

**BKSSL**  
SOLID STATE LIGHTING

THE POWER OF



**ALPINE™**

PROJECT:

TYPE:

CATALOG  
NUMBER:

SOURCE:

NOTES:

## CATALOG NUMBER LOGIC

Example **AP - LED - x43 - FL - BLP - 12 - 11 - E**

Series

**AP** - Alpine 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

### Configure Driver Housing Separately Driver Housing Required

#### REMOTE DRIVER HOUSINGS:

**PM3RM** - Universal Power Module 3 Remote

**PM3DRM** - Universal Power Module 3 Dual Remote

**RM** - Remote Wall Mount

**DRM** - Dual Remote Wall Mount

Lens Type

**12** - Soft Focus Lens

Shielding

**11** - Honeycomb Baffle

Cap Style

**B** - 90°

**C** - Flush

**E** - 90° less Weep Hole  
(Interior Use Only)

## 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

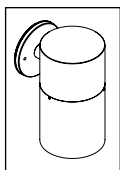
**B-K LIGHTING**

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SUBMITTAL DATE  
02-10-15

DRAWING NUMBER  
SUB-2363-00

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**BKSSL**  
SOLID STATE LIGHTING

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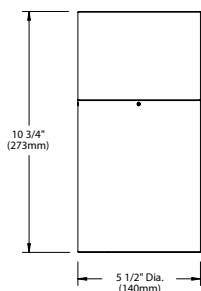
**ALPINE™**

PROJECT:

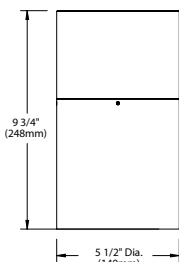
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## FRONT VIEW

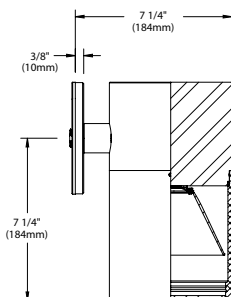
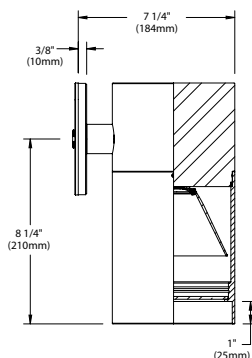
### "B/E" CAP



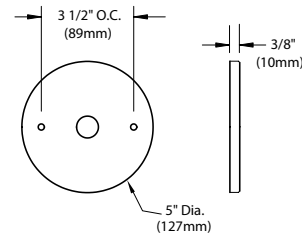
### "C" CAP



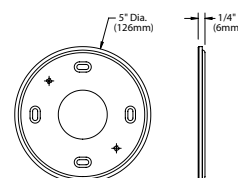
## SIDE VIEW



## CANOPY DETAIL

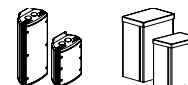


## MOUNTING RING



MOUNTING RING

## Accessories (Configure separately)



PM3DRM & PM3RM

DRM & RM

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.

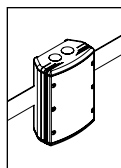


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SUBMITTAL DATE  
02-10-15

DRAWING NUMBER  
SUB-2363-00



Constant Current Driver



# PM3RM TREE STRAP™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
LAMP(S):	
NOTES:	

## CATALOG NUMBER LOGIC

	PM3RM												
Example	PM3RM	-	TS-20	-	D31ARC	-	BZP	-	MT	-	SC	-	MB
Series													
PM3RM - Universal Power Module™ 3 Remote													
Mounting													
TS - Length - Tree Strap™ (Specify Adjustable Strap Length) Minimum 3" Adjustable Strap (Standard)													
Driver Type													
For use with 0-10 Dimmer:													
D31 - 31W Dimming Driver (Standard Dimming 1-100%)													
D42 - 42W Dimming Driver (Standard Dimming 1-100%)													
D52 - 52W Dimming Driver (Standard Dimming 10-100%)													
D31ARC - 31W Dimming Driver (Architectural Dimming 0.1-100%)													
D42ARC - 42W Dimming Driver (Architectural Dimming 0.1-100%)													
Finish													

### Standard Finish

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

### 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	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00	

Input Voltage	
MT - 120-277 VAC Input	
Options	
SC - Safety Cable. For use with Tree Strap™ (TS) mount. Cable length to match strap length.	
MB - Mounting Brackets	

## ⚠ REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D31	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	1-100%
D42	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	1-100%
D52	120/208/240/277	50/60	YES	>0.9	≤20%	-30° C ~ 60° C	0-10V	10-100%
D31ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	0.1-100%
D42ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	0.1-100%

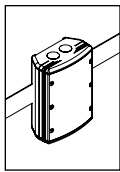
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SUBMITTAL DATE  
11-19-14

