



Key Features

Rectangular shape LED lighting luminaire with innovative technology and modern design.

iMistral Rota offers outstanding light efficiency and integrates itself through the design into historic and modern surroundings with street optics. The LED system offers durability and optimal lumen output. BSISQ® LED Module integrated.

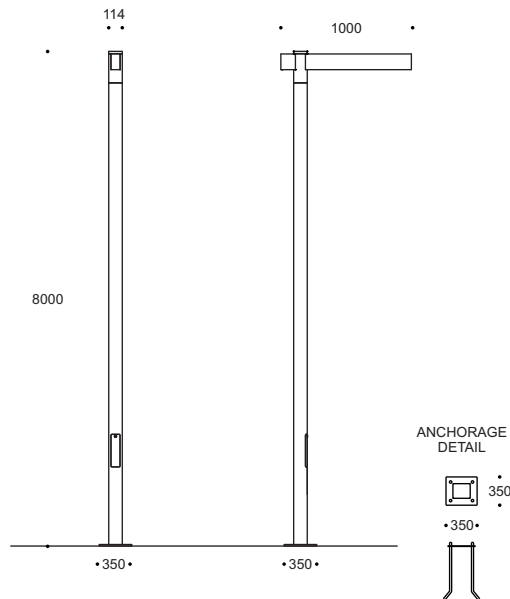
Designed to last in extremely harsh environments.



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.
Light Distribution	60° / 90° / M3
Materials	Corrosion resistant double layer polyester powder coated paint finish die cast aluminium housing, hot dip galvanised steel column 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.
Optional Coating	Marine grade.
Diffuser	Thermal-shock resistant tempered glass.
LED Life Time	L90 - B10 > 100,000h
Operating Temperature	-40°C / +55°C
Power Factor	>0.95
Control Systems	On-Off, 1-10V DIM, DALI Interface.
Protection Class	IP66
Impact Resistance	IK08
Insulation Class	Class I
Conformity	Complies with European Standards EN 60598 and CE certified.

Technical Drawing



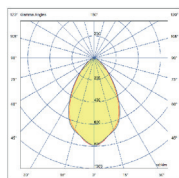
Information

CODE	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE
LB88505	128W	17280 / 18176	3000K / 4000K

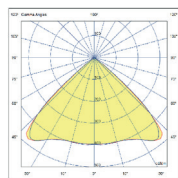
*Anchorage set included.

*Poles and flange cover to be ordered separately.

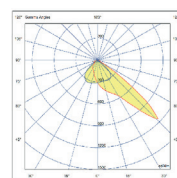
Light Distribution Curve



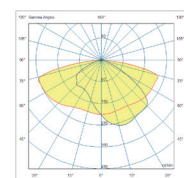
60°



90°



Asymmetric 90°



M3