



## Key Features

iFlat is a functional LED lighting solution for exterior lighting applications.

By using the same lighting platform and incorporating a new and unique BSISQ® LED Module; the luminaire achieves the required illumination levels and distribution in pedestrian, site, roadway environments.

iFlat is a modular urban lighting system with the perfect combination of design and innovation. The different installation configurations and the wide range of optics ensure lighting for urban environments that guarantees energy savings and respect for the ecosystem.

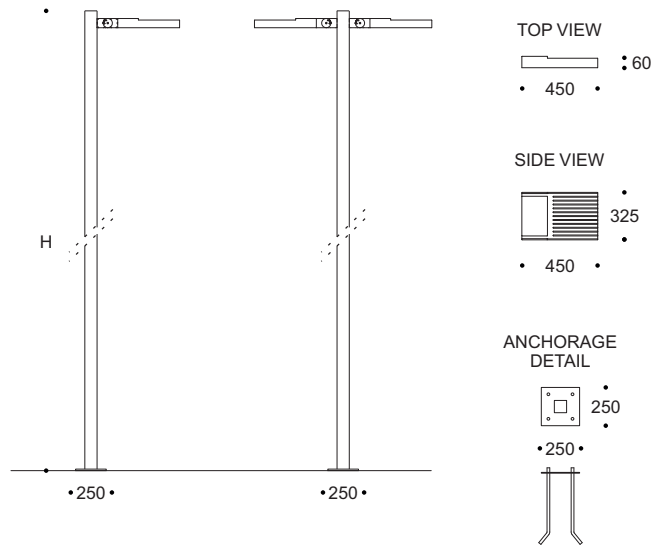
Designed to last in extremely harsh environments.



## 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 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 joint for beam direction 0° - 30°. BSISQ® LED Module.
<b>Optional Coating</b>	Marine grade.
<b>Diffuser</b>	Thermal-shock resistant tempered glass.
<b>LED Life Time</b>	L90 - B10 > 100,000h
<b>Operating Temperature</b>	-40°C / +55°C
<b>Power Factor</b>	>0.95
<b>Control Systems</b>	On-Off, 1-10V DIM, DALI Interface.
<b>Protection Class</b>	IP66
<b>Impact Resistance</b>	IK08
<b>Insulation Class</b>	Class I
<b>Conformity</b>	Complies with European Standards EN 60598 and CE certified.

Technical Drawing



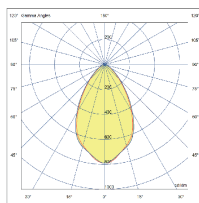
Information

Code	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE	H (mm)
UA1163	122W	16470 / 17324	3000K / 4000K	5000 - 6000

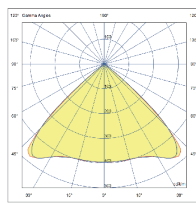
\*Anchorage set included.

\*Poles and flange cover to be ordered separately.

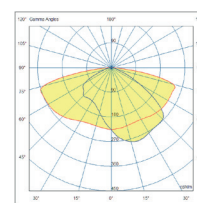
Light Distribution Curve



60°



90°



M3