

# SIGN STAR™ STYLE L

<b>PROJECT:</b>	
<b>TYPE:</b>	
<b>CATALOG NUMBER:</b>	
<b>SOURCE:</b>	
<b>NOTES:</b>	

## CATALOG NUMBER LOGIC

[GET A QUOTE >](#)

**Example:** **SN** - **24** - **L** - **LED** - **e64** - **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 (See Specifications for Dimming)  
*Designed for use with remote 12VAC BKSSL® transformers. Requires magnetic Low Voltage dimmer.*

LED Type  
**e64** - 7WLED/2.7K      **e66** - 7WLED/4K  
**e65** - 7WLED/3K      **e74** - 7WLED/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**

Finish

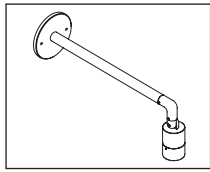
Aluminum Finish			Premium Finish		
Powder Coat Color	Satin	Wrinkle	ABP	CMG	RMG
Bronze	<b>BZP</b>	<b>BZW</b>	Antique Brass Powder	Cascade Mountain Granite	Rocky Mountain Granite
Black	<b>BLP</b>	<b>BLW</b>	AMG Aleutian Mountain Granite	<b>CRI</b> Cracked Ice	<b>SDS</b> Sonoran Desert Sandstone
White (Gloss)	<b>WHP</b>	<b>WHW</b>	<b>AQW</b> Antique White	<b>CRM</b> Cream	<b>SMG</b> Sierra Mountain Granite
Aluminum	<b>SAP</b>	—	<b>BCM</b> Black Chrome	<b>HUG</b> Hunter Green	<b>TXF</b> Textured Forest
Verde	—	<b>VER</b>	<b>BGE</b> Beige	<b>MDS</b> Mojave Desert Sandstone	<b>WCP</b> Weathered Copper
			<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

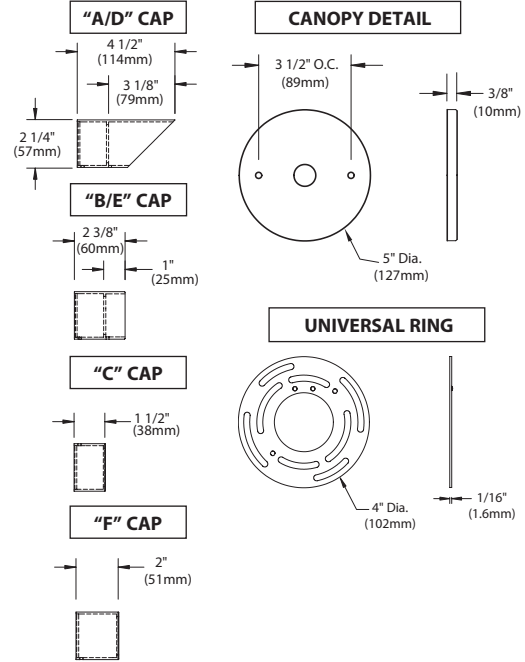
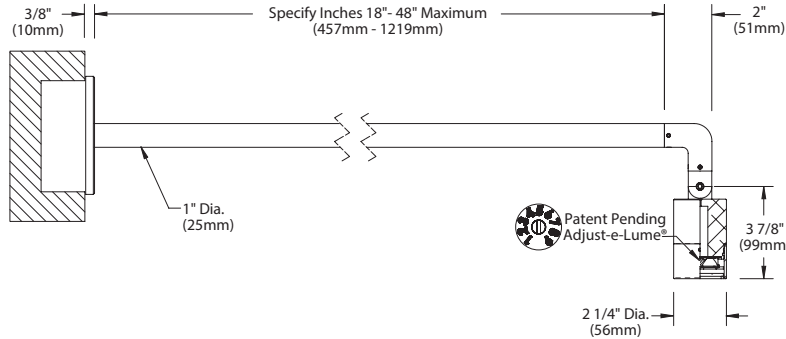
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# SIGN STAR™ STYLE L

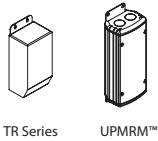
PROJECT:	
TYPE:	

## SIDE VIEW



## Accessories (Configure separately)

### Remote Transformers:



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.

