

# Stik Series

EMBEDDED **BRITECOR**™ TECHNOLOGY

BSS-142

AC DIRECT LED  
NO POWER SUPPLY NEEDED



UP TO  
**15**  
YEAR  
WARRANTY

Most Efficient AC Direct  
Light Engine in the World



## PRODUCT DESCRIPTION :

- ⊗ BriteCor Adaptive AC Direct – No DC power supply
- ⊗ 450,000 hours MTBF of continuous operation
- ⊗ Up to 131 lumens per Watt measured output
- ⊗ Easily mountable
- ⊗ Constant lifetime lumen output
- ⊗ Maintenance-free
- ⊗ Low total cost of ownership
- ⊗ Tested and approved to UL standards for retrofit, replacement or new construction
- ⊗ Dimmable driver option available



## THE BRITCOR™ LIGHT ENGINE TECHNOLOGY

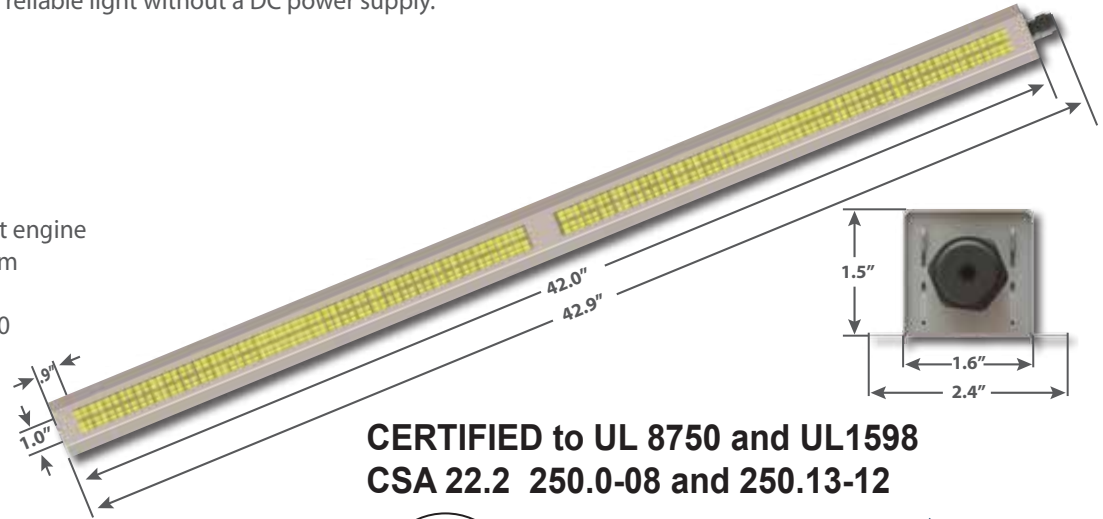
The BriteCor™ Light Engine is a patented Adaptive AC Direct LED Array Technology. Automatically adjusting the redundant LED mesh, BriteCor™ delivers a more efficient and reliable light without a DC power supply.

### FEATURES :

- Fixture :** Durable aluminum housing
- Lens :** Impact resistant polycarbonate
- LED Module :** BriteCor™ AC Direct light engine
- Finish :** White powder coated aluminum
- Warranty :** 10 years/15 year option
- Color Rendering Index (CRI) :** Up to 90
- Light Output:** 5240lm @ 40W, 5000K

### ELECTRICAL SPECIFICATIONS :

- Input Voltage :** 120, 277 VAC
- Power Input :** 20, 40 watts



**CERTIFIED to UL 8750 and UL1598  
CSA 22.2 250.0-08 and 250.13-12**



UL 8750, UL1598  
CSA 22.2 No. 250.0-08  
CSA 22.2 No. 250.13-12



**BRITCOR™ AC DIRECT TECHNOLOGY**

C US

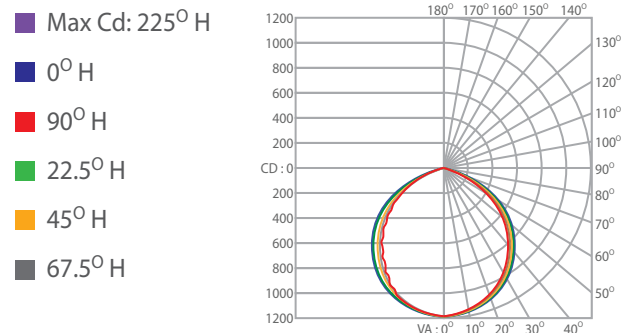
UL File Numbers: E212571, E212547

### ILLUMINANCE AT A DISTANCE

|         | Center Beam FC | Beam Width      |
|---------|----------------|-----------------|
| 1.7 ft  | 426.37 fc      | 5.0 ft 4.1 ft   |
| 3.3 ft  | 106.59 fc      | 10.0 ft 8.3 ft  |
| 5.0 ft  | 47.37 fc       | 15.0 ft 12.4 ft |
| 6.7 ft  | 26.65 fc       | 20.0 ft 16.5 ft |
| 8.3 ft  | 17.05 fc       | 25.0 ft 20.6 ft |
| 10.0 ft | 11.84 fc       | 29.9 ft 24.8 ft |

■ Vert. Spread : 112.5° ■ Horiz. Spread : 102.2°

### POLAR CANDELA DISTRIBUTION



### ORDERING INFORMATION

**BSS - 142** | - **XX** | - **X** | - **XXXX** | - **XX** | / **XX** | **XXXX** | **XX** | **XX** | **XX**

- POWER (W)**  
20  
40
- VOLTAGE**  
1 = 120VAC  
2 = 277VAC
- COLOR/CRI**  
First 2 - color  
30 = 3000K  
35 = 3500K  
40 = 4000K  
50 = 5000K  
57 = 5700K  
Last 2 - CRI  
80 = 80  
90 = 90
- CABLE**  
J1 = Jacketed Cable w/pigtail  
A1 = Straight Armored  
A2 = Right Angle Armored
- HOUSING COLOR**  
(BLANK) White  
B black  
W textured white  
S hammered silver
- OPTIONS**  
**ACCESSORIES/OPTIONS:**  
**CABLE LENGTH:** (BLANK) 6' (Standard)  
Connection CXX XX'
- DIFFUSER:**  
(BLANK) No Diffuser  
D Diffuser
- WARRANTY:**  
10 10yr Warranty  
15 15yr Warranty
- DIMMER:**  
(BLANK) Standard Driver  
SC SmartCor Dimmable Driver

BSS-142-40-2-4080-A1/B C10 D 15 SC

\*Results may vary. Product dimensions and specifications are subject to change without notice.