

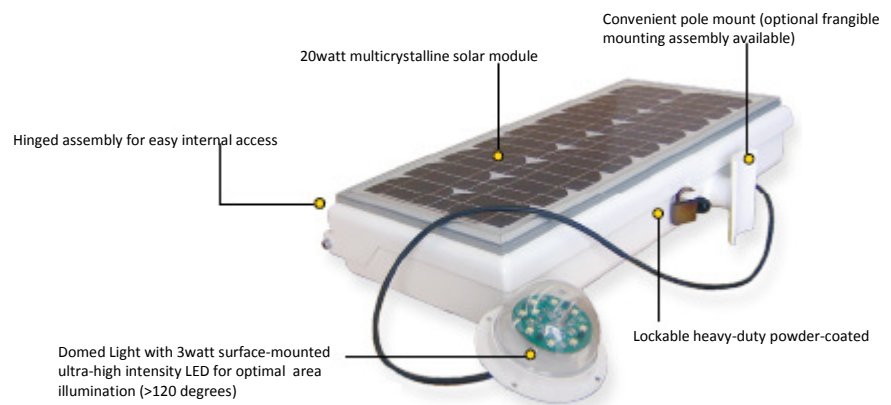
## AV-SIGN-20 Solar LED Sign Light

### Typical Applications

- ▶ Solar LED Sign Light

### Major Benefits

- ▶ Area Illumination
- ▶ Sign Lighting
- ▶ Ultra high-intensity LEDs
- ▶ Extremely low maintenance
- ▶ Automatic night activation



**Avlite System's Solar LED Sign Light is specifically designed for remote airfield signage illumination.**

The unit can be fitted with either one or two domed LED light fixtures, each with 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 stabilised LEXAN® polycarbonate lens and base and convenient mounting bracket ensuring flexibility and ease of installation.

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



Convenient swing-lid provides access to battery & driving circuitry

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**Total Turnkey Airport Solutions**

# AV-SIGN-20 Solar LED Sign Light

## SPECIFICATIONS

### Light Characteristics

Light Source	1 LED cluster in LEXAN® domed luminaires (standard)
Available Colours	White
Light Divergence (degrees)	120
LED Life Expectancy (hours)	100,000

### Electrical Characteristics

Current Draw (mA)	250mA per light
Circuit Protection	Integrated
Operating Voltage (v)	12
Autonomy (days)	6
Temperature Range	-40 to 80°C

### Solar Characteristics

Solar Module Type	Multicrystalline
Output (watts)	20
Solar Module Efficiency (%)	14
Charging Regulation	Regulated

### Power Supply

Battery Type	SLA (Sealed Lead Acid)
Battery Capacity (Ah)	18
Nominal Voltage (v)	12

### Physical Characteristics

Body Material (Domed Light Source)	LEXAN® Polycarbonate—UV stabilised
Body Material (Power Box)	7-stage powder-coated aluminium
Lens Material	LEXAN® Polycarbonate—UV stabilised
Mounting	Post or Stake mount available
Mass (kg/lbs)	9 / 19 ¾
Product Life Expectancy	Up to 12 years

### Certification

CE	EN61000-6-3:1977. EN61000-6-1:1997
Quality Assurance	ISO 9001:2000

### Intellectual Property

Trademarks	Avlite® is a registered trademark of Avlite Systems
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### Warranty

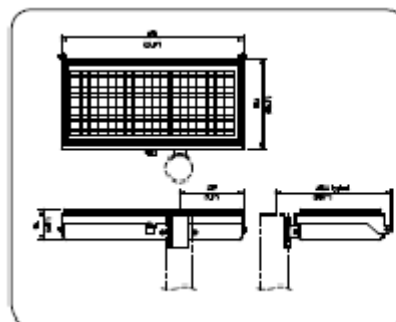
Full 3 year warranty

### Options Available

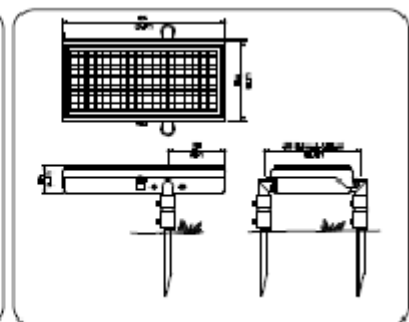
Mounting Assemblies

CE

\*Specifications subject to change or variation without notice



Shown with post side mount



Shown with frangible stake mount

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