

LEDTEC 2000W 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



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TECHNICAL SPECIFICATIONS

Product	
Model	KFS 2000W

Luminaire Information	
Rated Power	2000W
Operating Temperature Range	-40°C ~ +50°C
Windage Area	0.42m ²
UV Resistance	UV Resistance Coating
Fixture Installation	Bracket Mounting
Dimmable	Standard 0-10V PWM/ Optional DALI

Electrical Characteristics	
Operating Low Voltage Range	AC 180-277V
Operating High Voltage Range	AC 180-528V (optional)
Frequency Range	47-63Hz
Power Factor	>0.90/230 VAC
Input Current 230VAC	8.7A
Input Current 480VAC	4.17A
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 (80Ra/90Ra optional)
LED Type	Seoul Samsung or Cree
LED Expected Lifespan	50,000 - 70,000hrs
Luminous Flux	Measured by the luminaire
Type A: X13°, Y13°	250000lm
Type B: X30°, Y20°	270000lm
Type C: X50°, Y30°	270000lm
Type D: X110°, Y20°	250000lm
Type E: X100°, Y30°	270000lm

Material & Finish	
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

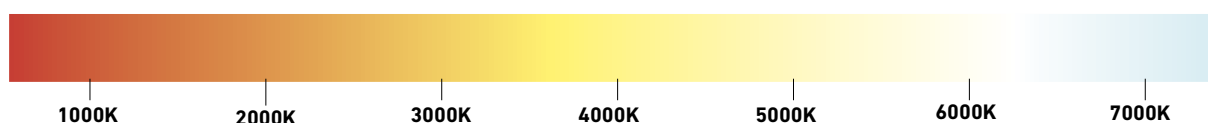
Weight & Packaging	
Packaging Dimensions	682x731x301mm
Packaged Weight	36kg
Remote Driver Box Weight	20.5kg

Warranty	
Warranty	5 Years

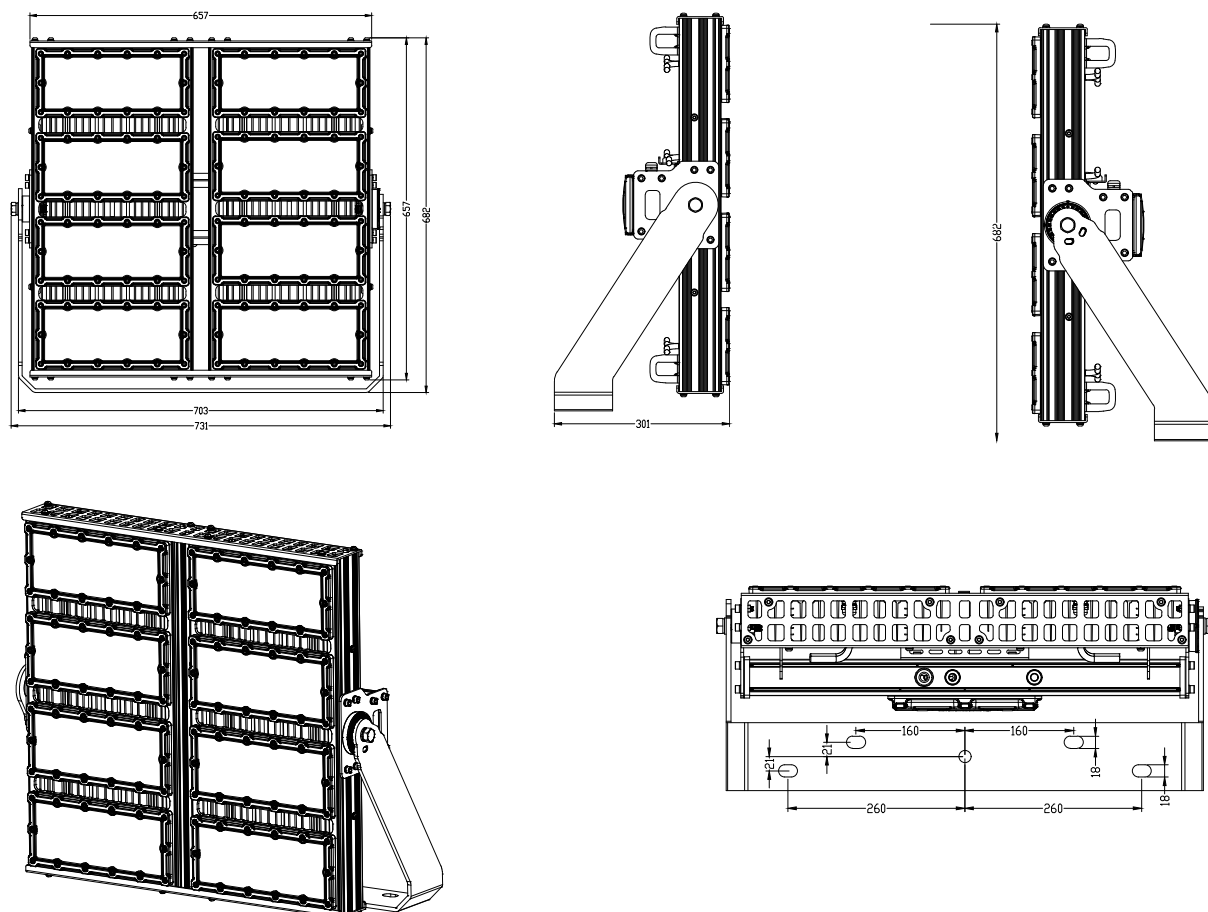
COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

