

**BKSSL**  
SOLID STATE LIGHTING

THE POWER OF



**MAMMOTH™**

PROJECT:

TYPE:

CATALOG  
NUMBER:

SOURCE:

NOTES:

## CATALOG NUMBER LOGIC

Example **MA** - **LED** - **x43** - **FL** - **BLP** - **12** - **11** - **B**

Series **MA** - Mammoth Series™

Source **LED** - 'X' Technology with Chip on Board Construction

LED Type  
**x43** - 31WLED/2.7K  
**x44** - 31WLED/3K  
**x45** - 31WLED/4K  
**x46** - 42WLED/2.7K  
**x47** - 42WLED/3K  
**x48** - 42WLED/4K  
**x49** - 52WLED/2.7K  
**x50** - 52WLED/3K  
**x51** - 52WLED/4K

Optics  
**NSP** - Narrow Spot (18")\*  
**NFL** - Narrow Flood (25")  
**FL** - Flood (40")  
**WFL** - Wide Flood (60")  
\*Only available for x43, x44 and x45.

Finish

### Standard 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	Also available in RAL Finishes See submittal SUB-1439-00

Lens Type  
**12** - Soft Focus Lens

Shielding  
**11** - Honeycomb Baffle

Cap Style  
**B** - 90°  
**C** - Flush  
**E** - 90° less Weep Hole  
(Interior Use Only)

### Configure Driver Housing Separately Driver Housing Required

#### REMOTE DRIVER HOUSINGS:

**PM3DRM** - Universal Power Module 3 Dual Remote  
**DRM** - Dual Remote Wall Mount

## LM79 DATA

BK No.	Lumens (Source)(Tj=85°C)	CCT (Typ.)	CRI (Ra. Typ.)	Color Consistency	Input Watts (Typ.)
x43	3150	2700K	80	±60K	31
x44	3300	3000K	80	±60K	31
x45	3450	4000K	80	±60K	31
x46	4200	2700K	80	±60K	42
x47	4350	3000K	80	±60K	42
x48	4600	4000K	80	±60K	42
x49	5700	2700K	80	±60K	52
x50	5900	3000K	80	±60K	52
x51	6200	4000K	80	±60K	52

## L70 DATA

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

## OPTICAL DATA

Beam Type	Angle	x45 CBCP	x48 CBCP	x51 CBCP
Narrow Spot	18°	20780	N/A	N/A
Narrow Flood	25°	5908	17560	23105
Flood	40°	4174	5539	7311
Wide Flood	60°	2931	3725	4966

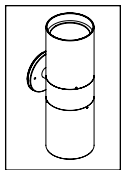
**B-K LIGHTING**

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SUBMITTAL DATE  
02-12-15

DRAWING NUMBER  
SUB-2364-00

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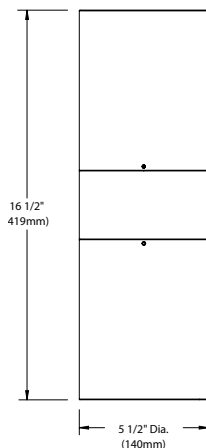
**MAMMOTH™**

PROJECT:

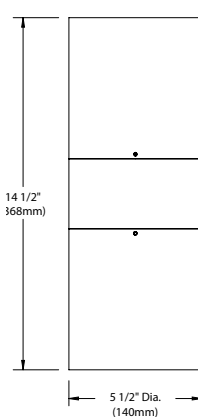
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## FRONT VIEW

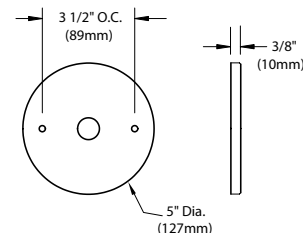
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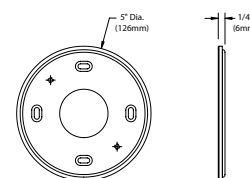
### "C" CAP



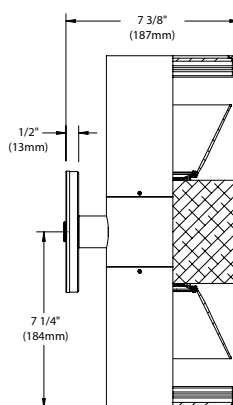
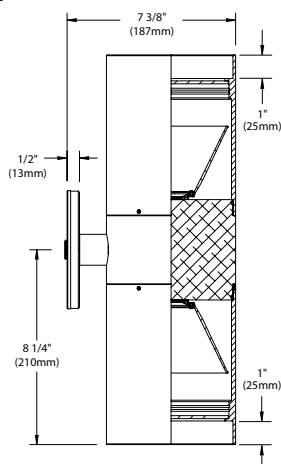
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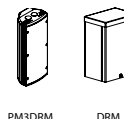
### MOUNTING RING



## SIDE VIEW



### Accessories (Configure separately)



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).

