

the power of

# MINI-MICRO™ iLUME™

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

## CATALOG NUMBER LOGIC

MI
LED

**Example**      **S** - **MI** - **LED** - **e28** - **I** - **POL** - **2** - **A**

**Material** ————

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

**Series** ————

**MI** - Mini-Micro™ iLUME™

**Source** ————

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

**Lamp** ————

**e28** - 1W LED/3K/Side      **e31** - 1WLED/Blue/Side      **e34** - 3W LED/3K/Side  
**e29** - 1W LED/4K/Side      **e32** - 1WLED/Green/Side      **e35** - 3W LED/4K/Side  
**e30** - 1W LED/Red/Side      **e33** - 1W LED/Amber/Side

**Installation** ————

**I** - Invisi™ mount  
**F** - Flush mount  
**S** - Surface mount

**Finish** ————

Aluminum & Brass Finish			Brass	
Powder Coat Color	Satin	Wrinkle	Machined	MAC
Bronze	BZP	BZW	Polished	POL
Black	BLP	BLW	Mitique™	MIT
<b>Stainless Faceplates</b>				
White (Gloss)	WHP	WHW	Machined	MAC
Aluminum	SAP	—	Polished	POL
Verde	—	VER	Brushed	BRU

*Also available in Premium Finishes  
 See submittal SUB-1439-00 for Premium Finishes*

**Optical Openings** ————

**1** - Single  
**2** - 2 at 180°  
**4** - 4 at 90°

**Faceplate Style** ————

**A** - Solid  
**B** - Round Accent

### LM79 DATA

BK No.	CCT(Typ.)	Input Watts (Typ.)	CRI (Typ.)
e28	3000K White	1.1	72
e29	4000K White	1.1	66
e30	Red (625nm)	1.1	~
e31	Blue (460nm)	1.1	~
e32	Green (525nm)	1.1	~
e33	Amber (592nm)	1.1	~
e34	3000K White	2.8	72
e35	4000K White	2.8	66

### L70 DATA

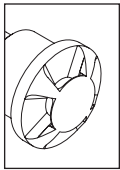
Minimum Rated Life (hrs.) 70% of initial lumens (L70)
35,000
35,000
35,000
35,000
50,000
50,000
50,000
50,000

### \*OPTICAL DATA

Beam Type	Angle
Radial	360°h x 270°v
Radial	360°h x 270°v
Radial	360°h x 270°v
Radial	360°h x 270°v
Radial	360°h x 270°v
Radial	360°h x 270°v
Radial	360°h x 270°v
Radial	360°h x 270°v

<h1>B-K LIGHTING</h1>	40429 Brickyard Drive • Madera, CA 93636 • USA 559.438.5800 • FAX 559.438.5900 www.bklighting.com • info@bklighting.com	SUBMITTAL DATE 2-1-10	DRAWING NUMBER SUB001080
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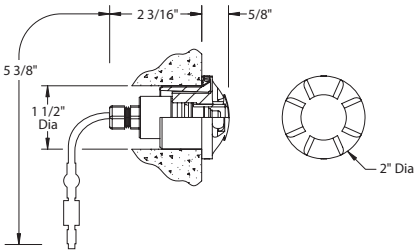


the power of **e**

# MINI-MICRO™ iLUME™

PROJECT:	
TYPE:	

## INVISI™ MOUNT

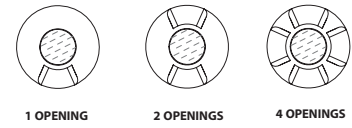


## FACEPLATE DETAIL

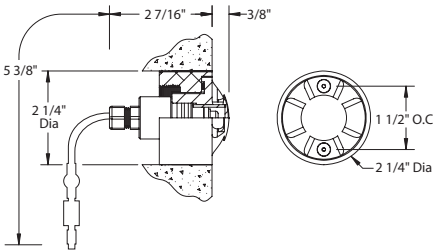
### STYLE 'A'



### STYLE 'B'



## FLUSH MOUNT



## FACEPLATE DETAIL

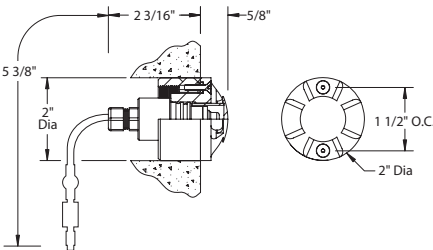
### STYLE 'A'



### STYLE 'B'



## SURFACE MOUNT



## FACEPLATE DETAIL

### STYLE 'A'



### STYLE 'B'



## SPECIFICATIONS

### GreenSource Initiative™

Metal and packaging components are made from recycled materials. Manufactured using renewable solar energy, produced onsite. 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 316).

### 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 5'0", 18Ga., 2 wire low voltage cable.

### Faceplate

Machined from solid, copper-free aluminum, brass or stainless steel. Available with one, two, or four optical openings. Specify solid faceplate (A) or center aperture (B).

InvisiMount™ features concealed stainless steel set screw for maximum visual appeal. Flush and Surface mount feature countersunk holes for flush hardware mounting with [2] tamper-resistant, stainless steel mounting screws.

### Lens

Shock resistant, tempered, translucent glass lens is factory adhered to faceplate and provides hermetically sealed optical compartment.

### BKSSL™

Screw-based, side-emitting, multi-directional, integrated solid state system with 'e' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance.

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

### Installation

Fast cure epoxy provides for direct installation into construction material, eliminating the need for masonry or drywall anchors.

InvisiMount™ features fully machined concealed copper-free aluminum mounting flange for accurate faceplate position and 360° faceplate rotation for precise orientation. Hard-coat (Type III) black anodize finish for maximum corrosion resistance.

Flush Mount features fully machined collar with top edge to be installed flush with finished surface. Collar material and finish to match faceplate. (2) Threaded holes for faceplate installation.

Surface Mount features fully machined copper-free aluminum installation collar. Provided with hard-coat (Type III) black anodize finish for maximum corrosion resistance. (2) Threaded holes for faceplate installation.

### Transformer

For use with 12VAC remote transformer.

### Wiring

Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 standard.

### Hardware

Tamper-resistant, stainless steel hardware. Faceplate screws are additionally black oxide treated for additional corrosion resistance.

### Finish

StarGuard® (Pat. Pend.), a 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. 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 installation in combustible materials (Type Non-IC). Suitable for use in wet locations. Suitable for installation within 4' of the ground. Made in USA.



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

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