### BKSSSL®

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.

### Dimming

Line voltage dimmable via magnetic low voltage dimmer. For use with low voltage dimmer with dedicated neutral conductor. For purposes of dimming: Remote magnetic transformer with BKSSSL® Power of 'e' technology loads should be loaded to 25% of the transformer VA (watts) rated value.

### 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 BKSSSL 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. UL Listed. Certified to CAN/CSA/ANSI Standards. 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.

DRIVER DATA	Input Volts	InRush Current	Operating	Dimmable	Operation Ambient Temperature
	12VAC/DC 50/60Hz	<250mA (non-dimmed)	700mA	Magnetic Low Voltage Dimmer	-22°F-194°F (-30°C - 90°C)

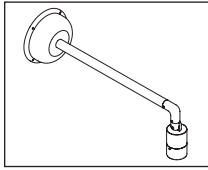
LM79 DATA				L70 DATA		OPTICAL DATA		
BK No.	CCT (Typ.)	CRI (Typ.)	Input Watts (Typ.)	Minimum Rated Life (hrs.) 70% of initial lumens (L70)		Angle	CBCP	Delivered Lumens
e64	2700K	80	7	50,000		13°	5993	456
	2700K	80	7	50,000		16°	4546	445
	2700K	80	7	50,000		23°	1726	397
	2700K	80	7	50,000		31°	1131	399
e65	3000K	80	7	50,000		13°	6131	466
	3000K	80	7	50,000		16°	4650	455
	3000K	80	7	50,000		23°	1766	406
	3000K	80	7	50,000		31°	1157	409
e66	4000K	80	7	50,000		13°	6889	524
	4000K	80	7	50,000		16°	5225	511
	4000K	80	7	50,000		23°	1984	456
	4000K	80	7	50,000		31°	1300	459
e74	Amber (590nm)	~	7	50,000		~	~	~

### FOR USE WITH

<b>NS</b> Nite Star™	<b>EC</b> El Capitan Series™
<b>NSII</b> Nite Star II™	<b>ED</b> El Dorado™
<b>AR</b> ArtiStar™	<b>SM-AR</b> ArtiStar™ Surface Downlight
<b>DS</b> Delta Star™	<b>PM</b> Pendant
<b>SN</b> Sign Star™	<b>WM</b> Twin Pendant
<b>ST</b> Twin Sign Star™	<b>UL-AR</b> ArtiStar™ Recessed Uplight
<b>SF</b> Staff Star™	<b>HP2</b> HP2 Series™
<b>TF</b> Twin Staff Star™	<b>CO2</b> CO2 Series™
<b>WS</b> Well Star™	<b>CD-VS</b> Core Drill Versa Star™
<b>AW</b> Adjustable Well Star™	<b>CD-VQ</b> Core Drill Square Versa Star™
<b>SW</b> Square Adjustable Well Star™	
<b>GD</b> Gold Star™	
<b>GQ</b> Square Gold Star™	

### OPTICS

Optic	Angle
NSP - Narrow Spot	13°
SP - Spot	16°
MFL - Medium Flood	23°
WFL - Wide Flood	31°



# SIGN STAR™ STYLE L with Power Canopy

<b>PROJECT:</b>	
<b>TYPE:</b>	
<b>CATALOG NUMBER:</b>	
<b>SOURCE:</b>	
<b>NOTES:</b>	

## CATALOG NUMBER LOGIC

**Example:** **SN** - **30** - **L** - **LED** - **e64** - **SP** - **A8** - **SAP** - **13** - **11** - **C** - **PC**

Series **SN** - Sign Star™

Stem Length **30** - 18", 24", 30", or 36" (Specify in inches)

