

**B-K** LIGHTING

the power of



# MINI-MICRO™ RECESSED UPLIGHT

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

CATALOG  
NUMBER: \_\_\_\_\_

SOURCE: \_\_\_\_\_

NOTES: \_\_\_\_\_

## CATALOG NUMBER LOGIC

Example       - **UL** -  - **MM** - **LED** -  - **e70** -  - **SP** -  - **BLP** -  - **12** -  - **11**

Material \_\_\_\_\_

- Blank** - Aluminum
- B** - Brass
- S** - Stainless Steel

Series \_\_\_\_\_

**UL** - Recessed Uplight

Installation \_\_\_\_\_

- F** - Flush mount
- S** - Surface mount

Fixture \_\_\_\_\_

**MM** - Mini-Micro™

Source \_\_\_\_\_

**LED** - 'e' Technology with Integral Driver  
*Designed for use with remote 12VAC BKSSL® transformers.*

LED Type \_\_\_\_\_

**e70** - 3WLED/2.7K

**e72** - 3WLED/4K

**e71** - 3WLED/3K

**e73** - 3WLED/Amber

Optics\* \_\_\_\_\_

**NSP** - Narrow Spot (Red Indicator)

**SP** - Spot (Green Indicator)

**MFL** - Medium Flood (Yellow indicator)

**ASY** - Asymmetrical (Purple Indicator)

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>

### Brass Finish

Machined	<b>MAC</b>
Polished	<b>POL</b>
Mitique™	<b>MIT</b>
<b>Stainless Finish</b>	
Machined	<b>MAC</b>
Polished	<b>POL</b>
Brushed	<b>BRU</b> <small>Interior use only.</small>

### 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	Also available in RAL Finishes <i>See submittal SUB-1439-00</i>

Lens \_\_\_\_\_

**12** - Soft Focus Lens

**13** - Rectilinear Lens

Sheilding \_\_\_\_\_

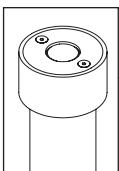
**11** - Honeycomb Baffle

**B-K LIGHTING**

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RELEASED  
05-17-17

DRAWING NUMBER  
SUB000933



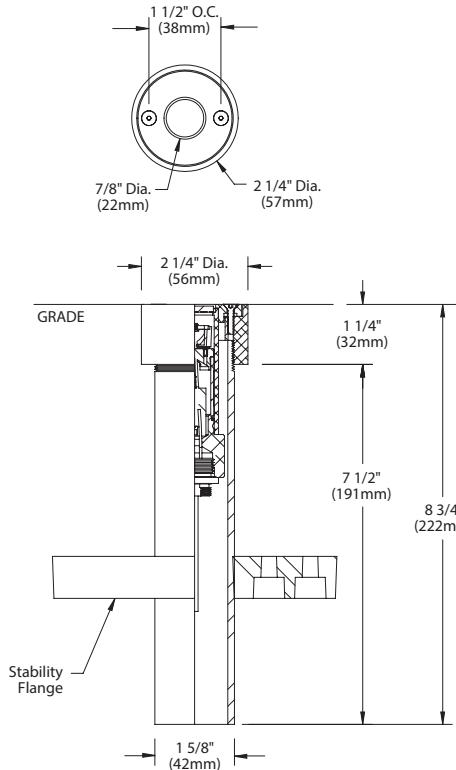
the power of 

# MINI-MICRO™ RECESSED UPLIGHT

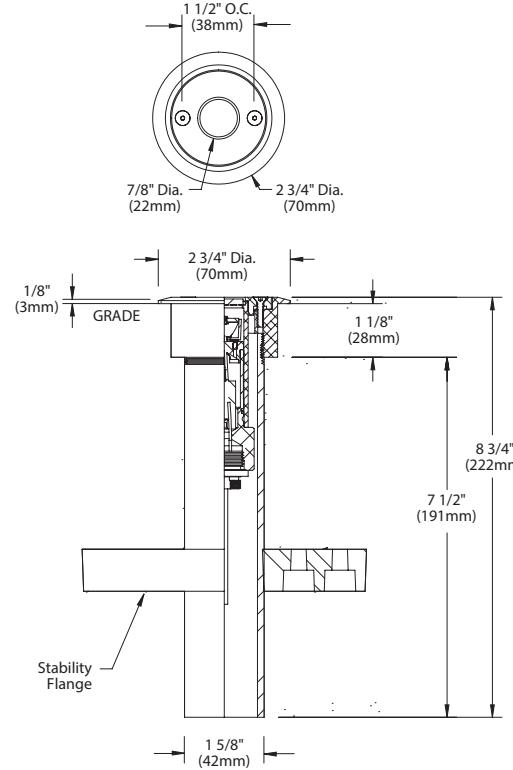
PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

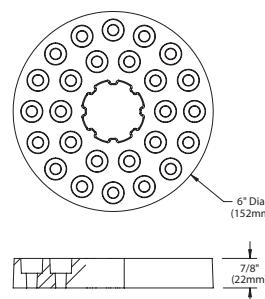
## FLUSH MOUNT



## SURFACE MOUNT



## STABILITY FLANGE



## 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), Brass (Type 360) or Stainless Steel (Type 304).

### Body

Fully machined from solid billet. Unibody design provides enclosed, water-proof wireway and integral heat sink for maximum component life. High temperature, silicone 'O' Ring provides water-tight seal. Provided with hard-coat (Type III) black anodize finish for maximum corrosion resistance. Weather-tight cable connector with 5' 18Ga, 2 wire low voltage cable.

