

BKSL
BOLD KSTATE LIGHTING

12-27W LED

THE POWER OF



DENALI™ RECESSED UPLIGHT

PROJECT:

TYPE:

CATALOG
NUMBER:

SOURCE:

NOTES:

CATALOG NUMBER LOGIC

Example **B** - **UL** - **S** - **DE** - **LED** - **x62** - **FL** - **SAP** - **10** - **11**

Material

Blank - Aluminum
B - Brass
S - Stainless Steel

Series

UL - Recessed Uplight

Installation

F - Flush mount
S - Surface mount

Fixture

DE - Denali Series™

Source

LED - 'X' Module with Cold Phosphor Technology

LED Type

x58 - 12WLED/2.7K **x61** - 20WLED/2.7K **x64** - 27WLED/2.7K
x59 - 12WLED/3K **x62** - 20WLED/3K **x65** - 27WLED/3K
x60 - 12WLED/4K **x63** - 20WLED/4K **x66** - 27WLED/4K

Optics*

SP - Spot (15°) **FL** - Flood (35°) **WFL** - Wide Flood (60°)

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 <small>Interior use only.</small>

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

Lens

9 - Clear (Standard) **10** - Spread Lens* **12** - Soft Focus Lens* **13** - Rectilinear Lens*

Shielding

11 - Honeycomb Baffle*

*Accommodates only 2 Lens/Shielding media

Configure Driver Housing Separately Driver Housing Required

REMOTE DRIVER HOUSINGS:

HP2RM - HP2 Remote Housing
PM2RM - Universal Power Module 2 Remote
PM2DRM - Universal Power Module 2 Dual Remote
RM - Remote Wall Mount
DRM - Dual Remote Wall Mount

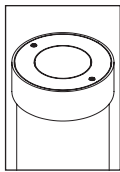
B-K LIGHTING

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11-20-17

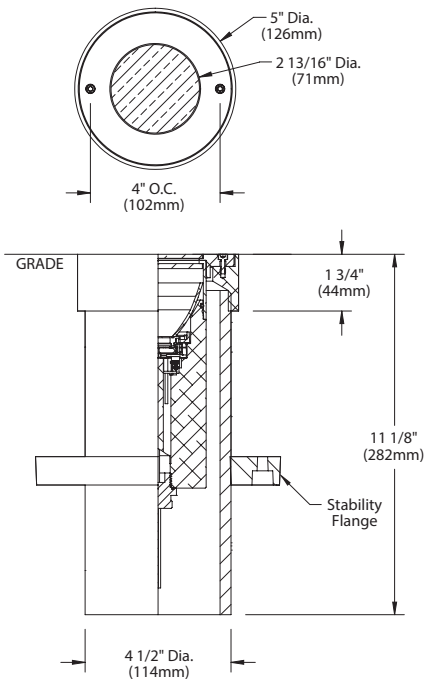
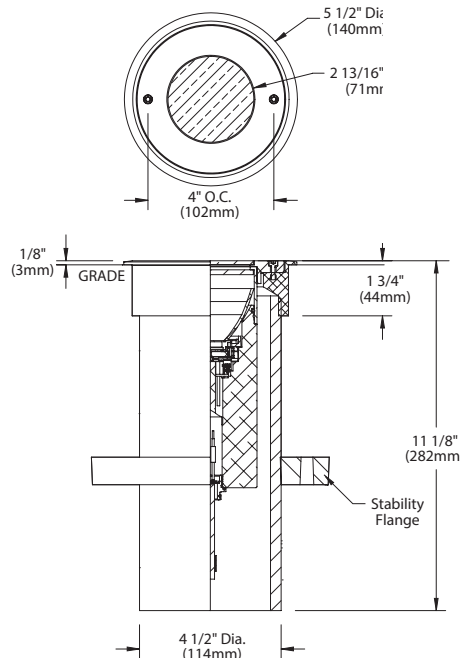
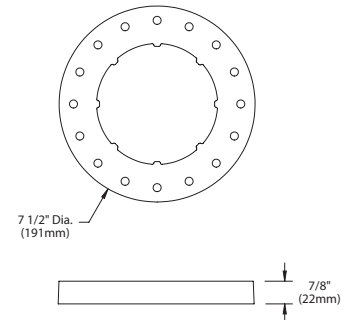
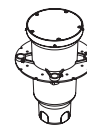
DRAWING NUMBER
SUB-2323-00

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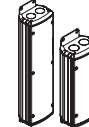
**BKSSL**
SOLID STATE LIGHTING

12-27W LED

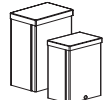
THE POWER OF

**DENALI™ RECESSED UPLIGHT****PROJECT:****TYPE:****FLUSH MOUNT****SURFACE MOUNT****STABILITY FLANGE****Accessories** (Configure separately)**Drivers:**

HP2RM



PM2DRM & PM2RM



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 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. Provided with hard-coat (Type III) black anodize finish for maximum corrosion resistance. Weather-tight cable connector with 5' 12Ga., 2 wire low voltage cable. High temperature, silicone 'O' Ring provides water-tight seal.

