

**BKSSL**  
SOLID STATE LIGHTING



# SIGN STAR™ STYLE L

<b>PROJECT:</b>	305 Commercial Street
<b>TYPE:</b>	
<b>CATALOG NUMBER:</b>	
<b>SOURCE:</b>	
<b>NOTES:</b>	Lavallee Brensinger Architects

## CATALOG NUMBER LOGIC

**Example:** SN - 24 - L - LED - e36 - NSP - A9 - WHW - 12 - 11 - A

Series SN - Sign Star™

Stem Length 24  
18", 24", 30", 36", 42", or 48"  
(Specify in inches)

Style L - 90° Radius

Source LED - 'e' Technology with Integral Dimming Driver (25W min. load when dimmed)  
Designed for use with remote 12VAC BKSSL\* transformers. Requires magnetic Low Voltage dimmer.

LED Type  

e36 - 8WLED/2.7K	e23 - 8WLED/4K
e22 - 8WLED/3K	e27 - 8WLED/Amber

Optics\*  

NSP - Narrow Spot (Red Indicator)	MFL - Medium Flood (Yellow Indicator)
SP - Spot (Green Indicator)	WFL - Wide Flood (Blue Indicator)

Adjust-e-Lume® Output Intensity\*\* (Choose factory setting)  
 A9 (Standard), A8, A7, A6, A5, A4, A3, A2, A1  
 \*\*Please see Adjust-e-Lume® photometry to determine desired intensity.

Finish

Aluminum Finish			Premium Finish		
<b>Powder Coat Color</b>	<b>Satin</b>	<b>Wrinkle</b>	<b>ABP</b> Antique Brass Powder	<b>CMG</b> Cascade Mountain Granite	<b>RMG</b> Rocky Mountain Granite
Bronze	<b>BZP</b>	<b>BZW</b>	<b>AMG</b> Aleutian Mountain Granite	<b>CRI</b> Cracked Ice	<b>SDS</b> Sonoran Desert Sandstone
Black	<b>BLP</b>	<b>BLW</b>	<b>AQW</b> Antique White	<b>CRM</b> Cream	<b>SMG</b> Sierra Mountain Granite
White (Gloss)	<b>WHP</b>	<b>WHW</b>	<b>BCM</b> Black Chrome	<b>HUG</b> Hunter Green	<b>TXF</b> Textured Forest
Aluminum	<b>SAP</b>	—	<b>BGE</b> Beige	<b>MDS</b> Mojave Desert Sandstone	<b>WCP</b> Weathered Copper
Verde	—	<b>VER</b>	<b>BPP</b> Brown Patina Powder	<b>NBP</b> Natural Brass Powder	<b>WIR</b> Weathered Iron
			<b>CAP</b> Clear Anodized Powder	<b>OCP</b> Old Copper	<i>Also available in RAL Finishes See submittal SUB-1439-00</i>

Lens Type 12 - Soft Focus Lens      13 - Rectilinear Lens

Shielding 11 - Honeycomb Baffle

Cap Style A - 45°    B - 90°    C - Flush    D - 45° less Weep Hole (Interior Use Only)    E - 90° less Weep Hole (Interior Use Only)    F - 90° cutoff with Flush Lens

<b>DRIVER DATA</b>	<b>Input Volts</b> 12VAC/DC 50/60Hz	<b>InRush Current</b> 250mA (non-dimmed)	<b>Dimmable</b> Magnetic Low Voltage Dimmer	<b>Operation Ambient Temperature</b> -22°F-194°F (-30°C - 90°C)
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### LM79 DATA

BK No.	CCT (Typ.)	Input Watts (Typ.)	CRI (Typ.)
e36	2700K	8.4	90
e22	3100K	8.4	90
e23	4100K	8.4	75
e27	Amber (590nm)	7.9	~

### L70 DATA

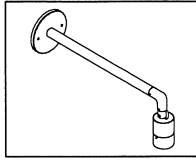
Minimum Rated Life (hrs.) 70% of initial lumens (L70)
50,000
50,000
50,000
50,000

### \*OPTICAL DATA

Beam Type	Angle	e23 CBCP	Visual Indicator
Narrow Spot	14°	3594	Red Dot
Spot	18°	2456	Green Dot
Medium Flood	25°	1335	Yellow Dot
Wide Flood	36°	747	Blue Dot

<b>B-K LIGHTING</b>	40429 Brickyard Drive • Madera, CA 93636 • USA 559.438.5800 • FAX 559.438.5900 www.bklighting.com • info@bklighting.com	SUBMITTAL DATE 01-19-15	DRAWING NUMBER SUB-2273-00
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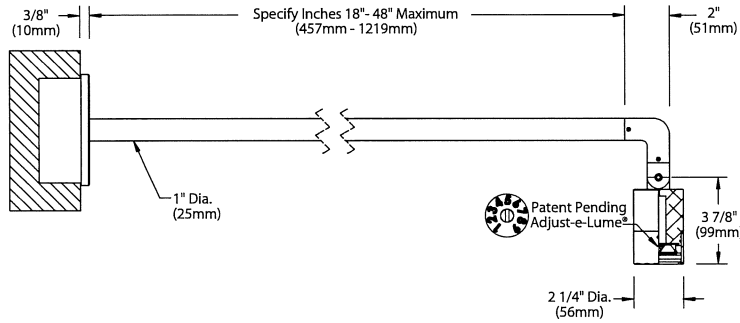
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SOLID STATE LIGHTING

the power of  
dimming with adjust-e-lume®  
TECHNOLOGY

# SIGN STAR™ STYLE L

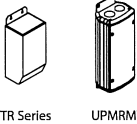
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## SIDE VIEW



