to +85 °C	12 V	9-16 V	1.8 A		22 W	5700	5	R10 / R23
1400 lm	-40 to +85 °C	24 V	18-32 V		0.9 A	22 W	5700	5	R10 / R23
1400 lm	-40 to +85 °C	12-80 V	9-108 V	1.3 A	0.6 A	15 W	5700	5	
1850 lm	-40 to +75 °C	12 V	9-16 V	2.3 A		29 W	5700	5	R10
1850 lm	-40 to +75 °C	24 V	18-32 V		1.2 A	29 W	5700	5	R10
1850 lm	-40 to +75 °C	12-80 V	9-108 V	2.0 A	0.9 A	24 W	5700	5	

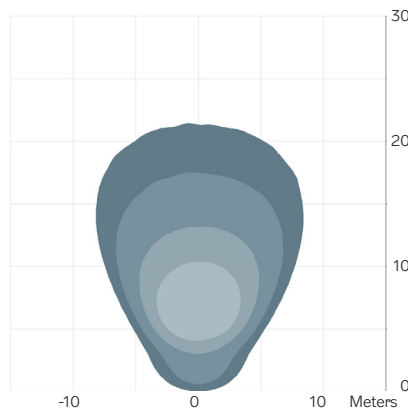
## TYPICAL LIGHT PATTERNS

Example for 0909 / 1850 effective lumen | For further light patterns visit [www.tyirilights.com](http://www.tyirilights.com)



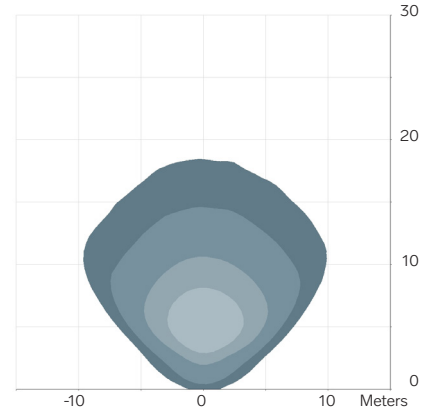
**0909 / 1850 lm**

Narrow 0-30°  
3.0 m / -15°  
Symmetric



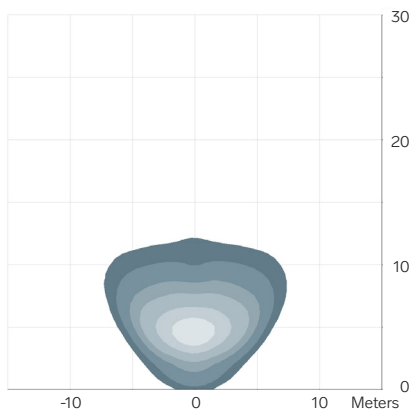
**0909 / 1850 lm**

Medium 31-45°  
3.0 m / -15°  
Symmetric



**0909 / 1850 lm**

Wide 45°+  
3.0 m / -15°  
Symmetric



**0909 / 1850 lm**

Wide 45°+  
3.0 m / -15°  
Asymmetric