Housing

Fixture provided with 4-1/2" dia., Schedule 80 PVC housing for direct burial into soil or concrete. 7.5" dia., molded stability flange projects into substrate to simplify installation and reinforce housing stability.

Faceplate

Fully machined from solid billet. Countersunk holes provide for flush hardware mounting. Accommodates [2] lens or louver media.

Lens

Shock resistant, tempered, glass lens is factory adhered to fixture cap and provides hermetically sealed optical compartment. Specify (#10) spread lens, soft focus (#12) or rectilinear (#13) lens.

BKSSL®

Integrated solid state system with 'X' technology is scalable for field upgrade. Modular design with electrical quick disconnects permit field maintenance.

LM-80 certified. 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

Corrected cold phosphor technology delivers near-perfect natural white light. Long term phosphor maintenance over product life. Exact color point conformity exceeds ANSI C78.377 standard. Provides uniform beam with no color variation over angle. Module exceeds 80 CRI (RA>80, R9>16).

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 Driver

For use with remote LED driver. See remote driver submittal to determine remote distance and wiring requirements prior to detailing field installation of any remote wiring.

Optics

Interchangeable OPTIKIT™ modules permit field changes to optical distribution.

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

UL tested to IESNA LM-79. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Suitable for installation within 4' of the ground. IP66 Rated. Made in USA.



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

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11-20-17

DRAWING NUMBER
SUB-2323-00

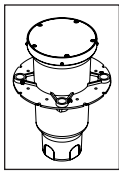


x58, x59, x60, x61, x62, x63, x64, x65, x66

FOR USE WITH

OPTICS

Optic	Angle
Spot	15°
Flood	35°
Wide Flood	60°



Precision²
IP-100 Remote In-Grade Lighting

BKSSL[®]
SOLID STATE LIGHTING

THE POWER OF



HP²RM DRIVER HOUSING

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

HP2RM **MT**

Example

B - **HP2RM** - **D12INC** - **BZW** - **MT** - **GM-R**

Material

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

Remote Driver Housing

HP2RM - Remote In-Grade (Flush) Driver Housing

Driver Type *(Driver Wattage must match Fixture Wattage)*

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

- D12INC** - 12W Dimming Driver *(for use with Incandescent Dimmer. 120V only)*
D20INC - 20W Dimming Driver *(for use with Incandescent Dimmer. 120V only)*
D27INC - 27W Dimming Driver *(for use with Incandescent Dimmer. 120V only)*

Finish

Aluminum & Brass Faceplates

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

Brass Faceplates

Machined	MAC
Polished	POL
Mitique™	MIT

Stainless Faceplates

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

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

Input Voltage

MT - 120-277 VAC Input

Option

- GM-R** - Round Grout Mask
GM-S - Square Grout Mask

⚠ 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	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	≥0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	≥0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	≥0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<15A

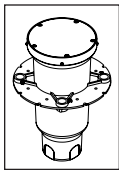
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Precision²
IP-68 Rated Fixtures Lighting

BKSSL[®]
SOLID STATE LIGHTING

THE POWER OF

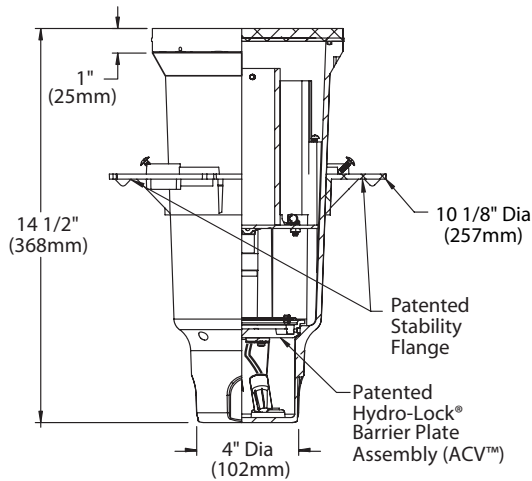


HP²RM DRIVER HOUSING

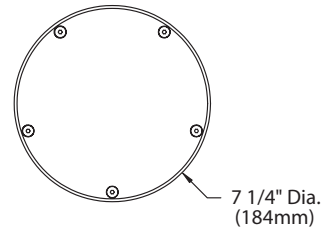
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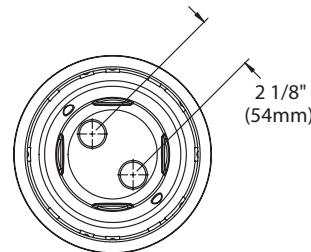
SIDE VIEW



TOP VIEW



BOTTOM VIEW



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SPECIFICATIONS

GreenSource Initiative™

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Materials

Furnished in Copper-Free Aluminum (Type 6061-T6), Brass (Type 360) or Stainless Steel (Type 304).

Faceplate

Solid, 1/2" machined faceplate with (5) black oxidized, captive, stainless steel mounting screws. Faceplate installs flush to grade.

