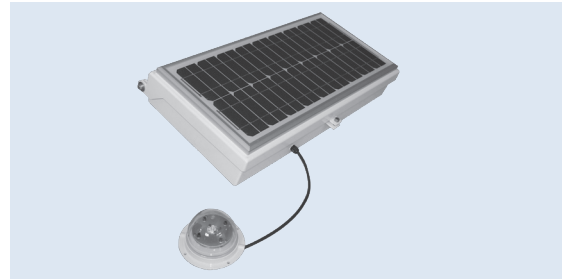


# AV-SIGN-20

## Solar LED Sign Light




### Applications

- Sign Lighting
- Area illumination

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

### Features

- CE Certified 
- Ultra high-intensity LEDs
- Extremely low maintenance
- Automatic night activation
- Hinged assembly for easy access to battery & driving circuitry
- 20watt multicrystalline solar module
- Lockable heavy-duty powder coated aluminium assembly
- Domed luminaire with 3watt surface-mounted ultra-high intensity LED for optimal area illumination (>120 degrees)

### Ordering Information



**Part Number:** AV-SIGN-20

**Domed AV09 Luminaires:**  
 1 = 1x  
 2 = 2x

**Mount Assembly:**  
 FM = Frangible Mount  
 PM = Post Mount

#### Options

**External ON/OFF Switch:** S = External ON/OFF Switch

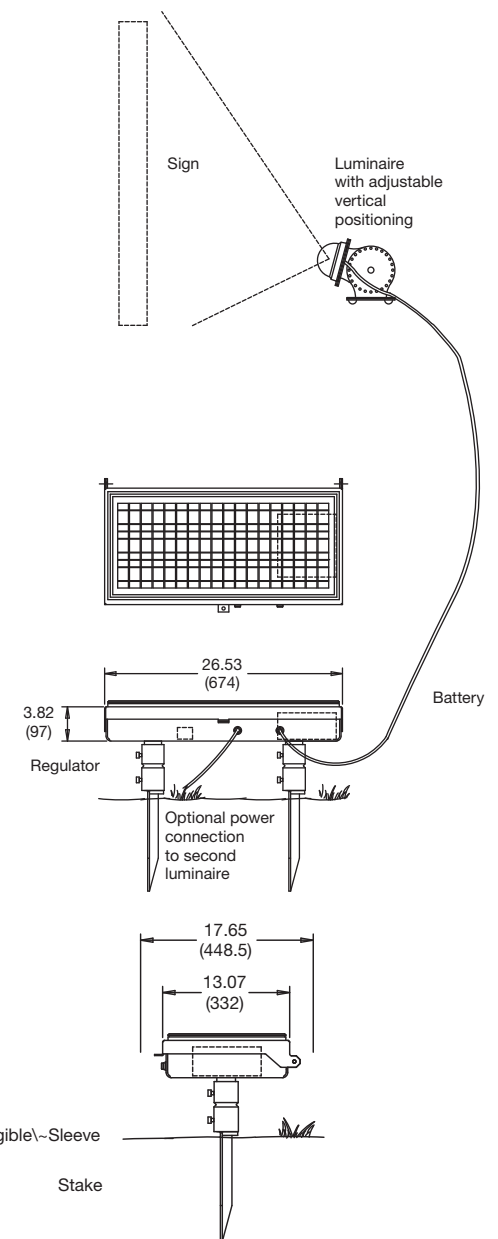
**Communication:** RF = RF Radio Control

## Specifications

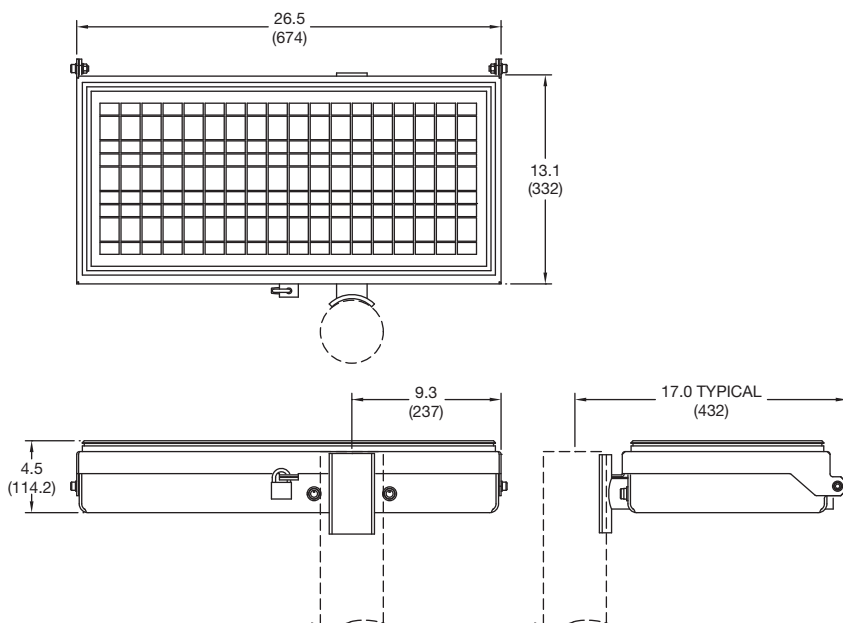
Light Characteristics	
Light Source	Up to 2 domed LEXAN® luminaires each containing 1x 3watt ultra-high intensity surface-mounted LED (standard AV-SIGN-20 comes with 1 domed luminaire)
Light Spread	Approx. 120 degrees
LED Life Expectancy (hours)	>100,000
Electrical Characteristics	
Current Draw (mA)	Up to 250mA per domed luminaire (dependent on numbers)
Circuit Protection	Integrated
Operating Voltage (v)	12
Temperature Range	-40°F to +176°F (-40°C 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 Lead 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)
Weight (kg/lbs)	12 / 26½
Product Life Expectancy	Up to 12 years

## Outline Drawing

Shown with frangible stake mount (standard)  
AV-SIGN-20-FM



Shown with post side mount  
AV-SIGN-20-PM



Dimensions: inches (mm)

Instruction Manual: AV-SIGN-20

Solar Aviation Light Products are manufactured by Avlite Systems, Victoria, Australia.