### Housing

Fixture provided with 1-5/8" dia., Schedule 80 PVC housing for direct burial into soil or concrete. 6" dia., molded stability flange projects into substrate to simplify installation and reinforce housing stability. Integral concrete pour collar for flush installation with finished grade. Collar material and finish to match faceplate. (2) Threaded holes for faceplate installation.

### Faceplate

Fully machined from solid billet. Countersunk holes provide for flush hardware mounting. Accommodates [1] lens or louver media.

### Lens

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

### BKSSL®

Integrated solid state system with 'e' technology. High power, forward throw source complies with ANSI C78.377 optical binning requirements. Exceeds ENERGY STAR® lumen maintenance requirements. LM-80 certified components.

Integral non-dimming driver. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

### Optics

OPTIKIT™ modules are color-coded for easy reference: Narrow Spot (NSP) = Red, Spot (SP) = Green. Medium Flood (MFL) = Yellow and Asymmetrical (ASY) = Purple.

### Installation

Flush Mount features integral concrete pour collar. Top edge of collar to be installed flush with finished grade. Collar material and finish to match faceplate. (2) Threaded holes for faceplate installation. Faceplate is suitable for walk-over and drive-over applications to 35,000 lbs. GVW.

Surface Mount features fully machined copper-free aluminum installation collar. Collar material and finish to match faceplate. (2) Threaded holes for faceplate installation.

### 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. Anti-Siphon Valve (ASV™) prevents "wicking" through conductor insulation.

### Hardware

Tamper-resistant, stainless steel hardware. Faceplate 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. Brass components are available in powder coat or handcrafted metal finish. Stainless steel components are available in handcrafted metal finish. (Brushed finish for interior use only).

### 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 use in wet locations. Suitable for walk-over and drive-over applications to 35,000 lbs. GVW. Suitable for ground-mounted recessed. IP66 Rated. Made in USA.



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

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the power of **LAMP & DRIVER DATA****e70, e71, e72, e73**

<b>DRIVER DATA</b>	<b>Input Volts</b>	<b>InRush Current</b>	<b>Operating Current</b>	<b>Operation Ambient Temperature</b>
	12VAC/DC 50/60Hz	<250mA (non-dimmed)	500mA	-22°F-194°F (-30°C - 90°C)

<b>LM79 DATA</b>				<b>L70 DATA</b>	<b>OPTICAL DATA</b>		
<b>BK No.</b>	<b>CCT (Typ.)</b>	<b>CRI (Typ.)</b>	<b>Input Watts (Typ.)</b>	<b>Minimum Rated Life (hrs.) 70% of initial lumens (L<sub>70</sub>)</b>	<b>Angle</b>	<b>CBCP</b>	<b>Delivered Lumens</b>
e70	2700K	80	3	50,000	17°	1347	167
	2700K	80	3	50,000	21°	664	139
	2700K	80	3	50,000	28°	524	149
	2700K	~	3	50,000	17°x31°	613	151
e71	3000K	80	3	50,000	17°	1411	175
	3000K	80	3	50,000	21°	695	146
	3000K	80	3	50,000	28°	548	156
	3000K	~	3	50,000	17°x31°	642	158
e72	4000K	80	3	50,000	17°	1585	197
	4000K	80	3	50,000	21°	781	164
	4000K	80	3	50,000	28°	616	175
	4000K	~	3	50,000	17°x31°	721	178
e73	Amber (590nm)	~	3	50,000	~	~	~

**FOR USE WITH**

<b>DM</b>	Mini-Micro™ Recessed Downlight
<b>MM</b>	Mini-Micro™ Floodlight
<b>OM</b>	Mini-Micro™ Twin Cylinder
<b>PM-MM</b>	Mini-Micro™ Pendant
<b>RM-MM</b>	Mini-Micro™ Ring Mount
<b>SF-MM</b>	Mini-Micro™ Staff Star™
<b>SM-MM</b>	Mini-Micro™ Surface Downlight
<b>SN-MM</b>	Mini-Micro™ Sign Star™
<b>ST-MM</b>	Mini-Micro™ Twin Sign Star™
<b>TF-MM</b>	Mini-Micro™ Twin Staff Star™
<b>UL-MM</b>	Mini-Micro™ Recessed Uplight
<b>WM-MM</b>	Mini-Micro™ Twin Pendant
<b>YM</b>	Mini-Micro™ Cylinder

**OPTICS**

<b>Optic</b>	<b>Angle</b>
NSP - Narrow Spot	17°
SP - Spot	21°
MFL - Medium Flood	28°
ASY - Asymmetrical	17°x31°

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