

LEDTEC

350W 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 on-site.

Areas for Application

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



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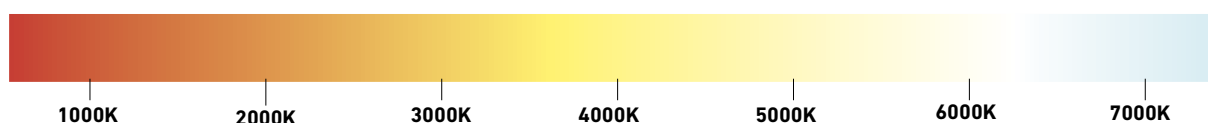
TECHNICAL SPECIFICATIONS

Product		Material & Finish	
Model	KFS 350W	Ingress Protection Rating	IP67
Luminaire Information		Impact Rating	IK09
Rated Power	350W	Material Composition (body)	Aluminium alloy & black powder coating
Operating Temperature Range	-40° ~ +50° c	Material Composition (bracket)	Aluminium alloy & black powder coating (stainless steel optional)
Windage Area	0.1m2	Material Composition (optical)	Polycarbonate
UV Resistance	UV Resistance Coating	Material Composition (cable)	Polyvinyl chloride
Fixture Installation	Bracket Mounting	Weight & Packaging	
Dimmable	Optional 0-10V PWM (DALI)	Packaging Dimensions (remote driver)	334x385x178mm
Electrical Characteristics		Packaging Dimensions (built-In driver)	334x378x185mm
Operating Voltage Range	AC 100-277V	Luminaire Weight (remote driver)	10.8kg
Frequency Range	47-63Hz	Luminaire Weight (built-in driver)	11.4kg
Power Factor	>0.90/230 VAC	Warranty	
Input Current/230V	1.52A	Warranty	5 years
Efficiency	50-60Hz		
Electrical Safety Class	Class I - Standard		
Surge Protection	20KV Standard		
Driver Type	Mean Well or Inventronics		
Driver Installation	Remote or Built-in		
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°	47500lm		
Type B: X30°, Y20°	50500lm		
Type C: X50°, Y30°	50500lm		
Type D: X110°, Y20°	47500lm		
Type E: X100°, Y30°	50500lm		

