

LEDTEC

1000W KFS FLOODLIGHT

TECHNICAL DATA SHEET

A lightweight yet robust and high powered floodlight that is ideal for lighting up large mining areas. Engineered to withstand impact, vibration and corrosion and designed with a solid mainframe and a unique mounting bracket to make it easy to install and maintain onsite.

Areas for Application

- Processing Plants
- General Lighting
 - High Mast
 - Stockyards
 - Crushers
 - Loading Docks
- Outdoor Yard Workspace



8/94 Forsyth Street O'Connor WA, 6163

+61 (08) 6371 1780

sales@ledtec.com.au

www.ledtec.com.au

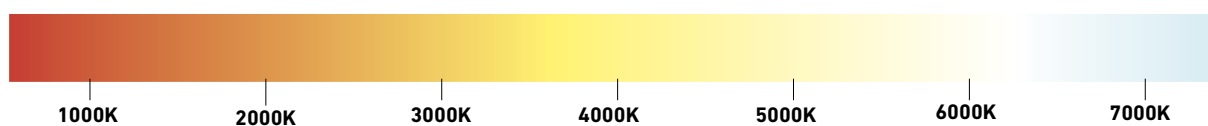
TECHNICAL SPECIFICATIONS

Product		Material & Finish	
Model	KFS 1000W	Ingress Protection Rating	IP67
		Impact Rating	IK09
		Material Composition (body)	Aluminium alloy & black powder coating
		Material Composition (bracket)	Aluminium alloy & black powder coating (stainless steel optional)
		Material Composition (optical)	Polycarbonate
		Material Composition (cable)	Polyvinyl chloride
Luminaire Information		Weight & Packaging	
Rated Power	1000W	Packaging Dimensions	401x727x210mm
Operating Temperature Range	-40°C ~ +50°C	Luminaire Weight	24kg
Windage Area	0.24m ²	Remote Driver Box Weight	13kg
UV Resistance	UV Resistance Coating		
Fixture Installation	Bracket Mounting	Warranty	
Dimmable	Standard 0-10V PWM (DALI optional)	Warranty	5 Years
Electrical Characteristics			
Operating Low Voltage Range	AC 180-277V		
Operating High Voltage Range	AC 249-528V		
Frequency Range	47-63Hz		
Power Factor	>0.90/230 VAC		
Input Current 230VAC	4.34A		
Input Current 480VAC	2.08A		
Efficiency	50-60Hz		
Electrical Safety Class	Class I - Standard		
Surge Protection	20KV Standard		
Driver Type	Mean Well or Inventronics		
Driver Installation	Remote		
Optical Characteristics			
Correlated Colour Temperature	5000k Standard (2700K - 6500K optional)		
Colour Rendering Index	70Ra Standard (option 80Ra/90Ra)		
LED Type	Seoul, Samsung or Cree		
LED Expected Lifespan	50,000 - 70,000hrs		
Luminous Flux	Measured by the luminaire		
Type A: X13°, Y13°	128000lm		
Type B: X30°, Y20°	135000lm		
Type C: X50°, Y30°	135000lm		
Type D: X110°, Y:20°	128000lm		
Type E: X100°, Y30°	135000lm		