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SUB-2187-00

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UNIVERSAL POWER MODULE

BKSSL  
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF

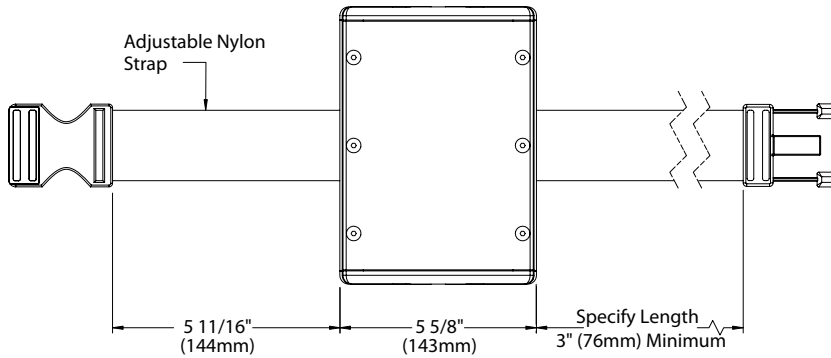


## PM3RM TREE STRAP™

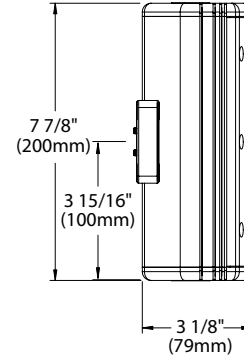
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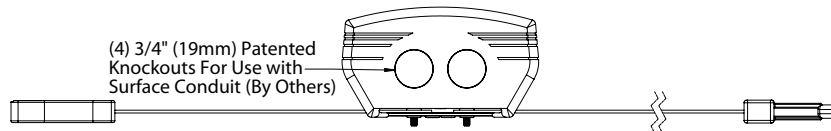
## TOP VIEW



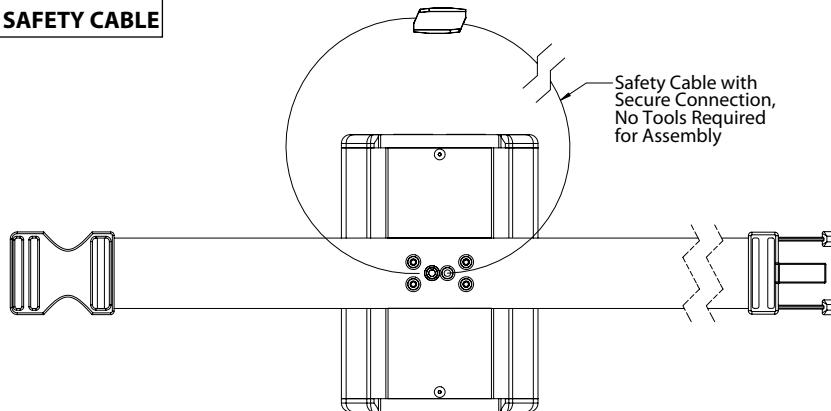
## SIDE VIEW



## END VIEW



## SAFETY CABLE



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## SPECIFICATIONS

## GreenSource Initiative™

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## Tree Installation

Tree Strap™ mounting system facilitates non-invasive installation. Adjustable nylon strap is mold and mildew resistant and will not hinder tree growth. Optional stainless steel safety cable maintains UPM mounting when nylon strap is disengaged.

## Housing

Copper free, 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. Tamper-resistant, captive, black oxide stainless steel mounting screws.

Front access for ease of installation and inspection. [2] 3/4" NPT female conduit entries per end cap for through wiring.

## Installation Tether

Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

## Patented Knockouts

[4] 3/4" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

## Driver (31-52W)

[1] 1.05A (D31, D42) or 1.4A (D52), Class A, constant current driver. 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 4X / IP-66 Rated 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

B-K LIGHTING

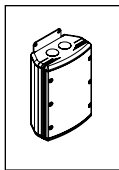
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SUBMITTAL DATE

11-19-14

DRAWING NUMBER

SUB-2187-00



UNIVERSAL POWER MODULE  
**UPM**

**BKSSL**  
SOLID STATE LIGHTING

Constant Current Driver



# PM3RM SURFACE MOUNT

PROJECT:

TYPE:

CATALOG  
NUMBER:

LAMP(S):

NOTES:

## CATALOG NUMBER LOGIC

**Example**

**PM3RM - SM - D52 - BZP - MT**

Series **PM3RM** - Universal Power Module™ 3 Remote

Mounting **SM** - Surface Mount (requires side conduit entry)

Driver Type **D52** - 52W Dimming Driver (Standard Dimming 10-100%)

For use with 0-10 Dimmer:  
**D31** - 31W Dimming Driver (Standard Dimming 1-100%)  
**D42** - 42W Dimming Driver (Standard Dimming 1-100%)  
**D52** - 52W Dimming Driver (Standard Dimming 10-100%)  
**D31ARC** - 31W Dimming Driver (Architectural Dimming 0.1-100%)  
**D42ARC** - 42W Dimming Driver (Architectural Dimming 0.1-100%)

Finish **MT** - 120-277 VAC Input

### 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
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## ⚠ REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

Input Voltage

**MT** - 120-277 VAC Input

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
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D42	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	1-100%
D52	120/208/240/277	50/60	YES	>0.9	≤20%	-30° C ~ 60°C	0-10V	10-100%
D31ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	0.1-100%
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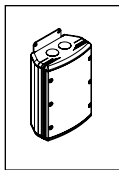
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Constant Current Driver