Style **L** - 90° Radius

Source **LED** - 'e' Technology with Integral Driver

LED Type **e64** - 7WLED/2.7K      **e66** - 7WLED/4K  
**e65** - 7WLED/3K      **e74** - 7WLED/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**

Finish

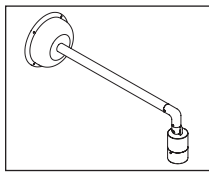
Aluminum Finish			Premium Finish		
Powder Coat Color	Satin	Wrinkle	ABP	CMG	RMG
Bronze	<b>BZP</b>	<b>BZW</b>	Antique Brass Powder	Cascade Mountain Granite	Rocky Mountain Granite
Black	<b>BLP</b>	<b>BLW</b>	<b>AMG</b> Aleutian Mountain Granite	<b>CRI</b> Cracked Ice	<b>SDS</b> Sonoran Desert Sandstone
White (Gloss)	<b>WHP</b>	<b>WHW</b>	<b>AQW</b> Antique White	<b>CRM</b> Cream	<b>SMG</b> Sierra Mountain Granite
Aluminum	<b>SAP</b>	—	<b>BCM</b> Black Chrome	<b>HUG</b> Hunter Green	<b>TXF</b> Textured Forest
Verde	—	<b>VER</b>	<b>BGE</b> Beige	<b>MDS</b> Mojave Desert Sandstone	<b>WCP</b> Weathered Copper
			<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

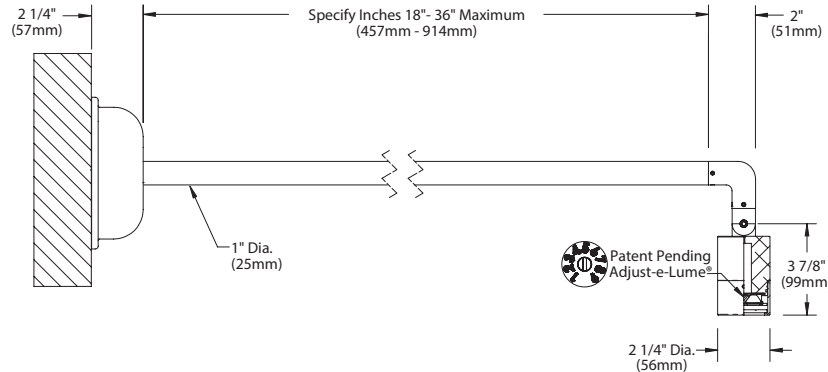
Transformer Style **PC** - Power Canopy with TRe20 Electronic Transformer\*  
*\*105-300 VAC. 50/60 Hz. Non-Dimming*



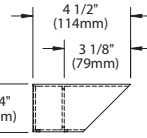
# SIGN STAR™ STYLE L with Power Canopy

PROJECT:	
TYPE:	

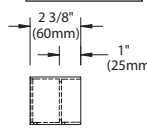
**SIDE VIEW**



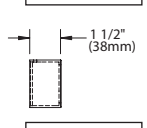
**"A/D" CAP**



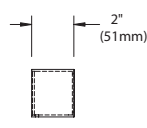
**"B/E" CAP**



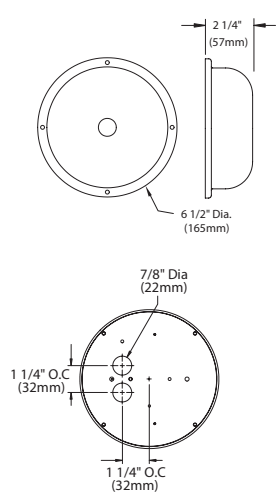
**"C" CAP**



**"F" CAP**



**POWER CANOPY DETAIL**



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 36" 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.

**BKSSSL®**  
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.

**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 = 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**  
6-1/2" dia. Power Canopy™ features gasketed mounting plate for surface or junction box installation with two 1/2" KO's for wiring (hardware by others). Junction box installation must be designed to hold full fulcrum weight of fixture.