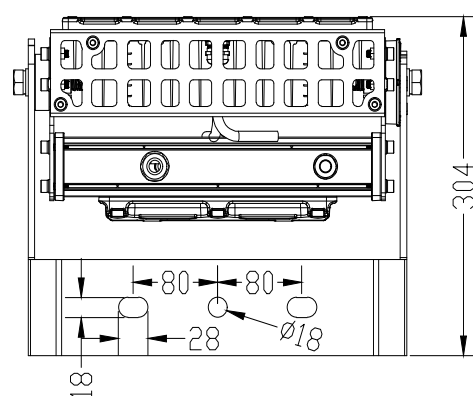
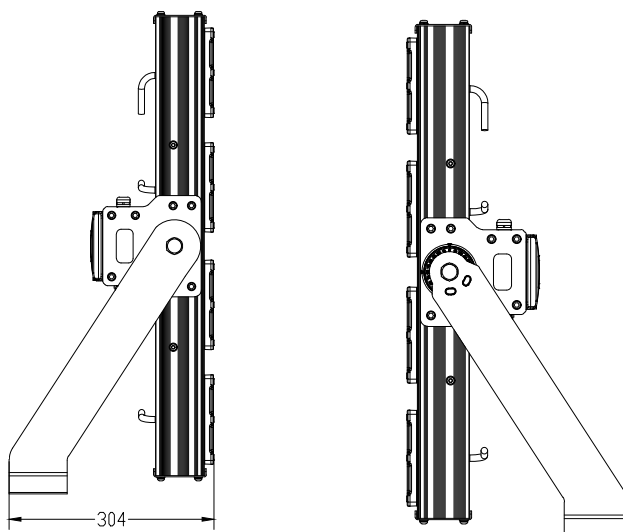
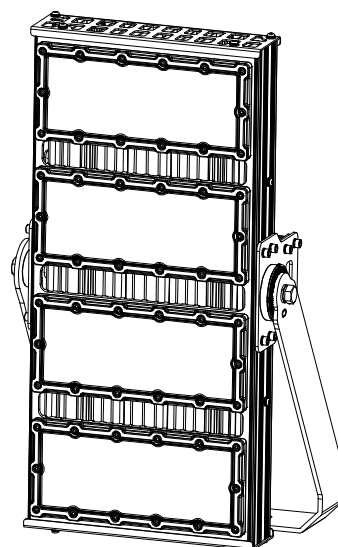
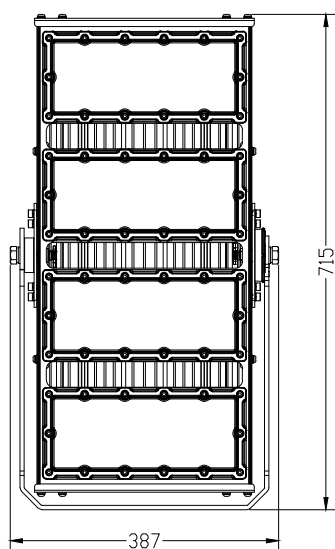
COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

