

LEDTEC

650W KFS FLOODLIGHT

TECHNICAL DATA SHEET

A lightweight yet robust and high powered flood light 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 handle and install on site.

Areas for Application

- Outdoor Yard Work Spaces
 - Processing Plants
 - General Lighting
- Public Work Spaces
 - High Mast
 - Stockyards
 - Crushers
- Loading Docks



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TECHNICAL SPECIFICATIONS

Product	
Model	<i>KFS 650W</i>

Luminaire Information	
Rated Power	<i>650W</i>
Operating Temperature Range	<i>-40°C ~ +50°C</i>
Windage Area	<i>0.16m²</i>
UV Resistance	<i>UV Resistance Coating</i>
Fixture Installation	<i>Bracket Mounting</i>
Dimmable	<i>Standard 0-10V PWM/ Optional DALI</i>

Electrical Characteristics	
Operating Voltage Range	<i>AC 100-277V / 415VAC</i>
Frequency Range	<i>47-63Hz</i>
Power Factor	<i>>0.90/230 VAC</i>
Input Current	<i>2.82A/230VAC</i>
Efficiency	<i>50-60Hz</i>
Electrical Safety Class	<i>Class I - Standard</i>
Surge Protection	<i>20KV Standard</i>
Driver Type	<i>Mean Well or Inventronics</i>
Driver Installation	<i>Remote or Built-In</i>

Optical Characteristics	
Correlated Colour Temperature	<i>5000k Standard (2700K - 6500K optional)</i>
Colour Rendering Index	<i>70Ra Standard (option 80Ra/90Ra)</i>
LED Type	<i>Seoul, Samsung or Cree</i>
LED Expected Lifespan	<i>50,000 - 70,000hrs</i>
Luminous Flux	<i>Measured by the luminaire</i>
Type A: X13°, Y13°	<i>87000lm</i>
Type B: X30°, Y20°	<i>89000lm</i>
Type C: X50°, Y30°	<i>89000lm</i>
Type D: X110°, Y20°	<i>87000lm</i>
Type E: X:100°, Y30°	<i>89000lm</i>

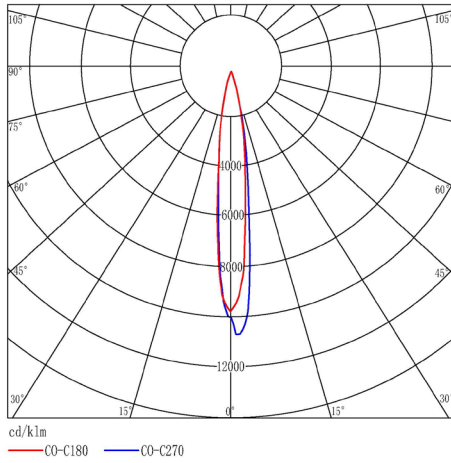
Material & Finish	
Ingress Protection	<i>IP67</i>
Impact Rating	<i>IK09</i>
Material Composition (body)	<i>Aluminium alloy & black powder coating</i>
Material Composition (bracket)	<i>Aluminium alloy & black powder coating (stainless steel optional)</i>
Material Composition (optical)	<i>Polycarbonate</i>
Material Composition (cable)	<i>Polyvinyl chloride</i>

Weight & Packaging	
Packaging Dimensions (built-in driver)	<i>580x387x270mm</i>
Packaging Dimensions (remote driver)	<i>520x387x241mm</i>
Luminaire Weight (remote driver)	<i>15.9kg</i>
Luminaire Weight (built-in driver)	<i>25kg</i>
Driver Weight	<i>10.9kg</i>

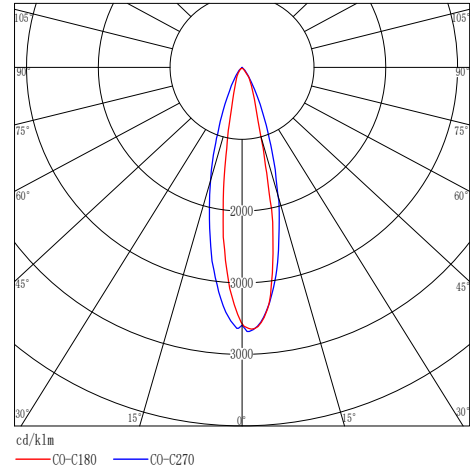
Warranty	
Warranty	<i>5 years</i>

ILLUMINANCE AT DISTANCE

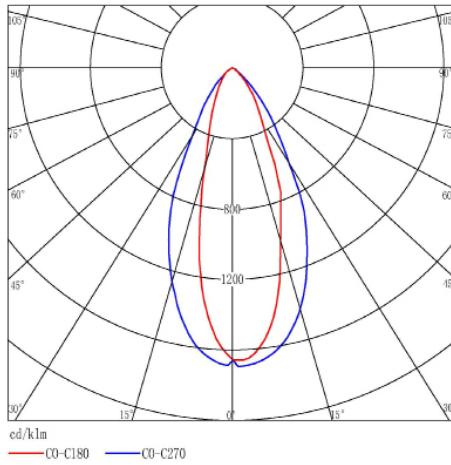
Type A: X13°, Y13°



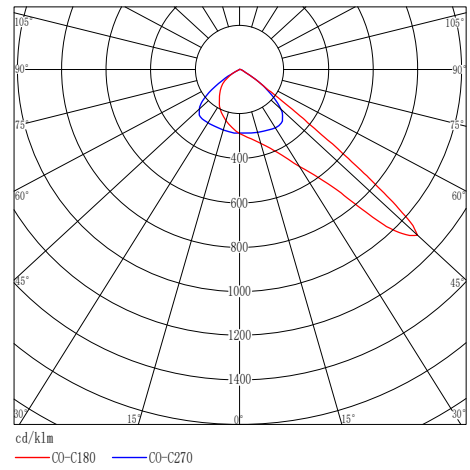
Type B: X30°, Y20°



Type C: X50°, Y30°



Type D: X110°, Y20°



Type E: X100°, Y30°

