

## Key Features

LED lighting with innovative technology and modern design.

iMistral offers outstanding light efficiency and integrates itself through the design into historic and modern surroundings with wide beam asymmetrical optics.

The LED system offers durability and optimal lumen output. BSISQ® LED Module integrated.

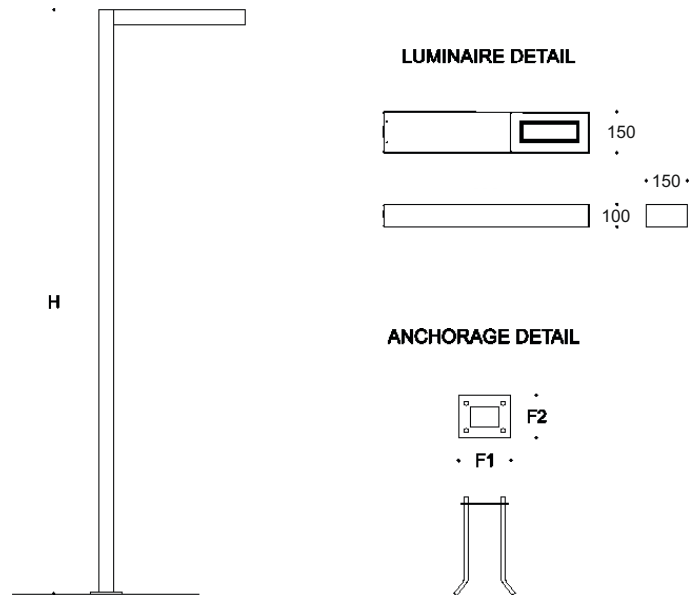
Designed to last in extremely harsh environments.



## 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>Light Distribution</b>	60° / 90° / M3
<b>Materials</b>	Corrosion resistant double layer polyester powder coated paint finish die cast aluminium housing, aluminium extruded column (EN AW-6060) 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.
<b>Optional Coating</b>	Marine grade.
<b>Diffuser</b>	Thermal-shock resistant tempered glass.
<b>LED Life Time</b>	> 100.000h L90 B10
<b>Operating Temperature</b>	-40°C / +55°C
<b>Power Factor</b>	>0.95
<b>Control Systems</b>	On-Off, DALI Interface, DALI D4I Compliant with ZAGHA applications.
<b>Protection Class</b>	IP66
<b>Impact Resistance</b>	IK08 standart, IK10 on request
<b>Insulation Class</b>	Class I, Class II on request
<b>Conformity</b>	Complies with European Standards EN 60598 and CE certified.

Technical Drawing



Information

CODE	POWER CONSUMPTION	LED QTY	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE
LB1386	40W	36	5400 / 5680	3000K / 4000K

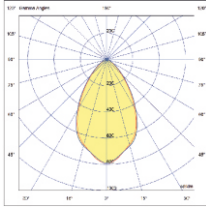
\*Anchorage set included.

\*Flange cover to be ordered separately.

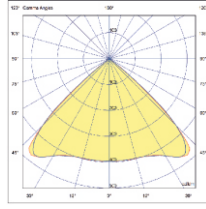
Poles

ALUMINIUM POLE	HEIGHT (mm)	DIMENSIONS (mm)	F1 x F2 (mm)
RCP509-AL	4000	150 x 100	220 x 250

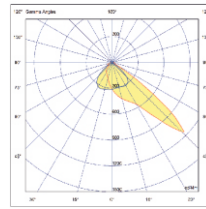
## Light Distribution Curve



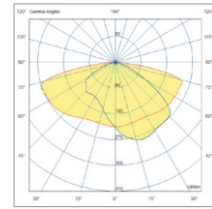
Square Lens  
60°



Square Lens  
90°



Square Lens  
Asymmetric 90°



Square Lens  
M3