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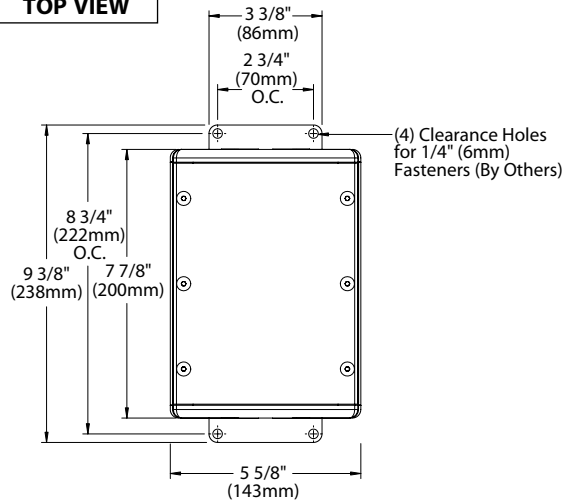


## PM3RM SURFACE MOUNT

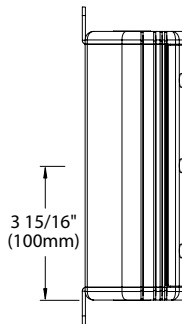
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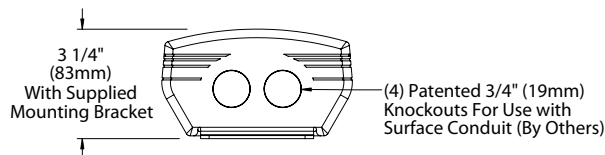
TOP VIEW



SIDE VIEW



END VIEW



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**Surface Mount**

For use with side entry, surface conduits. Stainless steel mounting brackets provide for direct anchor to architectural surfaces in any orientation.

**Housing**

Copper free, 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. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 3/4" NPT female conduit entries per end cap for through wiring.

**Installation Tether**

Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

**Patented Knockouts**

[4] 3/4" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

**Driver (31-52W)**

[1] 1.05A (D31, D42) or 1.4A (D52), Class A, constant current driver. 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.

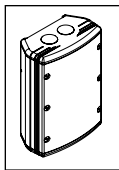
**Warranty**

5 year limited warranty.

**Listings**

NEMA 4X / IP-66 Rated 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.





UNIVERSAL POWER MODULE  
**UPM**

**BKSSL**  
SOLID STATE LIGHTING

Constant Current Driver



# PM3RM JUNCTION BOX (CAMLOCK™)

PROJECT:

TYPE:

CATALOG  
NUMBER:

LAMP(S):

NOTES:

## CATALOG NUMBER LOGIC

**Example**

Series **PM3RM** - Universal Power Module™ 3 Remote

Mounting **CR** - Round CamLock™

Driver Type **D31** - 31W Dimming Driver (Standard Dimming 1-100%)  
**D42** - 42W Dimming Driver (Standard Dimming 1-100%)  
**D52** - 52W Dimming Driver (Standard Dimming 10-100%)  
**D31ARC** - 31W Dimming Driver (Architectural Dimming 0.1-100%)  
**D42ARC** - 42W Dimming Driver (Architectural Dimming 0.1-100%)

Finish **MT** - 120-277 VAC Input

Options **MB** - Mounting Brackets

### 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

## ⚠ REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D31	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	1-100%
D42	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	1-100%
D52	120/208/240/277	50/60	YES	>0.9	≤20%	-30° C ~ 60°C	0-10V	10-100%
D31ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	0.1-100%
D42ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	0.1-100%

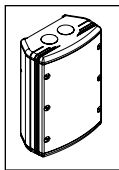
# B-K LIGHTING

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www.bklighting.com • info@bklighting.com

SUBMITTAL DATE  
12-15-14

DRAWING NUMBER  
SUB-2187-00

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UNIVERSAL POWER MODULE  
**UPM**

**BKSSL**  
SOLID STATE LIGHTING

Constant Current Driver

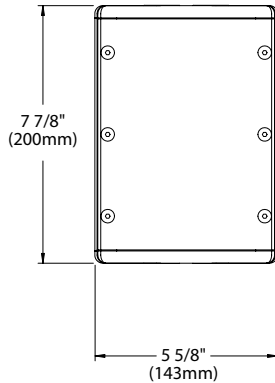


# PM3RM JUNCTION BOX (CAMLOCK™)

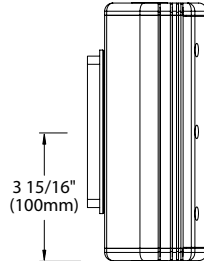
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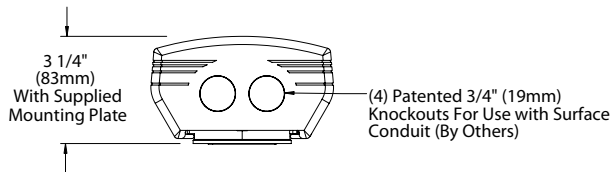
TOP VIEW



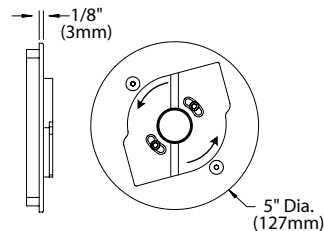
SIDE VIEW



END VIEW



ROUND 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.

