



# D18



The D18 is an extremely powerful round LED work light in a heavy duty housing and used in the off-road sector with additional vibration and shock dampers for uneven ground conditions as standard. This work light boasts a large heat sink for effective thermal management and is available with a 5,700 K color temperature.

Available with matching light cover for use when vehicle is travelling on-road.

## TECHNICAL DATA

- Housing Material:** Cast Aluminium
- Mounting Options:** Hanging  
Standing
- Lens Material:** Polycarbonate
- Temperature range:** -40 to +85 °C
- Connector:** Deutsch (DT04-2P) built in.  
Mating part: DT06-2S
- Weight:** 3,1 kg / 6,83 lb
- Light Patterns:** Narrow Symmetric

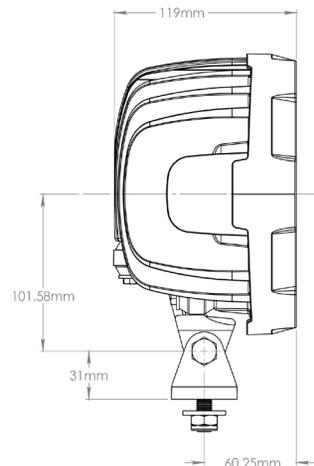
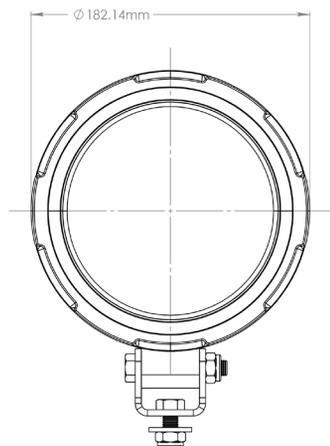
## FEATURES

- Overheating Protection
- Over-voltage Protection
- Polarity Protection
- Dampened
- UL Optional

## TEST STANDARDS

- Salt Spray ASTM B117 96 h
- Vibration 5-2000 Hz 3 Axis, 5 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

For further information visit [www.tyriLights.com](http://www.tyriLights.com) or contact your local sales team.



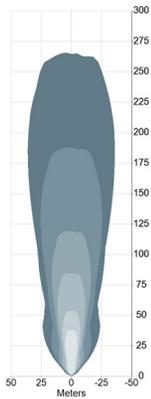


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LIGHT OUTPUT	VOLTAGE		AMP DRAW		POWER	COLOR TEMP	LENS PATTERN	PART NO.	EMC	ECE
	Machine	Operating	12 V	24 V					Watts	K
8,000 eLm	12-24 V	9-32 V	8,7 A	4,4 A	105 W	5,700 K	Narrow Symmetric	KLD-107-1	5	-

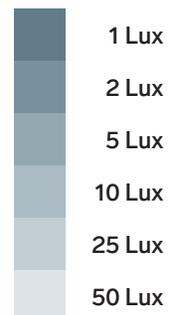
## TYPICAL LIGHT PATTERNS

Example for D18 / 8,000 effective lumen.



### D18 / 8,000 eLm

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



LED work lights are exposed to dirt, fertilizers, road salt, acids and more. For best performance and long lifetime, the lens and the cooling fins must be cleaned on a regular basis.