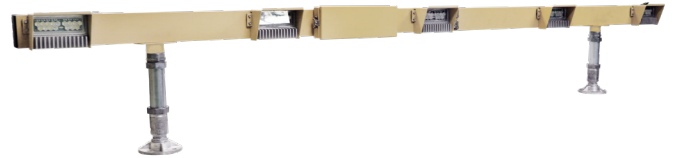




The **AV-BSBL** is a permanent or portable LED approach light barrette used to help the pilot visually identify and align the aircraft to the runway. It complies with FAA, UFC and NAVAIR lighting standards.

Standard				Optional		
	Permanent Mount	AC Input	Battery Backup		IR Output	Solar



Folding Steady Burning Barrette Shown in Extended Position When Deployed and Installed



Folding Steady Burning Barrette Shown Folded for Storage

Key Features:

- Portable Version is Foldable for Compact Storage
- Integrates into the MALSR Configuration
- Flexible Power Options

Flexible Configurations

The Barrette Steady Burning Light can be easily integrated into the MALSR configuration. The MALSR components consist of:

- 6 Steady Burning Barrettes
- 15 Stand-alone Steady Burning Lights
- 5 Sequenced Flashing Lights

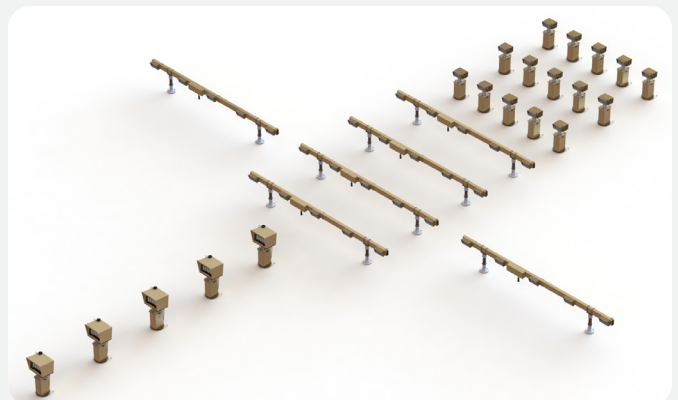
Applications

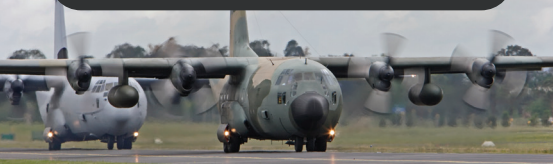
- Permanent use for IFR or CAT1 runways
- Portable for expeditionary, tactical, or temporary/semi-permanent use
- IR or NVG mode option for covert operations

Power Options

Depending upon your requirements, Avlite's Approach lighting can be configured with the following power options:

- AC
- DC
- AC/Battery Backup
- AC/Battery Backup with Solar





AV-BSBL

AC

DC

Light Characteristics

Light Source	LED	
Available Colors	White	
Intensity Adjustments	5 step intensity	
Operating time at maximum intensity (Battery)	4 hours	
LED Life Expectancy (hours)	>100,000	

Electrical Characteristics

Circuit Protection	Integrated	
Operating Input Voltage	90-264VAC 50/60 Hz	24VDC
Temperature Range	-40 to 122°F / -40 to 55°C	

Solar Characteristics

Solar Module Type	Monocrystalline	
Output (Watts)	100W	
Charging Regulation	MPPT	

Power Supply

Battery Type	Sealed Lead Acid (SLA)	
Battery Capacity (Ah)	25	
Nominal Voltage (V)	24	
Charger	Integrated	
Rated Power	100W	
Input Voltage	90-264VAC 50/60 Hz	

Physical Characteristics

Body Material	Painted aluminum	
Lens Material	Glass	
Lens Design	Multi-LED optic	
Mounting	Permanent and Portable	
Height (inches/mm)	25.65 / 652	
Width (inches/mm)	Unfolded: 129.75 / 3296 Folded: 69.84 / 1774	
Mass (lb/kg)	62 / 28	
Service Life	Up to 12 years	

Environmental Standards

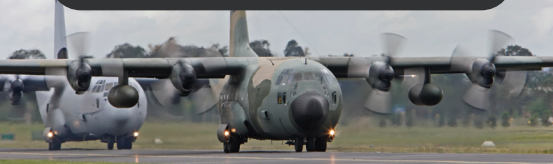
Wind Speed	Barrette: Up to 300 mph / 483 kph Solar Panel: 125 mph /201 kph	
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Compliance

FAA	FAA-E-2980	
NAVAIR	NAVAIR-51	
UFC	UFC 3-535	
Quality Assurance	ISO 9001:2015	
Trademarks	AVLITE® and AV-HMALS® are a registered trademark of Avlite Systems	

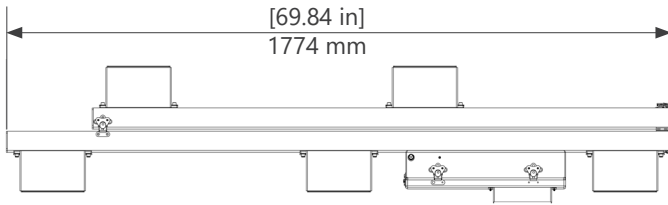
Other

Warranty *	2 years	
Available Options	Infrared Power Line Communication	
Terms and Conditions	Please refer to product installation manual for further specifications. Warranty Terms and Conditions available at www.avlite.com .	

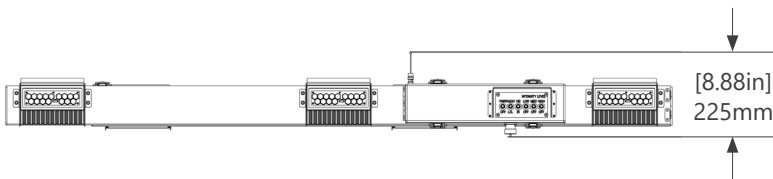


Technical Illustrations

Top View



Front View



Ordering This Product

AV-BSBL-[XX]-[XX]-[XX]-[XX]



- 1 Product Number**
- 2 Mounting**
 - P0 Permanent Installation
 - P1 Portable Installation
- 3 Voltage**
 - UM Universal Mains Input
 - DC DC Input
- 4 Color**
 - FO FAA Orange
 - IY ICAO Yellow
 - DT Desert Tan
 - NG NATO Green
- 5 Options**
 - 00 No Options
 - 02 Infrared
 - 04 Power Line Communication
 - 05 Power Line Communication, Infrared