### Round CamLock™ Canopy (Recessed Junction Box)

5" diameter, machined aluminum construction. Includes stainless steel universal mounting ring for use with 4" octagonal junction box. [2] tamper-resistant, black oxide stainless steel mounting screws. 1/8" thick HT-805A silicone foam gasket for water-tight seal. Integral CamLock™ provides additional 30° adjustment for precision alignment of UPM regardless of junction box orientation. Integral wiper seal maintains water-tight integrity between UPM and junction box. Optional stainless steel mounting brackets may be specified to provide additional anchor to architectural surface.

### Housing

Copper free, 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. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 3/4" NPT female conduit entries per end cap for through wiring.

### Installation Tether

Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

### Patented Knockouts

[4] 3/4" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

### Driver (31-52W)

[1] 1.05A (D31, D42) or 1.4A (D52), Class A, constant current driver. 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 4X / IP-66 Rated 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

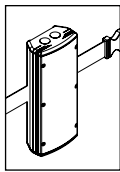
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DRAWING NUMBER  
SUB-2187-00





UNIVERSAL POWER MODULE

BKSSL  
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF



## PM3 DUAL RM TREE STRAP™

PROJECT:

TYPE:

CATALOG  
NUMBER:

LAMP(S):

NOTES:

## CATALOG NUMBER LOGIC

Example	PM3DRM	-	TS-20	-	D42	-	BZP	-	MT	-	SC
Series	PM3DRM - Universal Power Module™ 3 Dual Remote										
Mounting	TS - Length - Tree Strap™ (Specify Adjustable Strap Length) Minimum 3" Adjustable Strap (Standard)										
Driver Type	For use with 0-10 Dimmer: D31 - (2) 31W Dimming Drivers (Standard Dimming 1-100%) D42 - (2) 42W Dimming Drivers (Standard Dimming 1-100%) D52 - (2) 52W Dimming Drivers (Standard Dimming 10-100%) D31ARC - (2) 31W Dimming Drivers (Architectural Dimming 0.1-100%) D42ARC - (2) 42W Dimming Drivers (Architectural Dimming 0.1-100%)										
Finish											

## Standard Finish

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

## 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	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00	

Input Voltage  
MT - 120-277 VAC InputOptions  
SC - Safety Cable. For use with Tree Strap™ (TS) mount. Cable length to match strap length.  
MB - Mounting Brackets

## ⚠ REMOTE WIRING

## LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

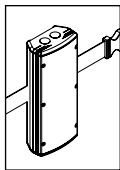
## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D31	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	1-100%
D42	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	1-100%
D52	120/208/240/277	50/60	YES	>0.9	≤20%	-30° C ~ 60° C	0-10V	10-100%
D31ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	0.1-100%
D42ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	0.1-100%

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UNIVERSAL POWER MODULE

BKSSL  
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF

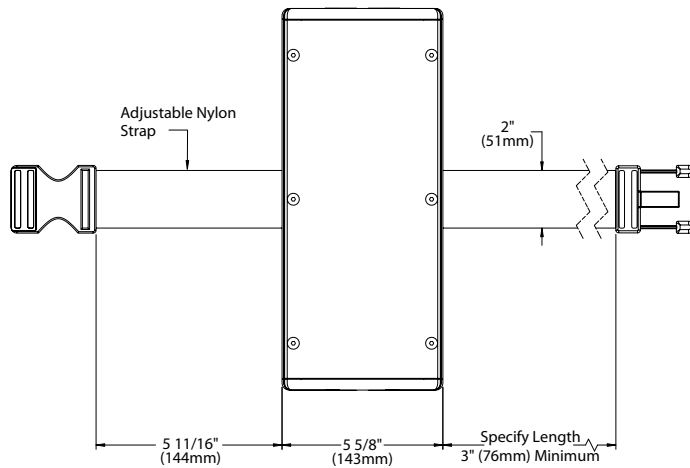


## PM3 DUAL RM TREE STRAP™

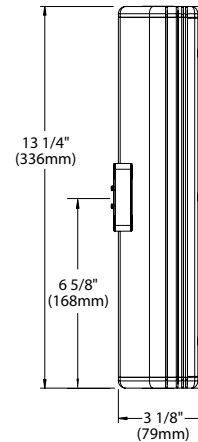
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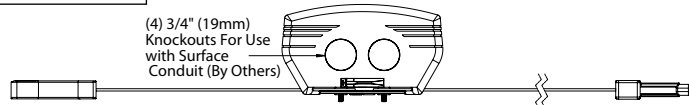
## TOP VIEW