Housing

Corrosion-free composite, made from high strength, thermo-formed, sheet molded polyester compound. Glass reinforced, flame retardant and UV stabilized. (2) Bottom-Entry, 3/4" NPT female conduit entries with knockout plugs and (4) side flats for 1/2" or 3/4" conduit adapters.

Stability Flange

Patented, corrosion-free composite flange projects into installation sub-strate to reinforce housing stability. Integral REBAR saddles simplify installation onto concrete form. (4) Orthogonal bosses permit use of 1/2" PVC conduit or EMT to simplify vertical position and leveling of housing. Pre-set self-tapping screws anchor housing at proper elevation.

Installation

Integral, copper-free aluminum concrete pour collar (CPC), furnished in Black finish, permits for direct burial installation in soil or concrete. Consult Drainage Installation Guide for In-Grade Fixtures (DIG-IT) for compliance with proper soil preparation and drainage requirements prior to installation. For use with remote fixture (specified separately). Suitable for walk-over and drive-over applications to 35,000 lbs.

Water Management

IP-68 rated, vacuum sealed enclosure. Patented Anti-Condensation Valve (ACV™) eliminates condensation from ballast chamber. High temperature silicone 'O' Ring at faceplate. Patented HydroLock[®] technology provides fail safe water barrier between junction box and interior components. Anti-siphon valve (ASV™) prevents "wicking" through conductor insulation.

Driver (12-27W)

For use with [1] 700mA (D12, D20, D27), 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 Wattage must match Fixture Wattage.

Wiring / Connectors

Teflon[®] coated wire, 18 gauge, 600V, 250°C rated and certified to UL1659 standard. Gear tray quick disconnects. Patented HydroLock[®] with anti-siphon valve (ASV™) wireway. (5) Water-tight connectors supplied for branch circuit and lamp connection. Maximum (2) #10 & (1) #18. Minimum (1) #12 & (1) #18 per connector.

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.

Listings

IP-68 Rated Enclosure. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.



*Teflon is a registered trademark of DuPont Corporation.

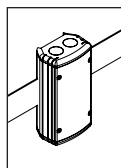
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DRAWING NUMBER
SUB-2610-00

Precision² and its features are covered in whole or in part by U.S. Patent Nos. 7,033,038; 6,254,258 B1; 7,249,867 B2; 7,370,988 B2; 7,553,042; 7,560,148; and 7,699,489



UNIVERSAL POWER MODULE
UPM

BKSSL
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF



PM2RM TREE STRAP™

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

PM2RM

TS-20

D12INC

BZP

MT

SC-MB

Example

PM2RM - TS-20 - D12INC - BZP - MT - SC-MB

Series

PM2RM - Universal Power Module™ 2 Remote

Mounting

TS - Length - Tree Strap (Specify Adjustable Strap Length)
Minimum 3" Adjustable Strap (Standard)

Driver Type (Driver Wattage must match Fixture Wattage)

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

D12INC - 12W Dimming Driver

D20INC - 20W Dimming Driver

D27INC - 27W Dimming Driver

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	



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

Options

SC - Safety Cable. For use with Tree Strap™ (TS) mount. Cable length to match strap length.

MB - Mounting Brackets

DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

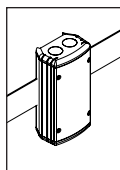
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UNIVERSAL POWER MODULE
UPM
BKSSL
SOLID STATE LIGHTING

Constant Current Driver

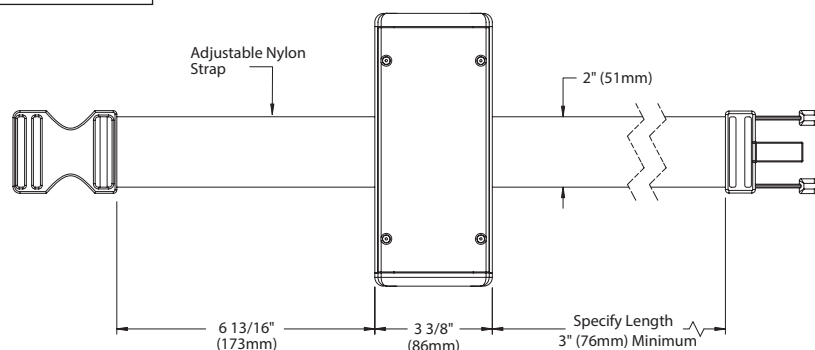


PM2RM TREE STRAP™

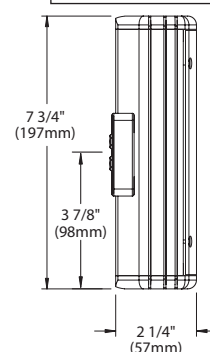
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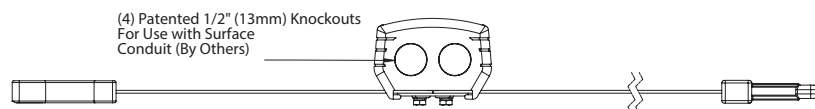
FRONT VIEW