**Transformer**  
Integral, TRe20 electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.

**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.

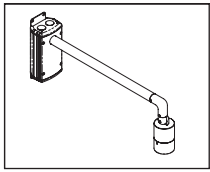
**Finish**  
StarGuard®, our exclusive RoHs compliant, 15 stage chromate-free process cleans and conversion coats aluminum components prior to application of Class 'A' TGIC polyester powder coating.

**Warranty**  
5 year limited warranty.

**Certification and Listing**  
ITL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. 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.



# SIGN STAR™ STYLE L with PM1

<b>PROJECT:</b>	
<b>TYPE:</b>	
<b>CATALOG NUMBER:</b>	
<b>SOURCE:</b>	
<b>NOTES:</b>	

## CATALOG NUMBER LOGIC

**SN**  **L** **LED**         **PM1**

**Example:** SN - 24 - L - LED - e66 - MFL - A4 - BZP - 12 - 11 - D - PM1 - CR - MB

Series  **SN** - Sign Star™

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

Style  **L** - 90° Radius

Source  **LED** - 'e' Technology with Integral Driver

LED Type  **e64** - 7WLED/2.7K      **e66** - 7WLED/4K  
**e65** - 7WLED/3K      **e74** - 7WLED/Amber

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

Adjust-e-Lume® Output Intensity (Choose factory setting)  **A9** (Standard), **A8, A7, A6, A5, A4, A3, A2, A1**

Finish

Aluminum Finish		
Powder Coat Color	Satin	Wrinkle
Bronze	<b>BZP</b>	<b>BZW</b>
Black	<b>BLP</b>	<b>BLW</b>
White (Gloss)	<b>WHP</b>	<b>WHW</b>
Aluminum	<b>SAP</b>	—
Verde	—	<b>VER</b>

Premium Finish		
<b>ABP</b> Antique Brass Powder	<b>CMG</b> Cascade Mountain Granite	<b>RMG</b> Rocky Mountain Granite
<b>AMG</b> Aleutian Mountain Granite	<b>CRI</b> Cracked Ice	<b>SDS</b> Sonoran Desert Sandstone
<b>AQW</b> Antique White	<b>CRM</b> Cream	<b>SMG</b> Sierra Mountain Granite
<b>BCM</b> Black Chrome	<b>HUG</b> Hunter Green	<b>TXF</b> Textured Forest
<b>BGE</b> Beige	<b>MDS</b> Mojave Desert Sandstone	<b>WCP</b> Weathered Copper
<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

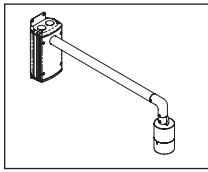
Shielding  **11** - Honeycomb Baffle

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

Transformer Style  **PM1** - Universal Power Module™ with TRe20 Electronic Transformer (105-300 VAC, 50/60 Hz, Non-Dimming)

Mounting  **SM** - Surface Mount      **CR** - Round Camlock™      **CT** - Rectangular Camlock™

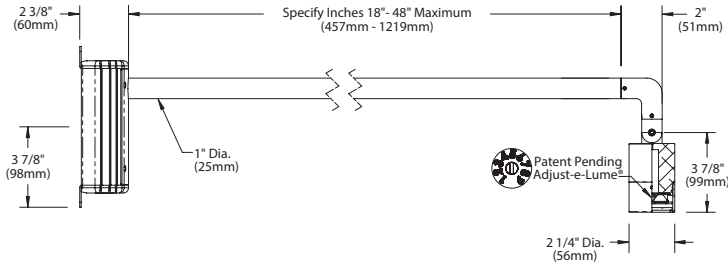
Options  **MB** - Mounting Brackets (for CR and CT only)



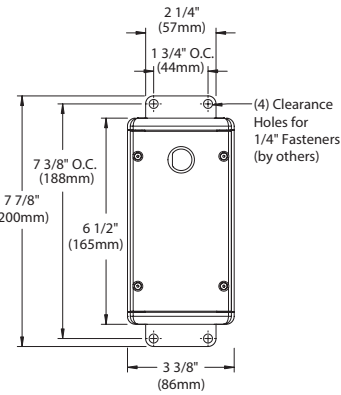
# SIGN STAR™ STYLE C with PM1

PROJECT:	
TYPE:	