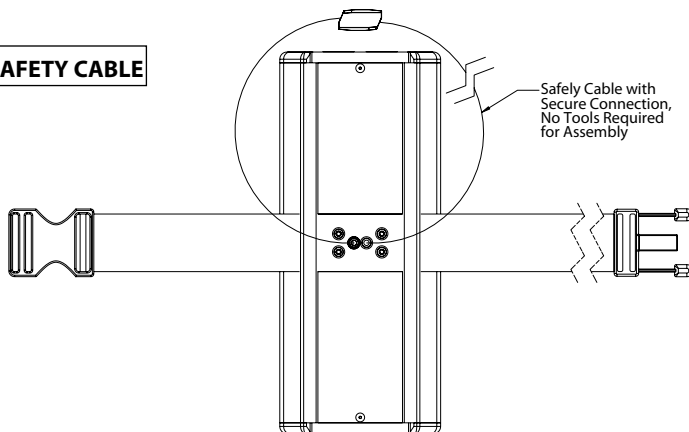
## SIDE VIEW



## END VIEW



## SAFETY CABLE

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.

## Tree Installation

Tree Strap™ mounting system facilitates non-invasive installation. Adjustable nylon strap is mold and mildew resistant and will not hinder tree growth. Optional stainless steel safety cable maintains UPM mounting when nylon strap is disengaged.

## Housing

Copper free, 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. Tamper-resistant, captive, black oxide stainless steel mounting screws.

Front access for ease of installation and inspection. [2] 3/4" NPT female conduit entries per end cap for through wiring.

## Installation Tether

Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

## Patented Knockouts

[4] 3/4" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

## 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 4X / IP-66 Rated 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

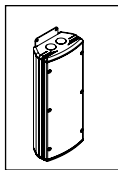
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12-15-14

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SUB-2188-00

UPM's Patented knockouts are covered by U.S. Patent No. 6,940,012 B2



UNIVERSAL POWER MODULE  
**UPM**

**BKSSL**  
SOLID STATE LIGHTING

Constant Current Driver



# PM3 DUAL RM SURFACE MOUNT

PROJECT:

TYPE:

CATALOG  
NUMBER:

LAMP(S):

NOTES:

## CATALOG NUMBER LOGIC

**Example**

**PM3DRM - SM - D42ARC - BZP - MT**

Series **PM3DRM** - Universal Power Module™ 3 Dual Remote

Mounting **SM** - Surface Mount (requires side conduit entry)

Driver Type **D42ARC** - (2) 42W Dimming Drivers (Architectural Dimming 0.1-100%)

For use with 0-10 Dimmer:  
**D31** - (2) 31W Dimming Drivers (Standard Dimming 1-100%)  
**D42** - (2) 42W Dimming Drivers (Standard Dimming 1-100%)  
**D52** - (2) 52W Dimming Drivers (Standard Dimming 10-100%)  
**D31ARC** - (2) 31W Dimming Drivers (Architectural Dimming 0.1-100%)  
**D42ARC** - (2) 42W Dimming Drivers (Architectural Dimming 0.1-100%)

Finish **BZP** - Bronze Powder Coat

### 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

Input Voltage **MT** - 120-277 VAC Input

## ⚠ REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D31	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	1-100%
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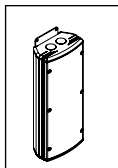
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UNIVERSAL POWER MODULE

BKSSL  
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF

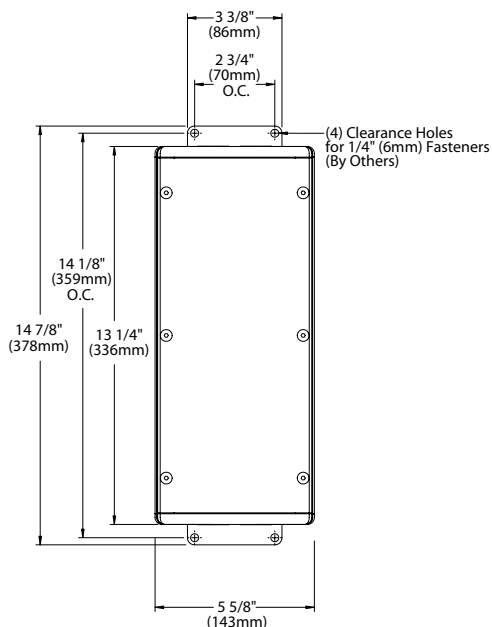


## PM3 DUAL RM SURFACE MOUNT

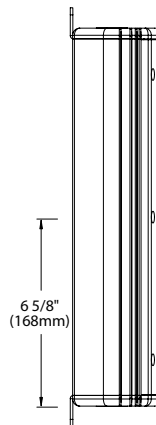
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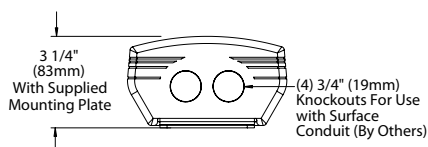
TOP VIEW



SIDE VIEW



END VIEW



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Contact Technical Sales if you require more stringent specifications.

## SPECIFICATIONS

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**Surface Mount**

For use with side entry, surface conduits. Stainless steel mounting brackets provide for direct anchor to architectural surfaces in any orientation.

**Housing**

Copper free, 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. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 3/4" NPT female conduit entries per end cap for through wiring.