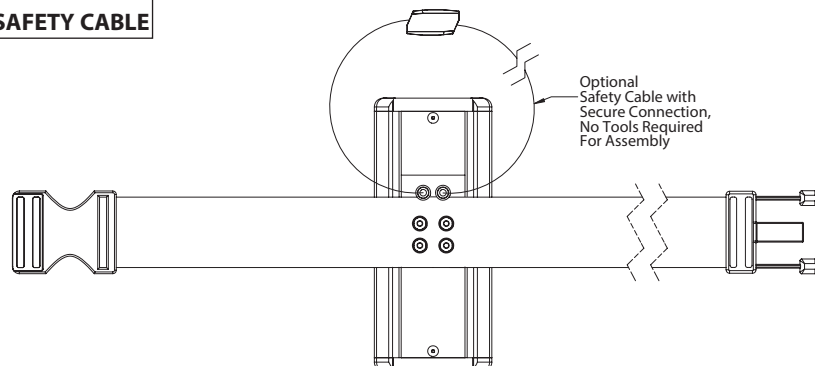
SIDE VIEW



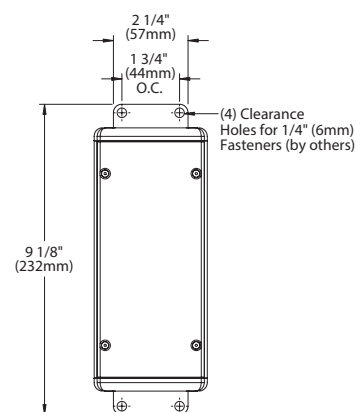
END VIEW



SAFETY CABLE



OPTIONAL MOUNTING BRACKET



SPECIFICATIONS

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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] 1/2" 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] 1/2" 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 (12-27W)

For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A in-rush current, 0.25A input current, ≤5%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. Driver wattage must match Fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.

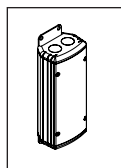


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11-20-2017

DRAWING NUMBER
SUB-2598-00



UNIVERSAL POWER MODULE
UPM

BKSSL
SOLID STATE LIGHTING

Constant Current Driver



PM2RM SURFACE MOUNT

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

CATALOG NUMBER LOGIC

Example

Series PM2RM - Universal Power Module™ 2 Remote

Mounting SM - Surface Mount (requires side conduit entry)

Driver Type (Driver Wattage must match Fixture Wattage) D12INC - 12W Dimming Driver
D20INC - 20W Dimming Driver
D27INC - 27W Dimming Driver

Finish ABP - Antique Brass Powder

PM2RM **SM** **D12INC** **BZP** **MT**

⚠ 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.

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

DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

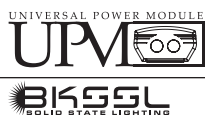
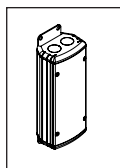
B-K LIGHTING

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11-20-2017

DRAWING NUMBER
SUB-2600-00

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Constant Current Driver

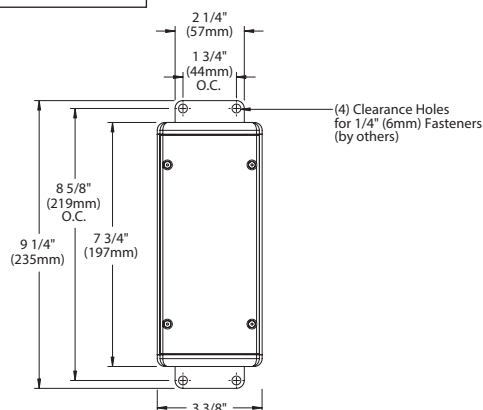


PM2RM SURFACE MOUNT

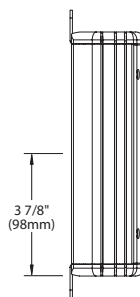
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TYPE:

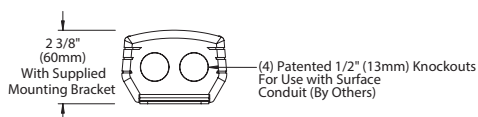
TOP VIEW



SIDE 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 for program requirements.

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] 1/2" 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] 1/2" 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 (12-27W)

For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A in-rush current, 0.25A input current, ≤5%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. Driver wattage must match Fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

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. UL Listed . Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.

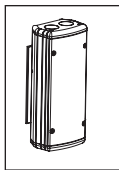


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RELEASED
11-20-2017

DRAWING NUMBER
SUB-2600-00



UNIVERSAL POWER MODULE
UPM

BKSSL
SOLID STATE LIGHTING

Constant Current Driver



PM2RM JUNCTION BOX (CAMLOCK™)

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

Example **PM2RM** - **CT** - **D27INC** - **BZP** - **MT** - **MB**

Series

PM2RM - Universal Power Module™ 2 Remote

Mounting

CT - Rectangular CamLock™

CR - Round CamLock™

Driver Type (Driver Wattage must match Fixture Wattage)

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

D12INC - 12W Dimming Driver

D20INC - 20W Dimming Driver

D27INC - 27W Dimming Driver

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

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	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

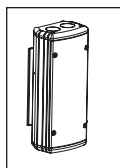
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11-20-2017

