



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.

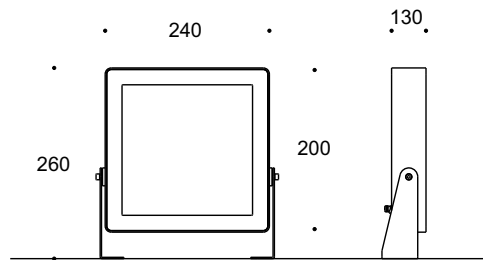
Designed to last in extremely harsh environments.



Key Data

LED Type	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant.
Nominal Voltage	220V-240V AC, 50/60Hz
Color Rendering Index	CRI ≥ 80 standard and CRI ≥ 90 on request.
Optics	Asymmetrical or rotationally symmetrical distribution . 12° / 25° / 30° / 40° / 45° / 60° / 90° / 18°x38° / 10°x60° / 25°x50° / M3
Materials	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.
Optional Coating	Marine grade.
Diffuser	Thermal-shock resistant tempered glass. No visible screws.
LED Life Time	L80 B10 70.000h Ta 25°C L80 B10 50.000h Ta 40°C
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	DALI Interface.
Protection Class	IP66
Impact Resistance	IK09
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.

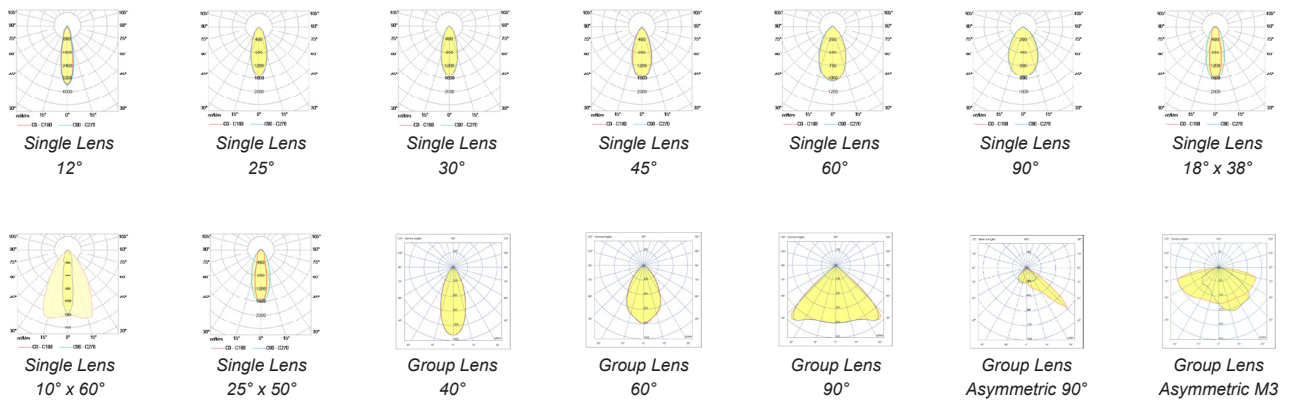
Technical Drawing



Information

CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE
FL93122/S MONO	48W	6480 / 6816	3000K / 4000K

Light Distribution Curve



Accessories



Glare Shield
Code: GS93121



IP68 Plug Power Connector Set
Code: CON1201