**Installation Tether**

Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

**Patented Knockouts**

[4] 3/4" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

**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 4X / IP-66 Rated 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.



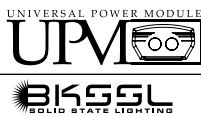
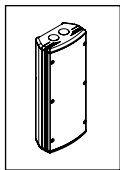
ROHS

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SUBMITTAL DATE  
12-15-14

DRAWING NUMBER  
SUB-2188-00



# PM3 DUAL RM JUNCTION BOX (CAMLOCK™)

PROJECT:	
TYPE:	
CATALOG NUMBER:	
LAMP(S):	
NOTES:	

## CATALOG NUMBER LOGIC

	PM3DRM																																																																	
Example	PM3DRM	-	CR	-	D52	- BZP - MT - MB																																																												
Series	PM3DRM - Universal Power Module™ 3 Dual Remote																																																																	
Mounting	CR - Round CamLock™																																																																	
Driver Type	For use with 0-10 Dimmer: D31 - (2) 31W Dimming Drivers (Standard Dimming 1-100%) D42 - (2) 42W Dimming Drivers (Standard Dimming 1-100%) D52 - (2) 52W Dimming Drivers (Standard Dimming 10-100%) D31ARC - (2) 31W Dimming Drivers (Architectural Dimming 0.1-100%) D42ARC - (2) 42W Dimming Drivers (Architectural Dimming 0.1-100%)																																																																	
Finish	Standard Finish			Premium Finish																																																														
	<table><tr><th>Powder Coat Color</th><th>Satin</th><th>Wrinkle</th></tr><tr><td>Bronze</td><td>BZP</td><td>BZW</td></tr><tr><td>Black</td><td>BLP</td><td>BLW</td></tr><tr><td>White (Gloss)</td><td>WHP</td><td>WHW</td></tr><tr><td>Aluminum</td><td>SAP</td><td>—</td></tr><tr><td>Verde</td><td>—</td><td>VER</td></tr></table>	Powder Coat Color	Satin	Wrinkle	Bronze	BZP	BZW	Black	BLP	BLW	White (Gloss)	WHP	WHW	Aluminum	SAP	—	Verde	—	VER	<table><tr><td>ABP</td><td>Antique Brass Powder</td><td>CMG</td><td>Cascade Mountain Granite</td><td>RMG</td><td>Rocky Mountain Granite</td></tr><tr><td>AMG</td><td>Aleutian Mountain Granite</td><td>CRI</td><td>Cracked Ice</td><td>SDS</td><td>Sonoran Desert Sandstone</td></tr><tr><td>AQW</td><td>Antique White</td><td>CRM</td><td>Cream</td><td>SMG</td><td>Sierra Mountain Granite</td></tr><tr><td>BCM</td><td>Black Chrome</td><td>HUG</td><td>Hunter Green</td><td>TXF</td><td>Textured Forest</td></tr><tr><td>BGE</td><td>Beige</td><td>MDS</td><td>Mojave Desert Sandstone</td><td>WCP</td><td>Weathered Copper</td></tr><tr><td>BPP</td><td>Brown Patina Powder</td><td>NBP</td><td>Natural Brass Powder</td><td>WIR</td><td>Weathered Iron</td></tr><tr><td>CAP</td><td>Clear Anodized Powder</td><td>OCP</td><td>Old Copper</td><td colspan="2">Also available in RAL Finishes See submittal SUB-1439-00</td></tr></table>					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	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00	
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Input Voltage	MT - 120-277 VAC Input																																																																	
Options	MB - Mounting Brackets																																																																	

## ⚠ REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D31	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	1-100%
D42	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	1-100%
D52	120/208/240/277	50/60	YES	>0.9	≤20%	-30° C ~ 60°C	0-10V	10-100%
D31ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	0.1-100%
D42ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50°C	0-10V	0.1-100%

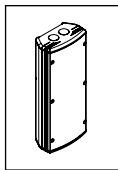
# B-K LIGHTING

40429 Brickyard Drive • Madera, CA 93636 • USA  
559.438.5800 • FAX 559.438.5900  
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE  
12-15-14

DRAWING NUMBER  
SUB-2188-00

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UNIVERSAL POWER MODULE  
**UPM**

**BKSSL**  
SOLID STATE LIGHTING

Constant Current Driver

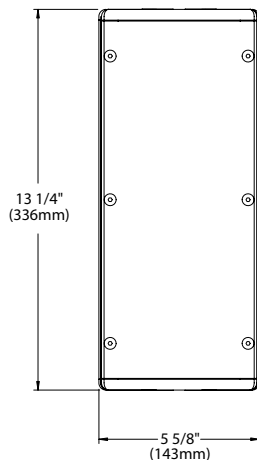


# PM3 DUAL RM JUNCTION BOX (CAMLOCK™)

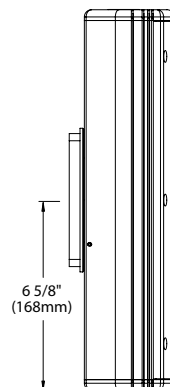
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TYPE:

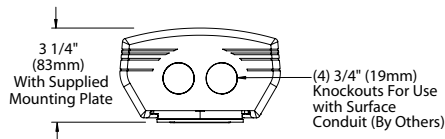
TOP VIEW



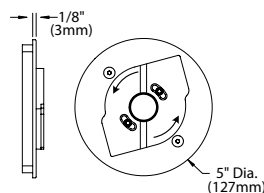
SIDE VIEW



END VIEW



ROUND 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.

