



## Key Features

LED Floodlight ideal for lighting facades, large structures, bridges, sports areas, retail spaces and perimeter areas.

iPlasma SQ provides a high-intensity wash of light with customisable beam angles for floodlighting, spotlighting, wall washing and grazing.

Advanced thermal design with cutting-edge manufacturing process and materials.

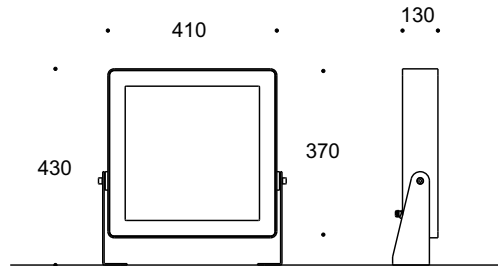
Designed to last in extremely harsh environments.



## Key Data

<b>LED Type</b>	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
<b>Nominal Voltage</b>	220V-240V AC, 50/60Hz
<b>Color Rendering Index</b>	CRI ≥ 80 standard and CRI ≥ 90 on request.
<b>Optics</b>	Asymmetrical or rotationally symmetrical distribution . 12° / 25° / 30° / 40° / 45° / 60° / 90° / 18°x38° / 10°x60° / 25°x50° / M3
<b>Materials</b>	Corrosion resistant double layer polyester powder coated paint finish die cast aluminium housing with stainless steel screws (A4 grade) and silicone gaskets. Power unit is built in. Available in anthracite gray as a standard finish or any desired RAL colour. Adjustable mounting bracket made of aluminium with polyester powder coating.
<b>Optional Coating</b>	Marine grade.
<b>Diffuser</b>	Thermal-shock resistant tempered glass. No visible screws.
<b>LED Life Time</b>	L80 B10 70.000h Ta 25°C L80 B10 50.000h Ta 40°C
<b>Operating Temperature</b>	-40°C / +55°C
<b>Power Factor</b>	>0.95
<b>Control Systems</b>	DMX / RDM, DALI Interface.
<b>Protection Class</b>	IP66
<b>Impact Resistance</b>	IK09
<b>Insulation Class</b>	Class I
<b>Conformity</b>	Complies with European Standards EN 60598 and CE certified.

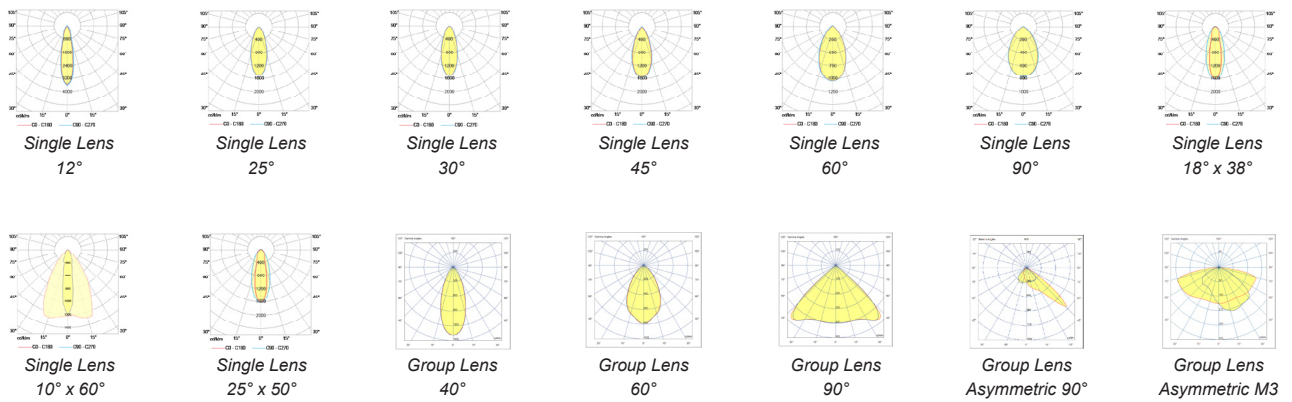
Technical Drawing



Information

CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) RGB	COLOUR TEMPERATURE
FL93142/L RGB	144W	8640	RGB

Light Distribution Curve



Accessories



**Glare Shield**  
Code: GS93121



**IP68 Plug Power Connector Set (Two Pieces)**  
Code: CON1202