LEDTEC
500W LIS FLOODLIGHT

TECHNICAL DATA SHEET

A general-purpose floodlight particularly suitable for areas requiring long-distance illumination and low power configuration.
It features a robust design and is available with a variety of mounting options and colour temperatures to precisely suit a variety of fixed mining applications.

Areas for Application

- Mobile Plant
- Workshops
- Security Lighting
- Exterior Walls
- Processing Plants
- Campsite Lighting
- General Area Lighting
- Pole mount for area lighting

Lighting Council AUSTRALIA MEMBER

ies Corporate Member 2022/2023

100% AUSTRALIAN OWNED & OPERATED

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TECHNICAL SPECIFICATIONS

Product	
Model	*LIS 500W*

Luminaire Information	
Rated Power	*500W*
Operating Temperature Range	*-40°c ~ +50° c*
Windage Area	*0.14m2*
UV Resistance	*UV Resistance Coating*
Fixture Installation	*Bracket Mounting*
Mounted Height	*0-30 metres*
Dimmable	*Optional*

Electrical Characteristics	
Operating Voltage Range	*AC 100-277V*
Frequency Range	*47-63Hz*
Power Factor	*>0.90/230V*
Input Current	*2.17A/230V*
Electrical Safety Class	*Class I - Standard*
Surge Protection	*Standard*
Driver Type	*Mean Well*
Driver Installation	*Built-in*

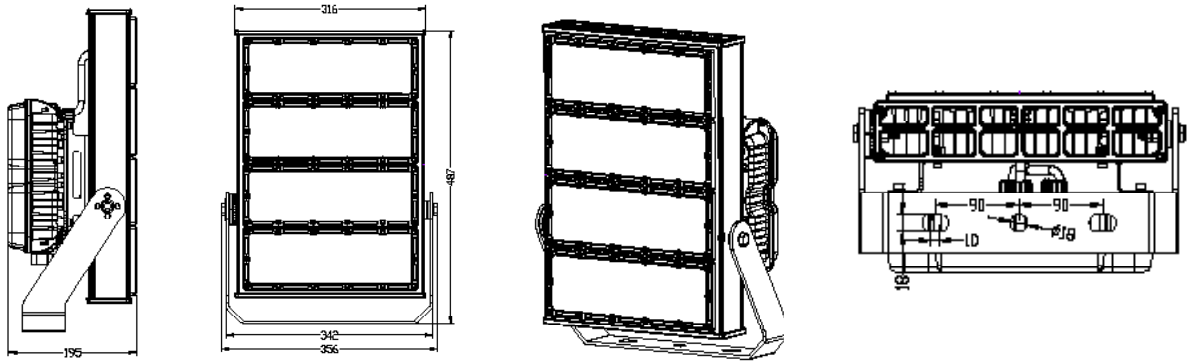
Dimensions & Weight	
Packaging Dimensions	*487x356x195mm*
Packaged Weight	*14.5kg*

Optical Characteristics	
Correlated Colour Temperature	*5000k Standard (2700-6500k optional)*
Colour Rendering Index	*70Ra Standard*
LED Type	*Seoul/Samsung*
LED Expected Lifespan	*50,000 hrs*
Light Efficacy	*140-150lm/w*
Luminous Flux	*70000lm*
Beam Angle	*Type F: X30°, Y30° Narrow* *Type E: X100°, Y30° Long Flood* *Assymetric 4: X100°, Y70°*

Material & Finish	
Ingress Protection Rating	*IP67*
Impact Rating	*IK09*
Material Compostion (Body)	*Aluminium alloy & black powder coating*
Material Composition (Bracket)	*Painted Formed Sheet Steel (stainless steel optional)*
Material Composition (Lens)	*Polycarbonate*
Material Composition (Cable)	*Polyvinyl Chloride*

Warranty	
Warranty	*5 years*

DIMENSIONS



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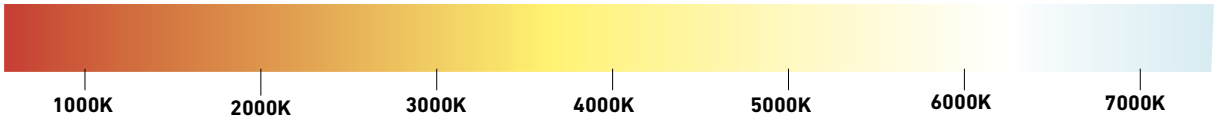
COLOUR TEMPERATURES

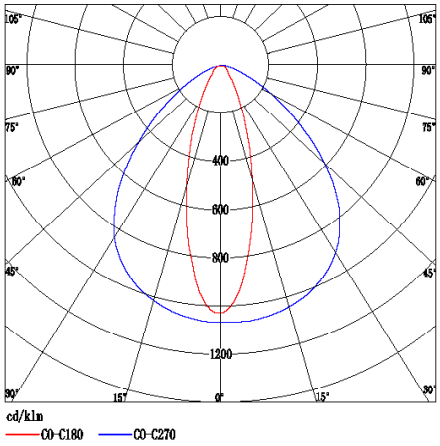
WARM WHITE
2700K - 3000K

COOL WHITE
5900K - 6500K

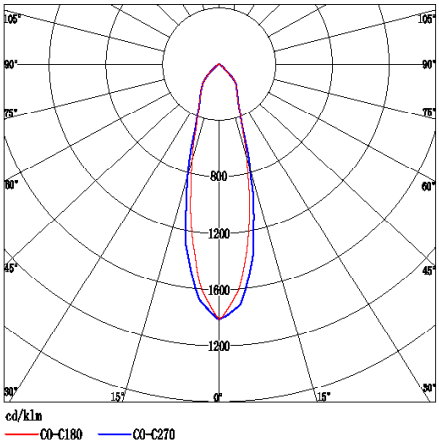


ILLUMINANCE AT DISTANCE

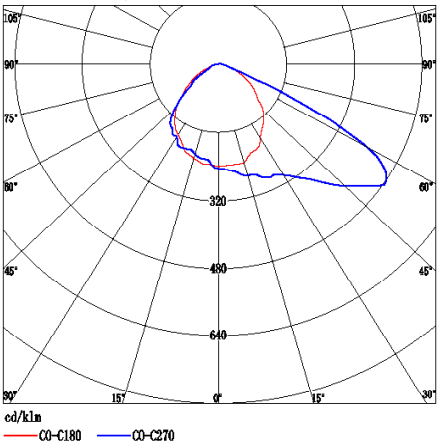
TYPE E: X100°, Y30°



TYPE A4: X100°, Y70°



TYPE F: X30°, Y30°



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