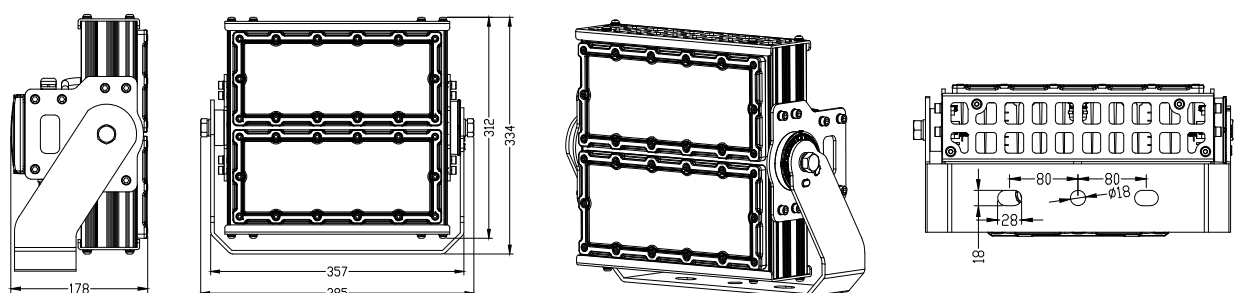
COLOUR TEMPERATURES

WARM WHITE
2700K - 3000K

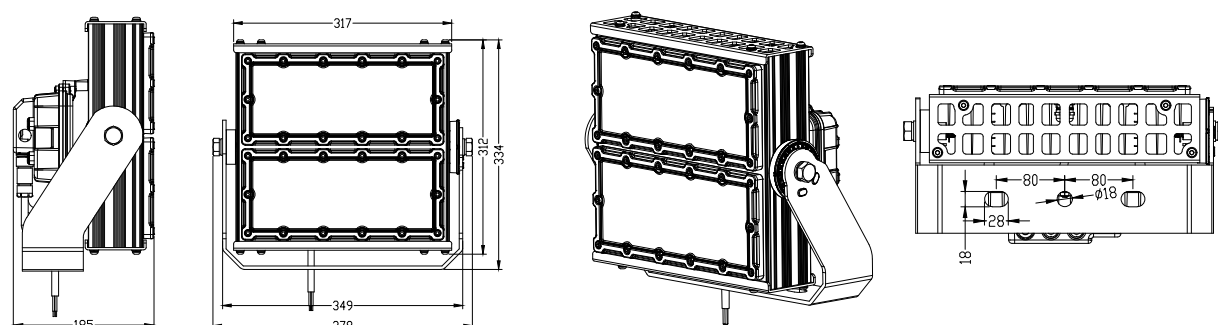
COOL WHITE
5900K - 6500K



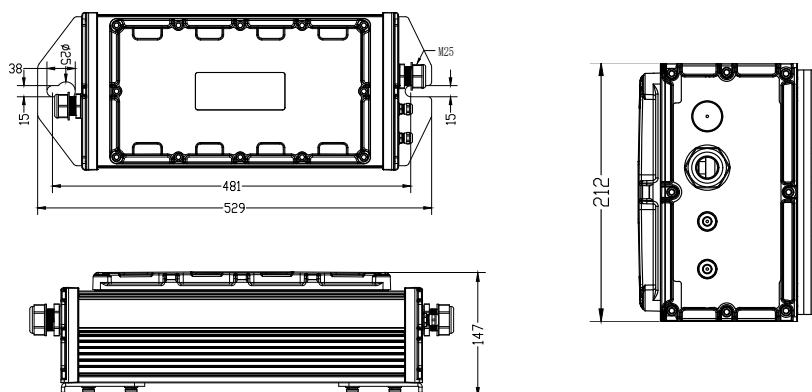
REMOTE DRIVER FLOODLIGHT DIMENSIONS



BUILT-IN DRIVER FLOODLIGHT DIMENSIONS

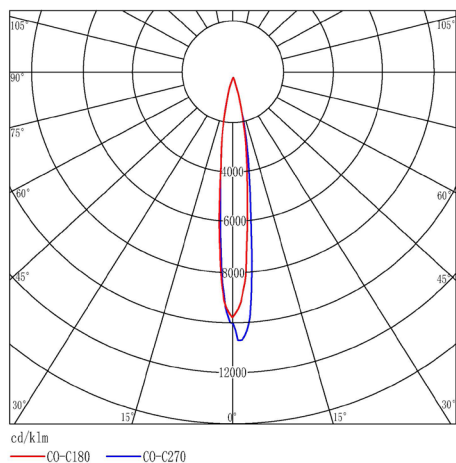


DRIVER DIMENSIONS

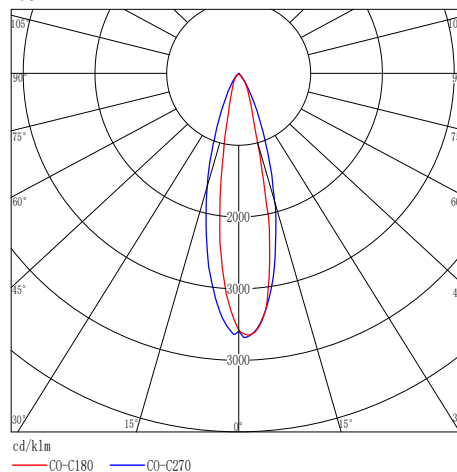


ILLUMINANCE AT DISTANCE

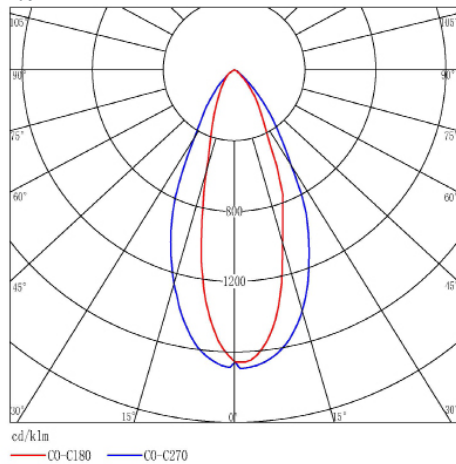
Type A: X13°, Y13°



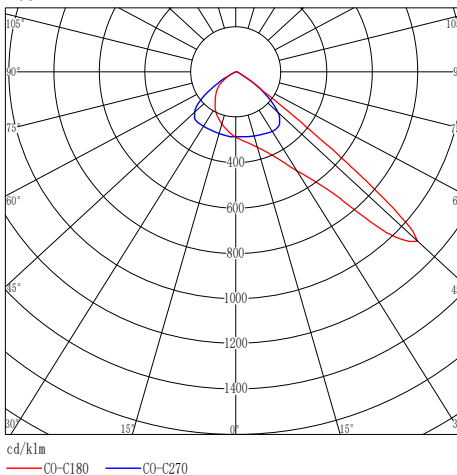
Type B: X30°, Y20°



Type C: X50°, Y30°



Type D: X110°, Y20°



Type E: X100°, Y30°

