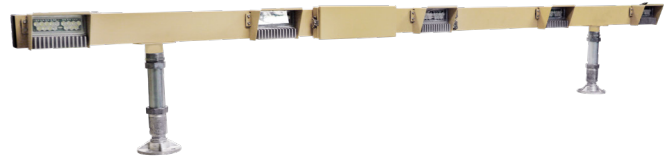




The **AV-BSBL** is a permanent or portable LED approach light barrette used to help the pilot visually identify and align the aircraft to the runway. It complies with FAA, UFC and NAVAIR lighting standards.

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

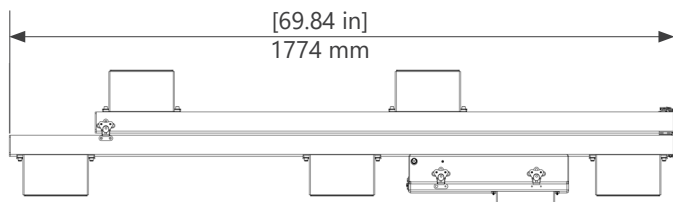
FAA	FAA-E-2980
NAVAIR	NAVAIR-51
UFC	UFC 3-535
Quality Assurance	ISO 9001:2015
Trademarks	AVLITE® and AV-HMALS® are a registered trademark of Avlite Systems

Other

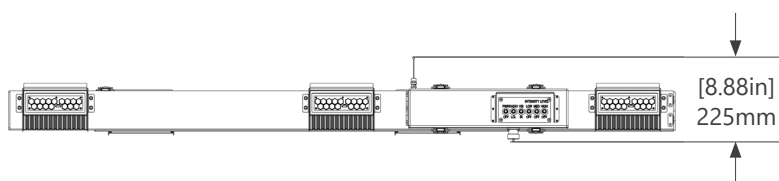
Warranty *	2 years
Available Options	Infrared Power Line Communication
Terms and Conditions	Please refer to product installation manual for further specifications. Warranty Terms and Conditions available at www.avlite.com .

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