iPlasma REC | FL92181/S RGB-RGBW



Key Features

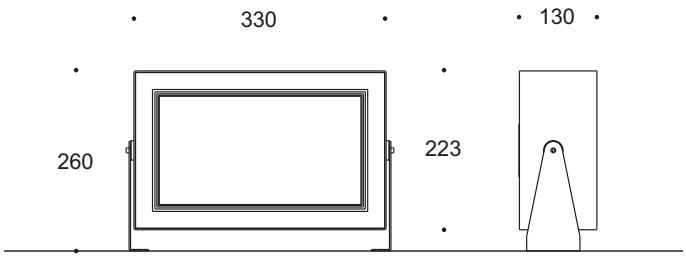
LED luminaire ideal for lighting facades, large structures, bridges, sports areas, retail spaces and perimeter areas.
iPlasma REC provides a high-intensity wash of light with customisable beam angles for floodlighting, spotlighting, wall washing and grazing.
Advanced thermal design with cutting-edge 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	L90 - B10 > 100,000h
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	DMX / RDM, DALI Interface.
Protection Class	IP66
Impact Resistance	IK09
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.

© Copyright BSI Lighting Technologies. We reserve the right to change specifications without prior notification. Due to the technological evolution of the electronic components, the data provided may be updated. Product illustrations serve as examples and may differ from the original.

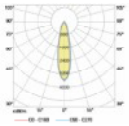
Technical Drawing

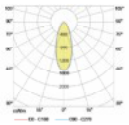


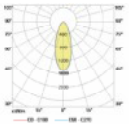
Information

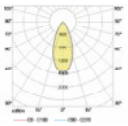
CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) RGB / RGBW	COLOUR TEMPERATURE
FL92181/S RGB-RGBW	96W	5760 / 6720	RGB - RGBW

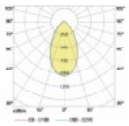
Light Distribution Curve

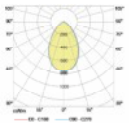

Single Lens 12°

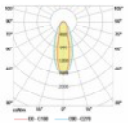

Single Lens 25°

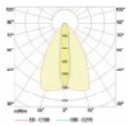

Single Lens 30°

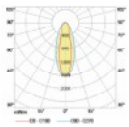

Single Lens 45°

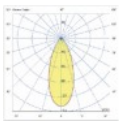

Single Lens 60°

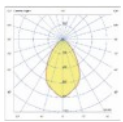

Single Lens 90°

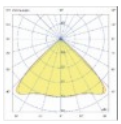

Single Lens 18° x 38°

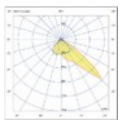

Single Lens 10° x 60°

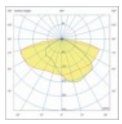

Single Lens 25° x 50°


Square Lens 40°


Square Lens 60°


Square Lens 90°


Square Lens Asymmetric 90°


Square Lens Asymmetric M3

Accessories



Glare Shield
Code: GS92121



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

© Copyright BSI Lighting Technologies. We reserve the right to change specifications without prior notification. Due to the technological evolution of the electronic components, the data provided may be updated. Product illustrations serve as examples and may differ from the original.