

RUNWAY GUARD LIGHT



12/24 VDC

SOLAR
ENGINE

The S4GA Runway Guard Light (RGL) is a unidirectional LED fixture with dual yellow beams flashing 45–50 times per minute, guiding pilots and vehicles at runway/taxiway intersections. Anti-glare visors and weatherproof design ensure visibility in all conditions.

KEY FEATURES

- Easy levelling and adjustment
- Jet blast resistance (up to 480 km/h)
- Corrosion-resistant construction
- Self-cleaning glass surface
- Tethered for added safety


POWERED BY
SOLAR ENGINE MINI


TECHNICAL SPECIFICATIONS

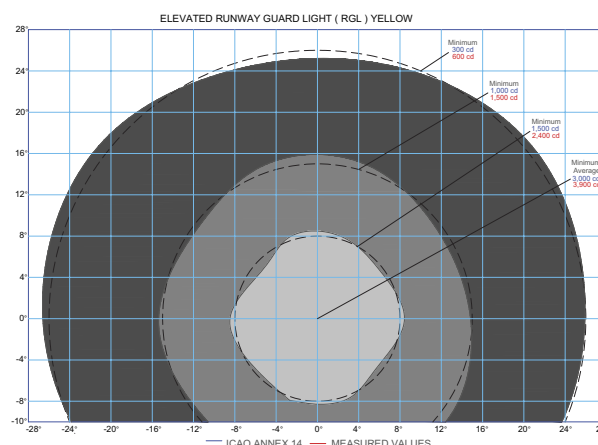
Optics	
	<ul style="list-style-type: none">• Light output: High intensity mode: 3.000 cd Low intensity mode: 300 cd
	<ul style="list-style-type: none">• Unidirectional type
	<ul style="list-style-type: none">• LED lifespan: 50.000 hrs
	<ul style="list-style-type: none">• Color: yellow, red (optional)
	<ul style="list-style-type: none">• User-replaceable
Control & Monitoring	
	<ul style="list-style-type: none">• Operating mode: Flashing: 45 - 50 FPM
	<ul style="list-style-type: none">• Remote control (On - Off)• Photocell control (Day - Night)• Remote activation (requires UR-1 Wireless Controller): Via ALCMS Computer Interface (requires UR-201) Via UR-201 Control & Monitoring Unit Via UR-101 Handheld Controller
Power Supply	
	<ul style="list-style-type: none">• 12/24 VDC
	<ul style="list-style-type: none">• S4GA Solar Engine Mini
Casing & Components	
Materials	Front cover: glass
	Hardware: stainless steel
	Coating: chromate treatment and electrostatic powder coating
	Finish: aviation yellow color
Frangible coupling	Yes
Dimensions	700 mm x 700 mm x 400 mm
Weight	14 kg
Compliance	
	<ul style="list-style-type: none">• ICAO Annex 14 Vol. I Para. 5.3.23
	<ul style="list-style-type: none">• FAA AC 150/5345-46 L-804
	<ul style="list-style-type: none">• IEC TS 61827
	<ul style="list-style-type: none">• STANAG 3316

PHOTOMETRIC PERFORMANCE

ICAO	S4GA High intensity mode	S4GA Low intensity mode
ICAO min average (cd)	Measured (cd)	Measured (cd)
3000	3900	300
ICAO min. (cd)	Measured (cd)	Measured (cd)
1500	2400	185
1000	1500	115
300	600	46

SHIPPING DATA

Item	Dimensions of Package (LxWxH)	Gross Weight
Runway Guard Light	845 mm x 780 mm x 500 mm	20 kg



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