DRAWING NUMBER
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UNIVERSAL POWER MODULE
UPM
BKSSL
SOLID STATE LIGHTING



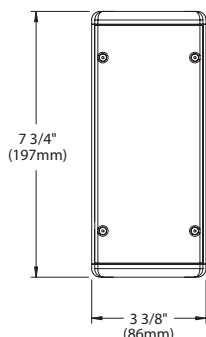
Constant Current Driver

PM2RM JUNCTION BOX (CAMLOCK™)

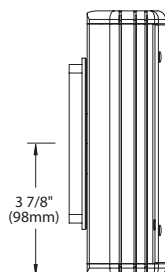
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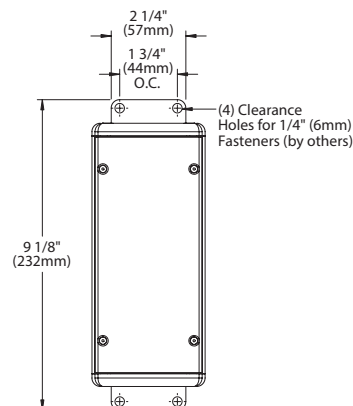
FRONT VIEW



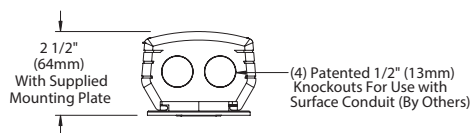
SIDE VIEW



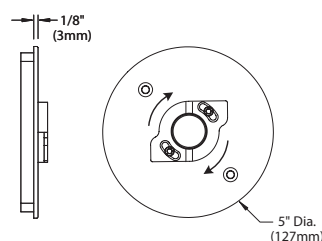
OPTIONAL MOUNTING BRACKET



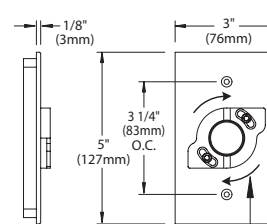
END VIEW



ROUND CAMLOCK™ CANOPY



RECTANGULAR CAMLOCK™ CANOPY



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.

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.

Rectangular CamLock™ Canopy (Recessed Junction Box)

Machined aluminum, 3" x 5" rectangular canopy for use with single gang 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] 1/2" 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] 1/2" 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 (12-27W)

For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A in-rush current, 0.25A input current, ≤5%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. Driver wattage must match Fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.

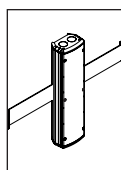


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RELEASED
11-20-2017

DRAWING NUMBER
SUB-2602-00



UNIVERSAL POWER MODULE

BKSSL
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF



PM2 DUAL RM TREE STRAP™

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

PM2DRM

TS-20

D12INC

BZP

MT

SC

Example

Series

PM2DRM - Universal Power Module™ 2 Dual Remote

Mounting

TS - Length - Tree Strap (Specify Adjustable Strap Length)
Minimum 3" Adjustable Strap (Standard)

Driver Type (Driver Wattage must match Fixture Wattage)

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

D12INC - (2) 12W Dimming Driver

D20INC - (2) 20W Dimming Driver

D27INC - (2) 27W Dimming Driver

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	



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

Options

SC - Safety Cable. For use with Tree Strap™ (TS) mount. Cable length to match strap length.

MB - Mounting Brackets

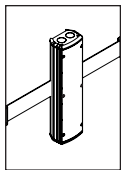
DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

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SUB-2604-00

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UNIVERSAL POWER MODULE
UPM

BKSSL
SOLID STATE LIGHTING

Constant Current Driver

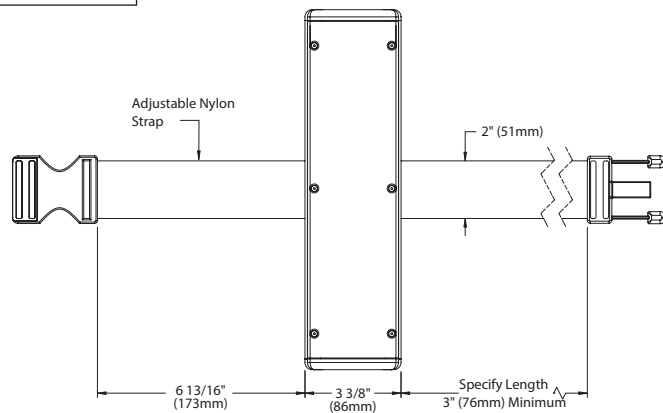


PM2 DUAL RM TREE STRAP™

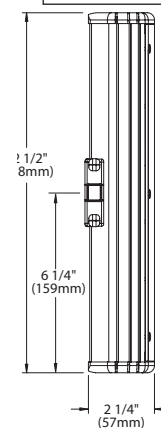
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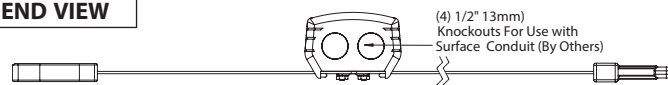
FRONT VIEW