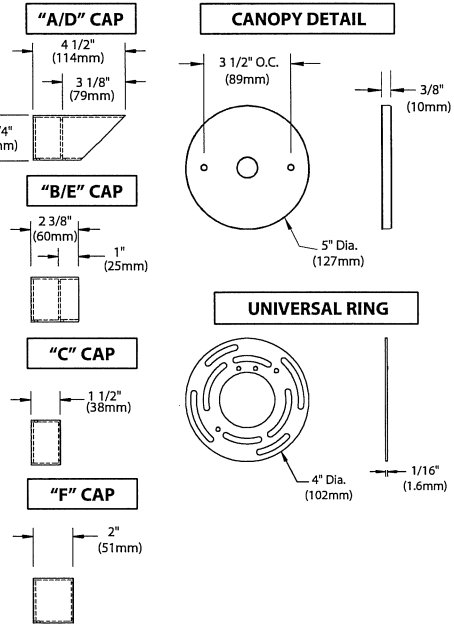
## Accessories (Configure separately)

### Remote Transformers:



TR Series

UPMRM™



All dimensions indicated on this submittal are nominal.  
Contact Technical Sales if you require more stringent specifications.

## SPECIFICATIONS

### GreenSource Initiative™

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced on site. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult [www.bklighting.com/greensource](http://www.bklighting.com/greensource) for program requirements.

### Materials

Furnished in Copper-Free Aluminum (Type 6061-T6).

### Style

'L' Style provides clean, 90° transition from fixture to stem.

### Body

Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. Integral knuckle for maximum mechanical strength. High temperature, silicone 'O' Ring provides water-tight seal.

### Knuckle

The LOCK™ (Locking 'O' Ring Compression Knuckle) is comprised of two components. The first is integral to the body and features an interior, machined taper. The second is machined from solid billet and features a second, reverse angle taper. The resultant mechanical taper-lock allows a full 180° vertical adjustment without the use of serrated teeth, which inherently limit aiming. High temperature, silicone 'O' Ring provides water-tight seal and compressive resistance to maintain fixture position. Design withstands 73 lb. static load prior to movement to ensure decades of optical alignment. Biaxial source control with 360° horizontal rotation in addition to vertical adjustment.

### Cap

Fully machined. Accommodates [1] lens or louver media. Choose from 45° cutoff ('A' or 'D'), 1" deep bezel with 90° cutoff ('B' or 'E'), flush lens ('C') cap styles, or 1" deep cutoff with flush mounted lens ('F'). 'A' and 'B' caps include weep-hole for water and debris drainage. 'D' and 'E' caps exclude weep-hole and are for interior use only.

### Stem

Fully machined, 1" dia. with internal threads for maximum visual appeal. Available in configurable lengths to 48" maximum overall.

### Lens

Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify soft focus (#12) or rectilinear (#13) lens.

### BKSSL®

Integrated solid state system with 'e' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. High power, forward throw source complies with ANSI C78.377 binning requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components.

Integral, constant current driver. 12VAC/VDC input. 50/60Hz. Proprietary input control scheme achieves power factor correction and eliminates inrush current. Output, over-voltage, open-circuit, and short circuit protected. Inrush current limited to 250mA (non-dimming). Conforms to Safety Std. C22.2 No. 250.13-12.

Line dimmable. For use with low voltage dimmer with dedicated neutral conductor. Minimum 25 watt load required for dimming.

### Optics

Interchangeable OPTIKIT™ modules permit field changes to optical distribution. Color-coded for easy reference: Narrow Spot (NSP) = Red. Spot (SP) = Green. Medium Flood (MFL) = Yellow. Wide Flood (WFL) = Blue.

### Adjust-e-Lume® (Pat. Pending)

Integral electronics allows dynamic lumen response at the individual fixture. Indexed (100% to 25% nom.) lumen output. Maintains output at desired level or may be changed as conditions require. Specify factory preset output intensity.

### Installation

5" dia., machined canopy permits mounting to 4" octagonal junction box. Junction box installation must be designed to hold full fulcrum weight of fixture (junction box and gasket by others).

### Remote transformer

For use with 12VAC remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.

### Wiring

PVC coated, 18AWG, 150V, 60°C rated and certified to UL 1838 standard.

### Hardware

Tamper-resistant, stainless steel hardware. LOCK™ aiming screw and canopy mounting screws are additionally black oxide treated for additional corrosion resistance.

### Finish

StarGuard®, our exclusive RoHS compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.

### Warranty

5 year limited warranty.

### Certification and Listing

ITL tested to IESNA LM-79. Lighting Facts Registration per USDOE ([www.lightingfacts.com](http://www.lightingfacts.com)). ETL Listed to ANSI/UL Standard 1838 and UL Subject 8750 and Certified to CAN/CSA Standard C22.2 No. 9. RoHS compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. IP 66 Rated. Made in USA.



\*Energy Star is a registered trademark of the United States Environmental Protection Agency.

# B-K LIGHTING

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