



Flood Light

ARIEL-S-GEN2

Golnoor

Light up Your Life



Learn more about “Ariel-S-gen2”

The Ariel S Gen2 LED floodlight is designed for high efficiency and long-term reliability in outdoor and public lighting applications. With IP66 ingress protection and IK07 impact resistance, it ensures consistent performance under harsh environmental conditions. Equipped with high-quality LED modules and optimized thermal management, it provides stable illumination with reduced maintenance needs. Ariel S Gen2 is an ideal choice for sports areas, industrial zones, and general outdoor spaces requiring durable and precise lighting.



Class I



Flood Lighting



High PF



IP66



LED luminaire



Modular



Quick installation



Symmetrical light emission



Wall luminaire

- **Ariel-S-gen2**



Flood Light

5 years Golnoor Warranty

- **Index : Power (watt)**

— 45

— 80

- **Applications**

— Outdoor

— Landscape

ARIEL-S-GEN2

TECHNICAL SPECIFICATIONS

Review the technical specifications, dimensions, performance data, and related resources for Ariel-S-gen2

Index (Power (watt))	45	80
Optical characteristics		
LED Package Nominal Power (W)	1.5	
Initial SDCM (SDCM)	5	
Color Rendering Index	75	
LED Module Type	Integrated	
Light Source	SMD LED	
Lumen Maintenance Code	9	
LEDs Per Module (pcs)	48	144
Luminous Flux (lm)	6300 6600	11800 12400
Luminaire Efficacy (lm/W)	140 147	148 155
Color Temperature (K)	3,000 ~ 6,500 3000 · 4000 · 5000 · 6500	
Light Distribution Angle (°)	30 60 90	
Electrical characteristics		
Input Voltage (V)	Min 180 Max 265	
Input Frequency (Hz)	Min 50 Max 60	
Nominal Input Voltage (V)	230	
Nominal Input Frequency (Hz)	50	
Power Factor	0.95	
Total Harmonic Distortion (%)	15	
Electric Shock Protection Class	I	
LED Module Operating Voltage (V)	48	
Type of Power Supply	Independent	
Nominal Input Current (A)	0.206	0.37
General characteristics		
Mounting Type	Pole Mounted Surface Mounted Wall Mounted	
Working Temperature Range (°C)	Min -45 Max 55	
Maximum Relative Humidity (%)	95	
Rated Useful Life L70B10 (h)	100000	
Warranty (year)	5	
Mechanical characteristics		
Housing Material	Die-Cast Aluminum	
Optical Cover Material	Tempered Glass	
RAL Colour	Graphite Grey (RAL 7024)	
Surface Finish	Electrostatic Powder Coating	
Surface Texture	Sanded	
Dimensions (mm)	L: 330 · W: 240 · H: 70	
Weight (kg)	2.45	
Ingress Protection	IP66	

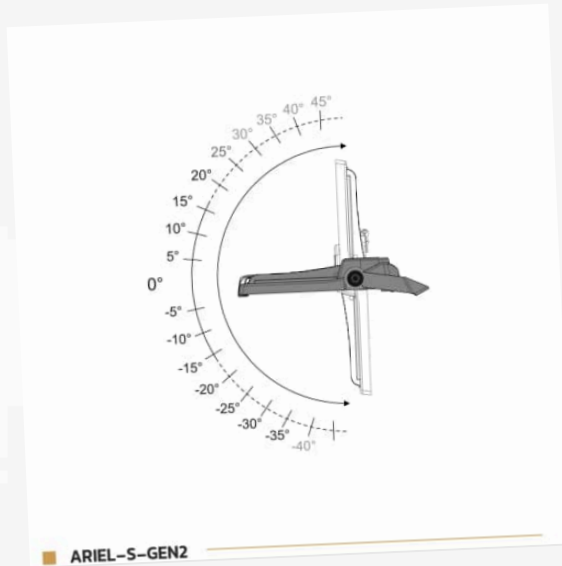
L: length · W: width · H: height · Ø: diameter

This is a compact product summary; visit the website for more details.

<https://golnoor.com/en/product/ariel-s-gen2>

Rotatable angles

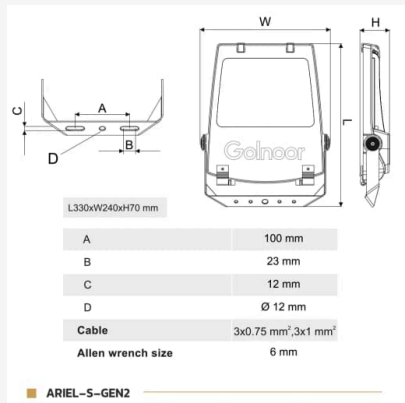
Adjustable angles enable precise aiming and suitable surface coverage across different applications.



01 | Ariel-S-gen2

Dimensions

Review overall dimensions and layout drawings for installation planning, placement, and site coordination.



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