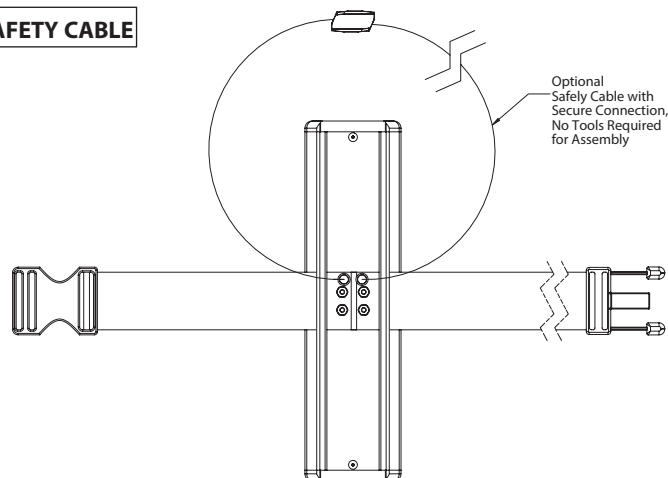
SIDE VIEW



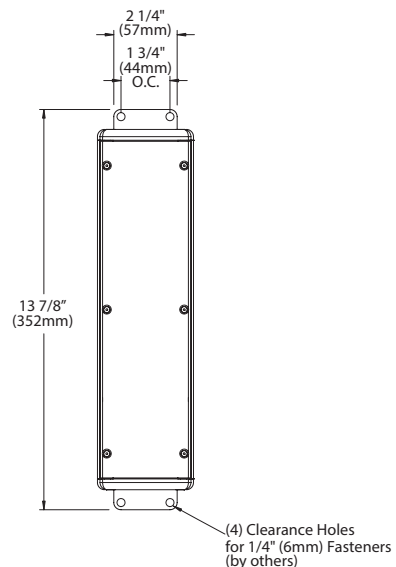
END VIEW



SAFETY CABLE



OPTIONAL MOUNTING BRACKET



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] 1/2" 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] 1/2" 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 (12-27W)

For use with [2] 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A in-rush current, 0.25A input current, ≤5%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. Driver wattage must match fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.

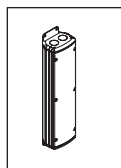


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RELEASED
11-20-2017

DRAWING NUMBER
SUB-2604-00

UNIVERSAL POWER MODULE
UPM**BKSSL**
SOLID STATE LIGHTING

Constant Current Driver



PM2 DUAL RM SURFACE MOUNT

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

PM2DRM **SM** **MT**

Example

PMD2RM - SM - D27INC - BZP - MT

Series

PM2DRM - Universal Power Module™ 2 Dual Remote

Mounting

SM - Surface Mount (requires side conduit entry)

Driver Type

(Driver Wattage must match Fixture Wattage)

For use with Incandescent Dimmer. 120V only for Dimming:**D12INC** - (2) 12W Dimming Driver**D20INC** - (2) 20W Dimming Driver**D27INC** - (2) 27W Dimming Driver

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



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

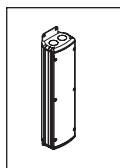
MT - 120-277 VAC Input

DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
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D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

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UNIVERSAL POWER MODULE
UPM
BKSSL
SOLID STATE LIGHTING

Constant Current Driver

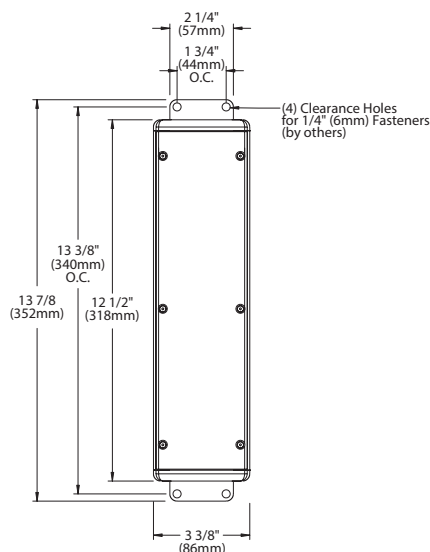


PM2 DUAL RM SURFACE MOUNT

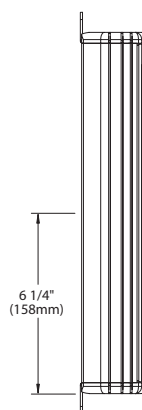
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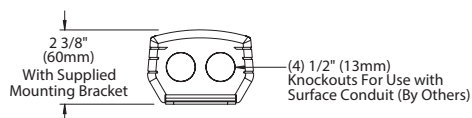
TOP VIEW



SIDE 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 for program requirements.

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] 1/2" 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] 1/2" 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 (12-27W)

For use with [2] 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A in-rush current, 0.25A input current, ≤5%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. Driver wattage must match Fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.

