

BKSSL
SOLID STATE LIGHTING

the power of

MINI-MICRO™ DRIVESTAR™

PROJECT:

TYPE:

CATALOG
NUMBER:

SOURCE:

NOTES:

CATALOG NUMBER LOGIC

GET A QUOTE >

Example B - MD - LED - e39 - F - MIT - 1 - B

Material

Blank - Aluminum
B - Brass
S - Stainless Steel

Series

MD - Mini-Micro™ DriveStar™

Source

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

LED Type

e39 - 3WLED/2.7K **e41** - 3WLED/4K
e40 - 3WLED/3K **e45** - 3WLED/Amber

Installation

F - Flush mount
S - Surface mount

Finish

Aluminum Finish

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

Brass Finish

Machined	MAC
Polished	POL
Mitique™	MIT

Stainless Finish

Machined	MAC
Polished	POL
Brushed	BRU <i>Interior use only.</i>

Premium Finish

ABP Antique Brass Powder	CMG Cascade Mountain Granite	RMG Rocky Mountain Granite
AMG Aleutian Mountain Granite	CRI Cracked Ice	SDS Sonoran Desert Sandstone
AQW Antique White	CRM Cream	SMG Sierra Mountain Granite
BCM Black Chrome	HUG Hunter Green	TXF Textured Forest
BGE Beige	MDS Mojave Desert Sandstone	WCP Weathered Copper
BPP Brown Patina Powder	NBP Natural Brass Powder	WIR Weathered Iron
CAP Clear Anodized Powder	OCF Old Copper	<i>Also available in RAL Finishes See submittal SUB-1439-00</i>

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	CRI (Typ.)
e39	2700K White	2.8	90
e40	3100K White	2.8	90
e41	4100K White	2.8	75
e45	Amber (592nm)	2.8	~

L70 DATA

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

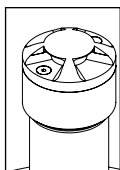
B-K LIGHTING

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RELEASED
07-10-15

DRAWING NUMBER
SUB001068

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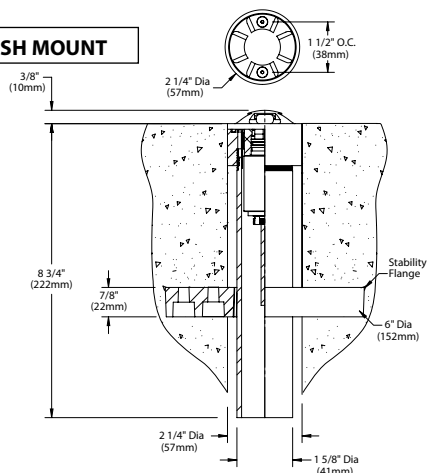
the power of 

MINI-MICRO™ DRIVESTAR™

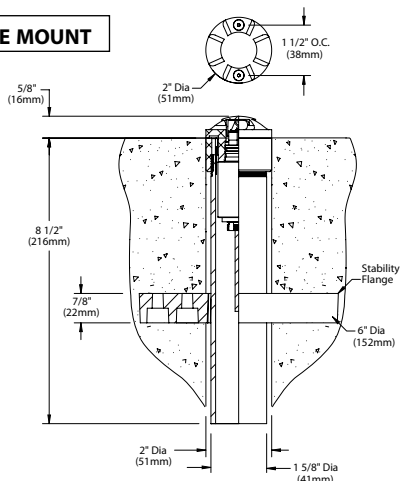
PROJECT:

TYPE:

FLUSH MOUNT

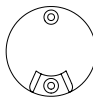


SURFACE MOUNT

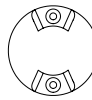


FACEPLATE DETAIL

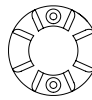
STYLE 'A'



1 OPENING



2 OPENINGS



4 OPENINGS

STYLE 'B'



1 OPENING

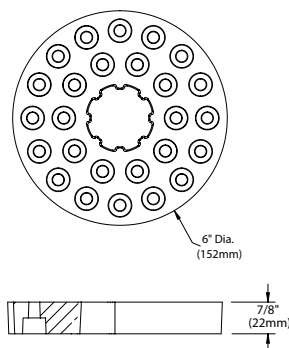


2 OPENINGS



4 OPENINGS

STABILITY FLANGE



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 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 14" 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.

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). Countersunk holes provide for flush hardware mounting.

Lens

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

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. Side emitting optical grade lens delivers high efficiency, radial light distribution.

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.

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 style 'A' is suitable for walk-over and drive-over applications to 35,000 lbs. GVW.

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 BKSSL remote transformer or magnetic transformers only. B-K Lighting cannot guarantee performance with third party manufacturers' transformers.

Wiring

Teflon® coated, 18AWG, 600V, 250° C rated and certified to UL 1659 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. Lighting Facts Registration per USD OE (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 use in wet locations. Suitable for ground-mounted recessed. IP66 Rated. 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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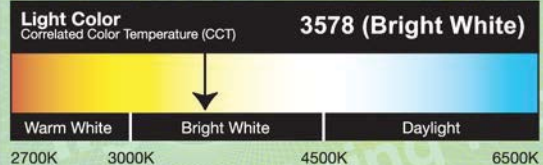
Mini Drivestar™

lighting facts®

A Program of the U.S. DOE

Light Output (Lumens)	43
Watts	3.29
Lumens per Watt (Efficacy)	13

Color Accuracy	82
Color Rendering Index (CRI)	



Warranty**	Yes
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All results, except LED Lumen Maintenance, are according to IESNA LM-79-2008:
Approved Method for the Electrical and Photometric Testing of Solid-State Lighting.
The U.S. Department of Energy (DOE) verifies product test data and results.

** See www.lightingfacts.com/products for details.

Registration Number: GCXV-6GWKLA (7/6/2012)

Model Number: MD-LED-e41

Type: Outdoor path/step/rail light