### 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.

### Cap

Fully machined. Accommodates [2] lens or louver media. Choose from 1" deep bezel with 90° cutoff ('B' or 'E') or flush lens ('C') cap styles. 'B' caps include weep-hole for water and debris drainage. 'E' caps exclude weep-hole and are for interior use only.

### Lens

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

### BKSSL®

Integrated solid state system with 'X' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance. Minimum 50,000 hour rated life at 70% of initial lumens (L70). BKSSL technology provides long life, significant energy reduction and exceptional thermal management.

### Color Management

Chip on board technology delivers natural white light. Exact color point conformity exceeds ANSI C78.377 standard. Module exceeds 80 CRI (RA>80, R9.16). Color point uniformity 2 SDCM color control for 2.7K-4K CCT.

### Remote Driver

For use with remote LED Driver. See remote driver submittal(s) to determine remote distance, dimming range, and wiring requirements prior to detailing field installation of any remote wiring.

### Installation

5" dia., machined canopy with machined aluminum mounting ring permits mounting to 4" octagonal junction box (by others).

### Optics

Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

### Wiring

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

### Hardware

Tamper-resistant, stainless steel hardware. 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 1598 and Certified to CAN/CSA Standard C22.2 No. 250. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. IP66 Rated. Made in USA.

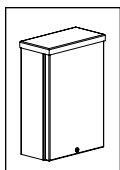


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**BKSL**  
SOLID STATE LIGHTING

Constant Current Driver

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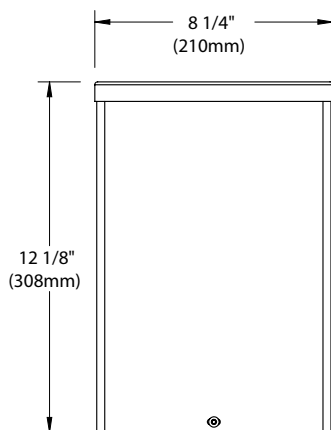


# NEMA 3R Dual Remote Driver Housing

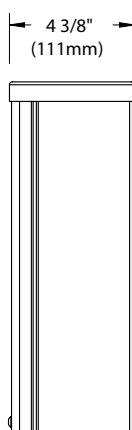
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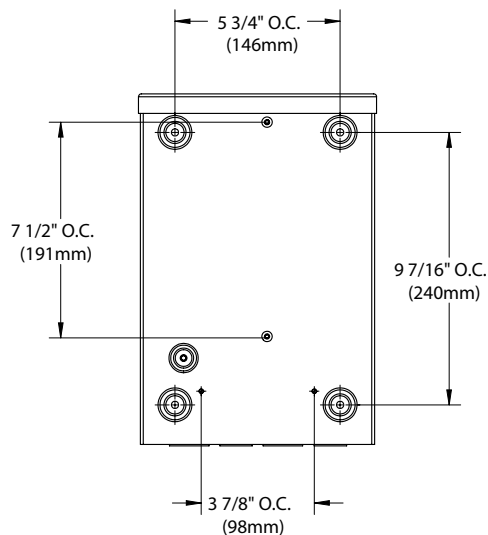
FRONT VIEW



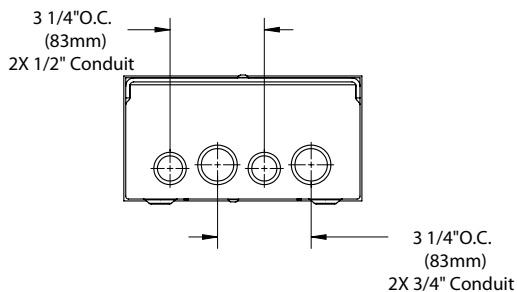
SIDE VIEW



BACK VIEW



END VIEW



## SPECIFICATIONS

### GreenSource Initiative™

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### Installation

Nema 3R, surface mount design. For use with remote fixtures (specified separately).

### Housing

Steel construction with screw cover. Front access for ease of installation and inspection. [2] bottom entry, 3/4" conduit knockouts.

### Wiring / Connectors

Teflon® coated wire, 18 gauge, 600V, 250°C rated and certified to UL1659 standard. Pre-wired and labeled terminal strip.

### Driver (11-29W)

For use with [2] 700mA (D11) or 1.05A (D18, D29), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <15.0A in-rush current, 0.25A input current, ≤20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant. Dimming driver for use with standard incandescent dimmers. 10-100% range.

### Driver (31-52W)

[2] 1.05A (D31, D42) or 1.4A (D52), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.90 Power Factor, <15.0A in-rush current, ≤20%THD (nominal at 120VAC full load). Output over-voltage, over-current, and short circuit protection with auto recovery. EMC: FCC47CFR Part 15 Class B compliant. Dimming driver for use with standard 0-10V dimmers and switch controls. 0.1-100% range (refer to driver electrical data).

### 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.

### Listings

NEMA 3R Enclosure. ETL Listed to ANSI/UL Standard 50/50E and Certified to CAN/CSA Standard C22.2 No. 94.1/94.2. RoHs compliant. Made in USA.



RoHS

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