### Round CamLock™ Canopy

(Recessed Junction Box)  
5" diameter, machined aluminum construction. Includes stainless steel universal mounting ring for use with 4" octagonal junction box. [2] tamper-resistant, black oxide stainless steel mounting screws. 1/8" thick HT-805A silicone foam gasket for water-tight seal. Integral CamLock™ provides additional 30° adjustment for precision alignment of UPM regardless of junction box orientation. Integral wiper seal maintains water-tight integrity between UPM and junction box. Optional stainless steel mounting brackets may be specified to provide additional anchor to architectural surface.

### Housing

Copper free, 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. Tamper-resistant, captive, black oxide stainless steel mounting screws. Front access for ease of installation and inspection. [2] 3/4" NPT female conduit entries per end cap for through wiring.

### Installation Tether

Stainless steel cable with integral loop allows cover to temporarily suspend from housing during installation to simplify wire connection and component attachment.

### Patented Knockouts

[4] 3/4" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be reinserted without compromising seal integrity.

### 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 4X / IP-66 Rated 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.

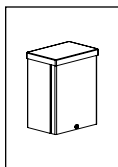


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SUBMITTAL DATE  
12-15-14

DRAWING NUMBER  
SUB-2188-00

**BKSSS**  
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF



# NEMA 3R Remote Driver Housing

PROJECT:

TYPE:

CATALOG  
NUMBER:

LAMP(S):

NOTES:

## CATALOG NUMBER LOGIC

### Example

Remote Driver Housing

RM - NEMA 3R Remote Driver Housing  
*Specify Fixture Separately*

Driver Type

For use with Incandescent Dimmer. 120V only for Dimming:

D11INC - 11W Dimming Driver  
D18INC - 18W Dimming Driver  
D29INC - 29W Dimming Driver

For use with 0-10 Dimmer:

D31 - 31W Dimming Driver (Standard Dimming 1-100%)  
D42 - 42W Dimming Driver (Standard Dimming 1-100%)  
D52 - 52W Dimming Driver (Standard Dimming 10-100%)  
D31ARC - 31W Dimming Driver (Architectural Dimming 0.1-100%)  
D42ARC - 42W Dimming Driver (Architectural Dimming 0.1-100%)

Finish

### Aluminum & Brass Faceplates

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

### 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
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BPP	Brown Patina Powder	NBP	Natural Brass Powder	WIR	Weathered Iron
CAP	Clear Anodized Powder	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00	

Input Voltage

MT - 120-277 VAC Input

## REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

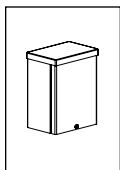
**Failure to comply with specific wiring requirements will void product warranty.**

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D11INC	120-277	50/60	YES	>0.94	≤5%	-30° C ~ 50° C	Incandescent	10-100%
D18INC	120-277	50/60	YES	>0.94	≤5%	-30° C ~ 50° C	Incandescent	10-100%
D29INC	120-277	50/60	YES	>0.94	≤5%	-30° C ~ 50° C	Incandescent	10-100%
D31	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	1-100%
D42	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	1-100%
D52	120/208/240/277	50/60	YES	>0.9	≤20%	-30° C ~ 60° C	0-10V	10-100%
D31ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	0.1-100%
D42ARC	120/208/240/277	50/60	YES	>0.9	≤20%	-20° C ~ 50° C	0-10V	0.1-100%

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www.bklighting.com • info@bklighting.comSUBMITTAL DATE  
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SUB001124

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**BKSSL**  
SOLID STATE LIGHTING

Constant Current Driver

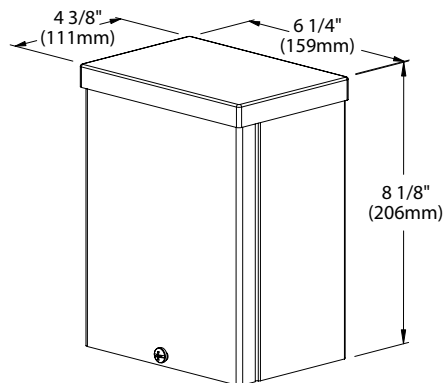


# NEMA 3R Remote Driver Housing

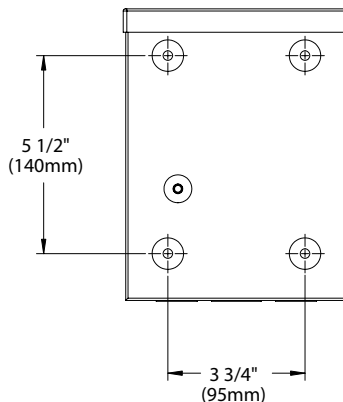
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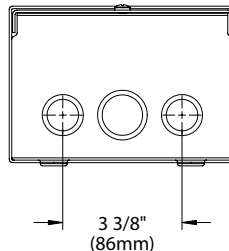
**SIDE VIEW**



**BACK VIEW**



**END VIEW**



## 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.

### Installation

Nema 3R, surface mount design. For use with remote fixture (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 [1] 700mA (D11) or 1.05A (D18, D29), Class A, constant current driver. 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)

[1] 1.05A (D31, D42) or 1.4A (D52), Class A, constant current driver. 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.