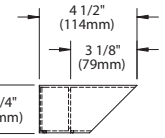
## SIDE VIEW



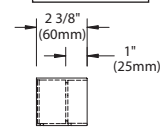
## SURFACE MOUNT WITH BRACKETS



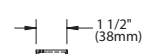
## "A/D" CAP



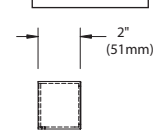
## "B/E" CAP



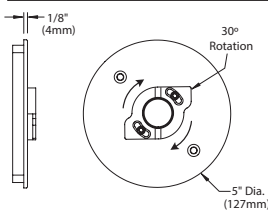
## "C" CAP



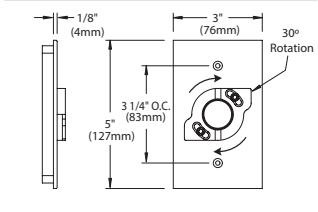
## "F" CAP



## ROUND CAMLOCK™ CANOPY



## RECTANGULAR CAMLOCK™ CANOPY



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/WDC 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.

### 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

Universal Power Module™ (PM1) features aluminum extrusion with die cast end caps. Surface mounted with flow through back channel to prevent water and debris collection. Machined aluminum cover with countersunk holes for flush hardware installation. Front access for ease of installation and inspection. [2] 1/2" NPT female conduit entries per end cap for through wiring. Specify Surface Mount (SM), Round Camlock™ Canopy (CR) or Rectangular Camlock™ Canopy (CT).

### Transformer

Integral, TRe20 electronic transformer. 105-300VAC primary voltage. 50/60Hz. Non Dimming. 20VA maximum load.

### 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

**SignStar™:** UL Listed. Certified to CAN/CSA/ANSI Standards. IP66 Rated. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations.





**PM1™:** NEMA 4X / IP-66 Rated Enclosure. UL Listed. Certified to CAN/CSA/ANSI Standards.

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.



- RED  **Narrow Spot (NSP)**
- GREEN  **Spot (SP)**
- YELLOW  **Medium Flood (MFL)**
- BLUE  **Wide Flood (WFL)**

### NARROW SPOT : 13°







Distance		Beam Dia.	Footcandles		
			e64 2700K	e65 3000K	e66 4000K
4'		1'	375	384	431
8'		2'	94	96	108
12'		3'	42	43	48
16'		4'	23	24	27
20'		5'	15	15	17

If using No. 11 Honeycomb Baffle, multiply footcandle values by .80.

**NOTE:**







Adjust-e-Lume<sup>®</sup> dial is set to the factory standard: 9

### SPOT : 15°

Distance		Beam Dia.	Footcandles		
			e64 2700K	e65 3000K	e66 4000K
4'		1'	284	291	327
8'		2'	71	73	82
12'		3'	32	32	36
16'		4'	18	18	20
20'		5'	11	12	13







If using No. 11 Honeycomb Baffle, multiply footcandle values by .80.

### MEDIUM FLOOD : 23°

Distance		Beam Dia.	Footcandles		
			e64 2700K	e65 3000K	e66 4000K
4'		2'	108	110	124
8'		3'	27	28	31
12'		5'	12	12	14
16'		7'	7	7	8
20'		8'	4	4	5

If using No. 11 Honeycomb Baffle, multiply footcandle values by .80.

### WIDE FLOOD : 31°

Distance		Beam Dia.	Footcandles		
			e64 2700K	e65 3000K	e66 4000K
4'		2'	71	72	81
8'		4'	18	18	20
12'		7'	8	8	9
16'		9'	4	5	5
20'		11'	3	3	3

If using No. 11 Honeycomb Baffle, multiply footcandle values by .80.