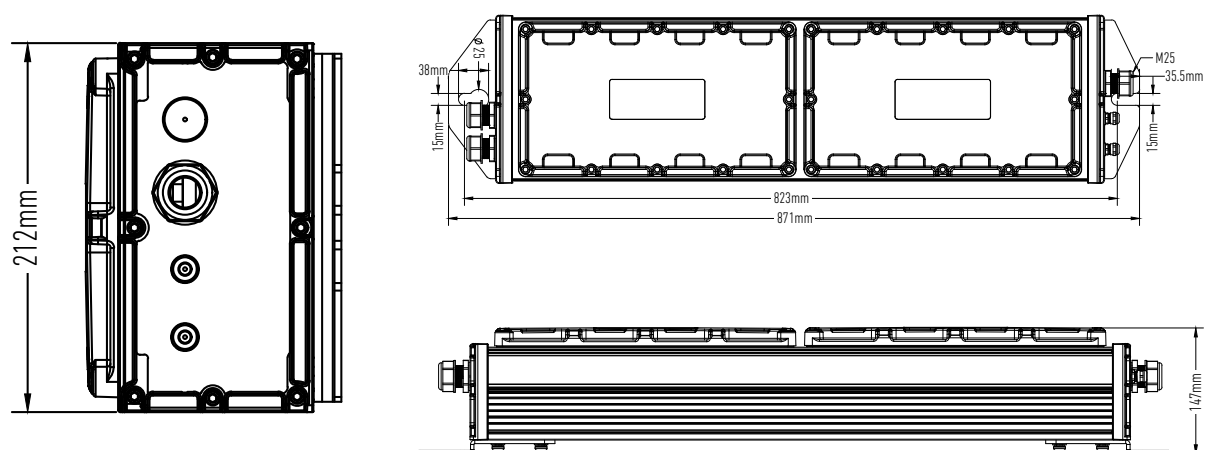
COOL WHITE
5900K - 6500K



FLOODLIGHT DIMENSIONS

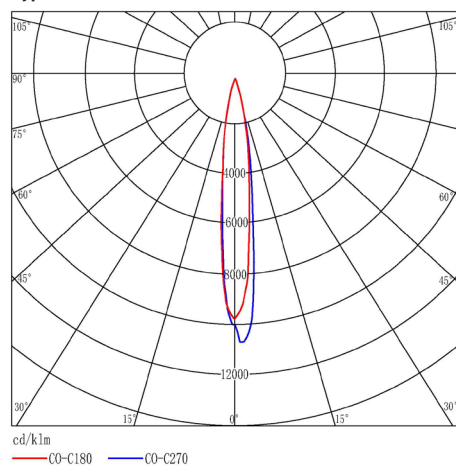


REMOTE DRIVER BOX DIMENSIONS

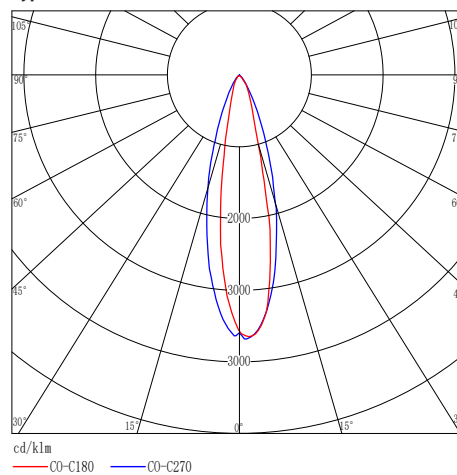


ILLUMINANCE AT DISTANCE

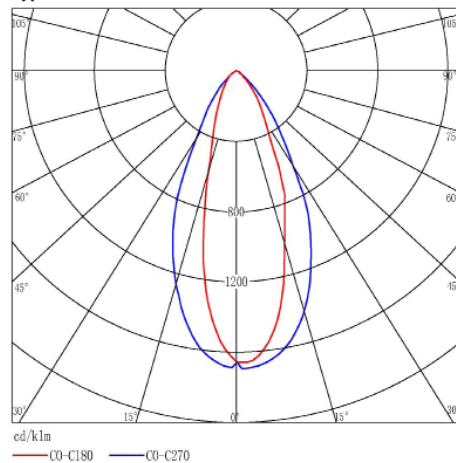
Type A: X13°, Y13°



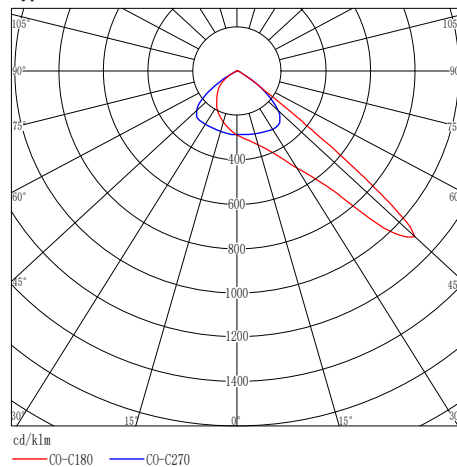
Type B: X30°, Y20°



Type C: X50°, Y30°



Type D: X110°, Y20°



Type E: X100°, Y30°