®Teflon is a registered trademark of DuPont Corporation.

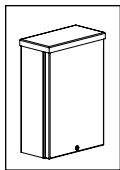
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SUBMITTAL DATE  
12-16-14

DRAWING NUMBER  
SUB001124





Constant Current Driver

THE POWER OF



# NEMA 3R Dual Remote Driver Housing

PROJECT:

TYPE:

CATALOG  
NUMBER:

LAMP(S):

NOTES:

## CATALOG NUMBER LOGIC

DRM

MT

Example

DRM - D18INC - SAP - MT

Remote Driver Housing

DRM - NEMA 3R Remote Dual Driver Housing  
Specify Fixture Separately

Driver Type

For use with Incandescent Dimmer. 120V only for Dimming:

D11INC - (2) 11W Dimming Drivers

D18INC - (2) 18W Dimming Drivers

D29INC - (2) 29W Dimming Drivers

For use with 0-10 Dimmer:

D31 - (2) 31W Dimming Drivers (Standard Dimming 1-100%)

D42 - (2) 42W Dimming Drivers (Standard Dimming 1-100%)

D52 - (2) 52W Dimming Drivers (Standard Dimming 10-100%)

D31ARC - (2) 31W Dimming Drivers (Architectural Dimming 0.1-100%)

D42ARC - (2) 42W Dimming Drivers (Architectural Dimming 0.1-100%)

Finish

Aluminum & Brass Faceplates

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

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	OCP	Old Copper	Also available in RAL Finishes See submittal SUB-1439-00	

Input Voltage

MT - 120-277 VAC Input

## REMOTE WIRING

### LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (by others). Drivers have specific wiring requirements between these components. Driver manufacturers regularly recommend the following wiring details for such installations:

- Do not exceed 50 foot overall wiring distance using 12 gauge copper wire.

**Failure to comply with specific wiring requirements will void product warranty.**

## DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	Frequency Hz	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPER. AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE
D11INC	120-277	50/60	YES	>0.94	≤5%	-30° C ~ 50°C	Incandescent	10-100%
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D29INC	120-277	50/60	YES	>0.94	≤5%	-30° C ~ 50°C	Incandescent	10-100%
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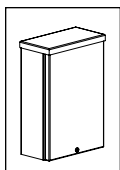
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**B-K LIGHTING**  
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF

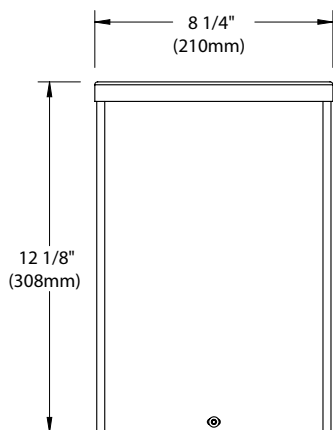


# NEMA 3R Dual Remote Driver Housing

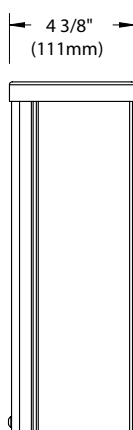
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TYPE:

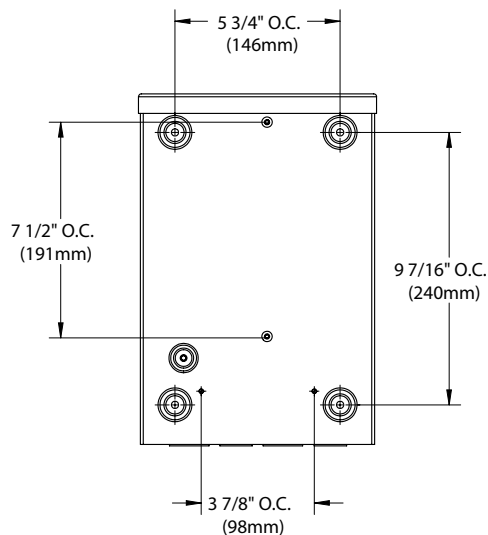
**FRONT VIEW**



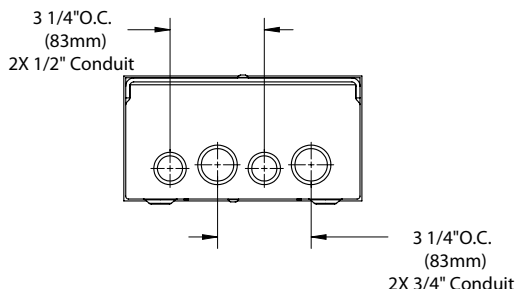
**SIDE VIEW**



**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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**B-K LIGHTING**

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