

Solar LED Sign Light

AV-SIGN-20

Avlite
www.avlite.com
AUTHORISED DISTRIBUTOR

Features

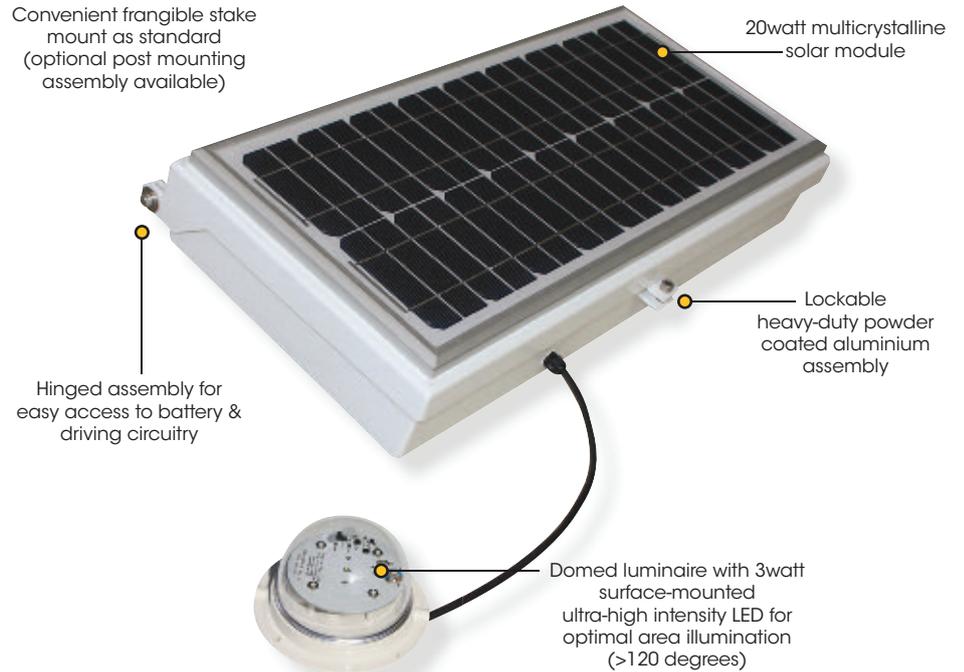
- Ultra high-intensity LEDs
- Extremely low maintenance
- Automatic night activation

Typical Applications

- Sign Lighting
- Area illumination

AV-SIGN-20-1-FM

Convenient frangible stake mount as standard (optional post mounting assembly available)



Avlite Systems' Solar LED Sign Light is a remote solar powered sign light specifically designed for airfield signage illumination.

The unit can be fitted with either 1 or 2 domed LED light fixtures, each featuring a 3 watt surface-mounted ultra-high intensity LED for maximum illumination with an even 120 degree light spread.

The light fixture also features a domed UV stabilized LEXAN® polycarbonate lens and base, and convenient mounting bracket ensuring flexibility and ease of installation.

The Power Box, consisting of a 20watt multicrystalline solar module, 18Ah SLA battery and charge regulator, is made from 7-stage powder-coated aluminium making the unit extremely robust. The Solar LED Sign Light is designed to withstand a range of environmental conditions, and once installed requires minimal maintenance.

The AV-SIGN-20 is used extensively by the US Air Force throughout the Middle East with units deployed at multiple FOBs providing significant safety, navigational and maintenance benefits to remote airfields.

"As the airfield lighting tech, I can say that I am impressed with your products thus far. We are using your solar sign lights to light the airfield signs ... they are a very positive addition to our runway. I'm very impressed with their quality and effectiveness."

USAF Electrical Staff
Forward Operating Base, Middle East



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SPECIFICATIONS* *

AV-SIGN-20

Light Characteristics

Light Source	Up to 2 domed LEXAN® luminaires each containing 1x 3watt ultra-high intensity surface-mounted LED (standard AV-SIGN-20 comes with 1 domed luminaire)
Light Spread	Approx. 120 degrees
LED Life Expectancy (hours)	>100,000

Electrical Characteristics

Current Draw (mA)	Up to 250mA per domed luminaire (dependent on numbers)
Circuit Protection	Integrated
Nominal Voltage	12
Temperature Range	-40 to 80°C

Solar Characteristics

Solar Module Type	Multicrystalline
Output (watts)	20
Solar Module Efficiency (%)	14
Charging Regulation	Integrated charge regulator

Power Supply

Battery Type	SLA (Sealed Led Acid)
Battery Capacity (Ah)	18
Nominal Voltage (v)	12
Autonomy (nights)	6

Physical Characteristics

Body Material (Domed Luminaire)	LEXAN® Polycarbonate - UV stabilized
Lens Material	LEXAN® Polycarbonate - UV stabilized
Body Material (Power Box)	7-stage powder-coated aluminium
Mounting	Frangible stake mount as standard (optional post mount available)
Length (mm/inches)	674 / 26½
Width (mm/inches)	332 / 13⅞
Mass (kg/lbs)	12 / 26½
Product Life Expectancy	Up to 12 years

Certifications

CE	EN61000-6-3:1997. EN61000-6-1:1997
Quality Assurance	ISO9001:2008

Intellectual Property

AVLITE® is a registered trademark of Avlite Systems

3 year warranty

• External ON/OFF Switch

• Post mount assembly

* Specifications subject to change or variation without notice

* Subject to standard terms and conditions