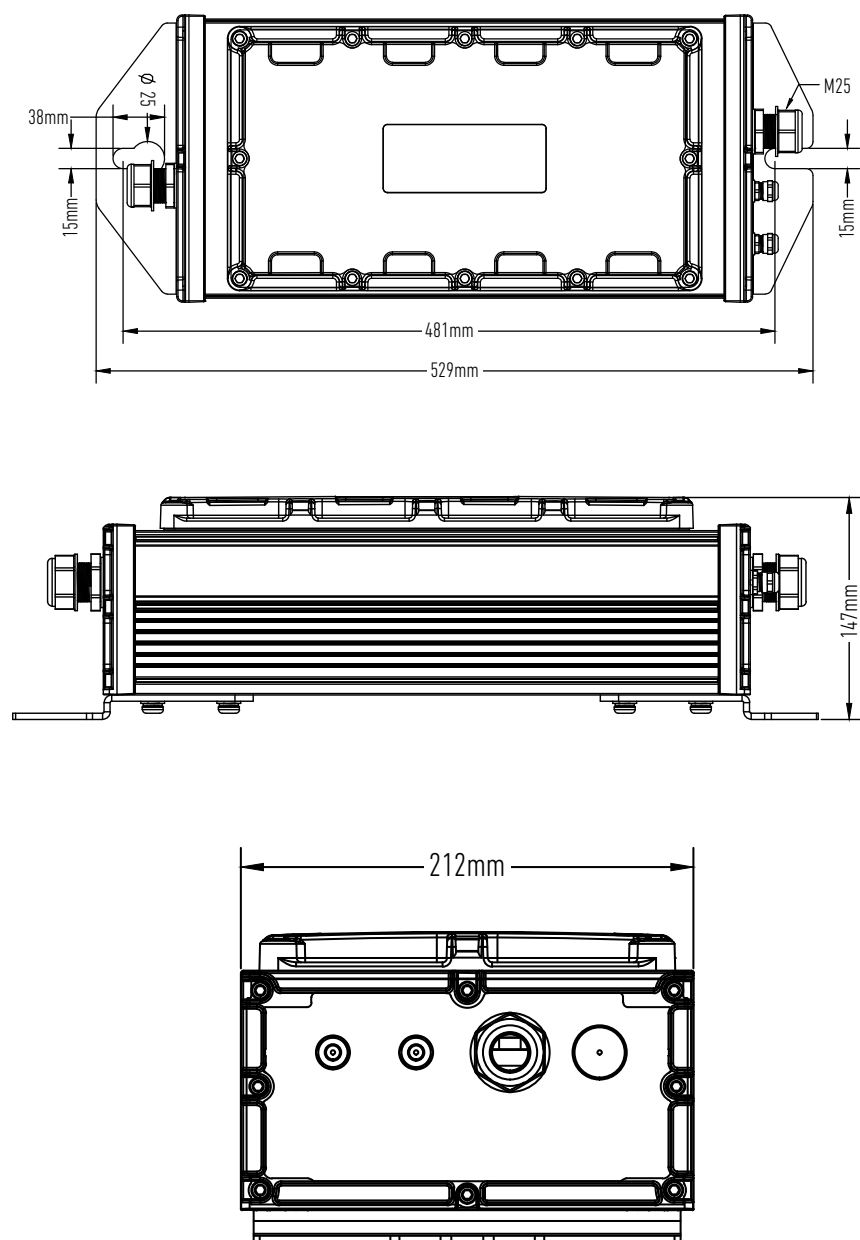
COOL WHITE
5900K - 6500K



DIMENSIONS

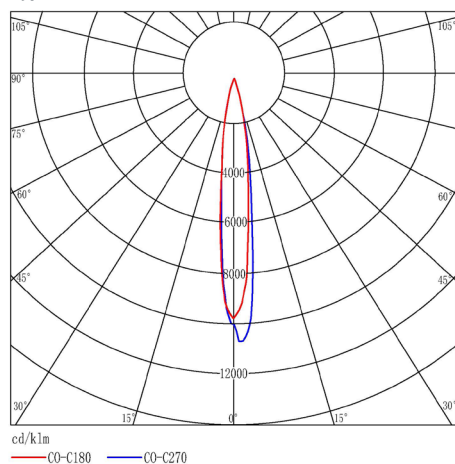


REMOTE DRIVER BOX DIMENSIONS

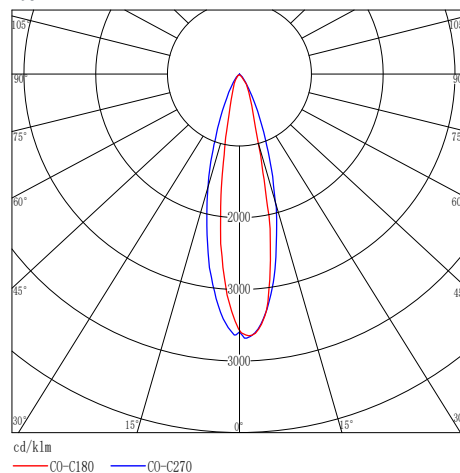


ILLUMINANCE AT DISTANCE

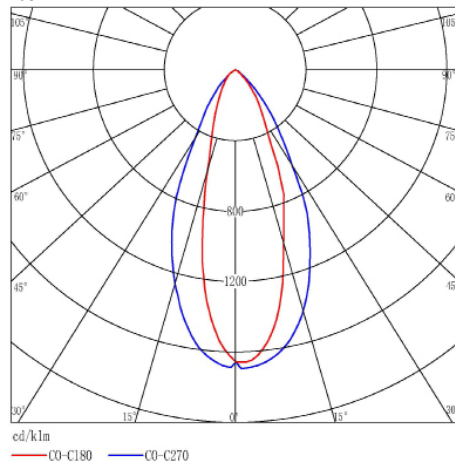
Type A: X13°, Y13°



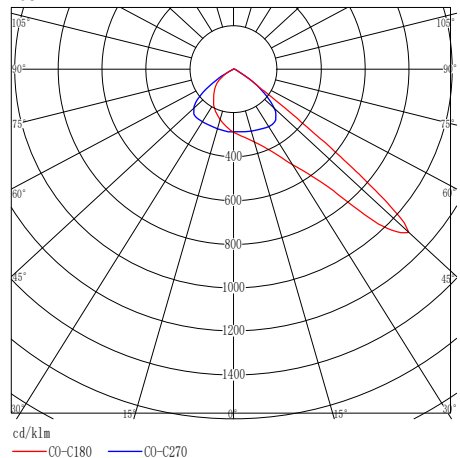
Type B: X30°, Y20°



Type C: X50°, Y30°



Type D: X110°, Y20°



Type E: X100°, Y30°