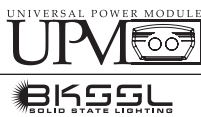
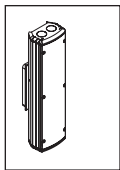


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11-20-2017

DRAWING NUMBER
SUB-2606-00



PM2 DUAL RM JUNCTION BOX (CAMLOCK™)

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

Example **PM2DRM** - **CT** - **D12INC** - **BZP** - **MT** - **MB**

Series **PM2RM** - Universal Power Module™ 2 Remote

Mounting **CT** - Rectangular CamLock™
CR - Round CamLock™

Driver Type (Driver Wattage must match Fixture Wattage)
For use with Incandescent Dimmer. 120V only for Dimming:
D12INC - (2) 12W Dimming Driver
D20INC - (2) 20W Dimming Driver
D27INC - (2) 27W Dimming Driver

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

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	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

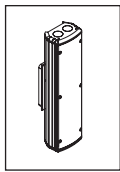
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11-20-2017

DRAWING NUMBER
SUB-2608-00

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UNIVERSAL POWER MODULE

BKSSL
SOLID STATE LIGHTING

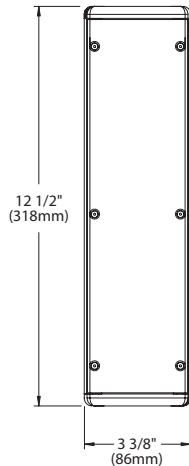
Constant Current Driver

PM2 DUAL RM JUNCTION BOX (CAMLOCK™)

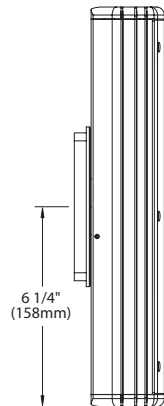
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TYPE:

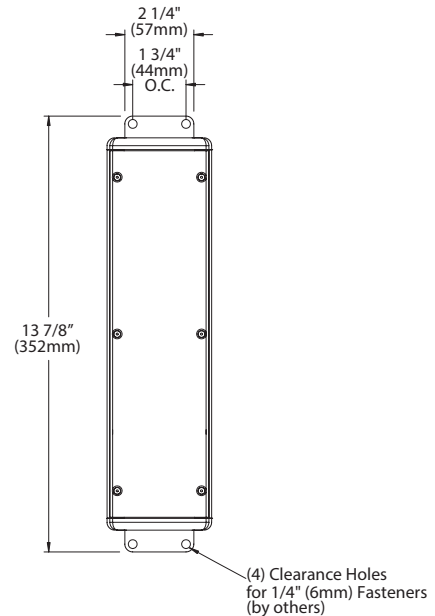
TOP VIEW



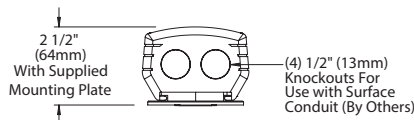
SIDE VIEW



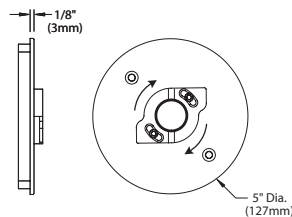
OPTIONAL MOUNTING BRACKET



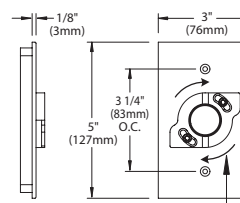
END VIEW



ROUND CAMLOCK™ CANOPY



RECTANGULAR CAMLOCK™ CANOPY



SPECIFICATIONS

GreenSource Initiative™

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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.

Rectangular CamLock™ Canopy (Recessed Junction Box)

Machined aluminum, 3" x 5" rectangular canopy for use with single gang 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] 1/2" 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] 1/2" 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 (12-27W)

For use with [2] 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A in-rush current, 0.25A input current, ≤5%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. Driver wattage must match Fixture wattage.

Dimming driver for use with standard incandescent dimmers. 10-100% range.

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.

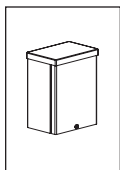
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RELEASED
11-20-2017

DRAWING NUMBER
SUB-2608-00

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

**BKSSL**
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF



NEMA 3R Remote Driver Housing

PROJECT:

TYPE:

CATALOG
NUMBER:

LAMP(S):

NOTES:

CATALOG NUMBER LOGIC

RM

MT

Example

Remote Driver Housing

RM - NEMA 3R Remote Driver Housing
(Specify Fixture Separately)

Driver Type

For use with Incandescent Dimmer. 120V only for Dimming:**D12INC** - 12W Dimming Driver
D20INC - 20W Dimming Driver
D27INC - 27W Dimming Driver

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

⚠ 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.

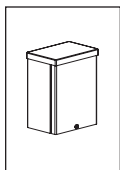
Failure to comply with specific wiring requirements will void product warranty.

DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

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SUB-2590-00

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BKSSL
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF

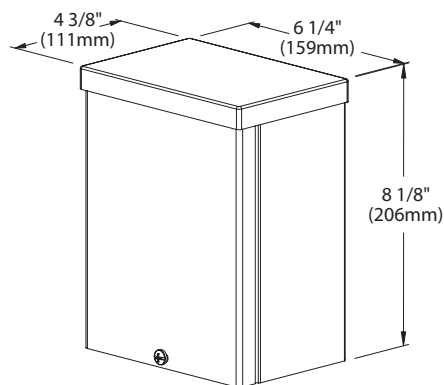


NEMA 3R Remote Driver Housing

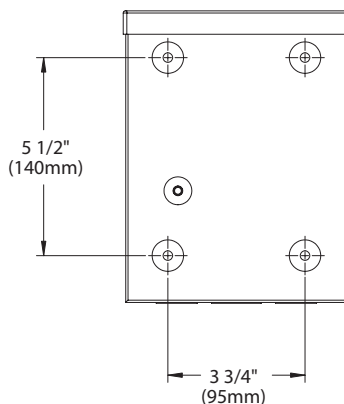
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TYPE:

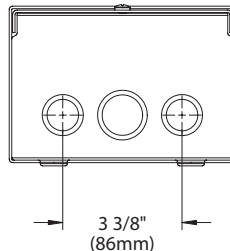
SIDE VIEW



BACK VIEW



END VIEW



SPECIFICATIONS

GreenSource Initiative™

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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 (12-27W)

For use with 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A 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.

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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.



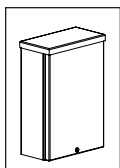
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RELEASED
06-30-2017

DRAWING NUMBER
SUB-2590-00

**BKSSL**
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF



NEMA 3R Dual Remote Driver Housing

PROJECT: _____

TYPE: _____

CATALOG
NUMBER: _____

LAMP(S): _____

NOTES: _____

CATALOG NUMBER LOGIC

DRM

D12INC

SAP

MT

Example

Remote Driver Housing

DRM - NEMA 3R Remote Driver Housing
(Specify Fixture Separately)

Driver Type

For use with Incandescent Dimmer. 120V only for Dimming:**D12INC** - (2) 12W Dimming Driver**D20INC** - (2) 20W Dimming Driver**D27INC** - (2) 27W Dimming Driver

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	OC 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.

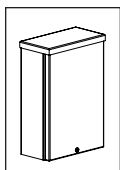
Failure to comply with specific wiring requirements will void product warranty.

DRIVER ELECTRICAL DATA

TYPE	AC INPUT RANGE	FREQUENCY HZ	DIMMING	POWER FACTOR AT FULL LOAD	THD	OPERATING AMBIENT TEMPERATURE	DIMMER TYPE	DIMMER RANGE	IN RUSH CURRENT
D12INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D20INC	105-305	50/60	YES	>0.94	≤5%	-30°C to 50°C (-22°F to 122°F)	Incandescent	10-100%	<250mA
D27INC	100-277	50/60	YES	>0.90	≤20%	-30°C to 60°C (-22°F to 140°F)	Incandescent	10-100%	<10A

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BKSSL
SOLID STATE LIGHTING

Constant Current Driver

THE POWER OF

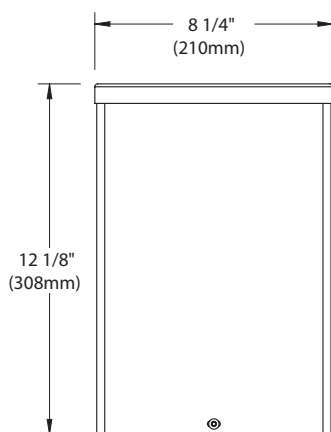


NEMA 3R Dual Remote Driver Housing

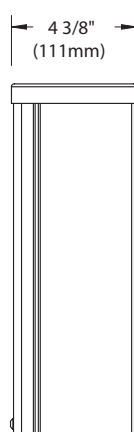
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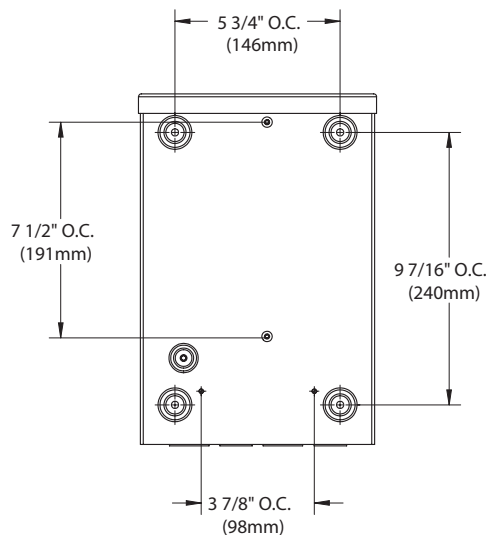
FRONT VIEW



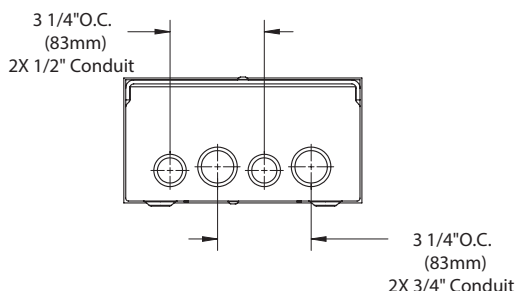
SIDE VIEW



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 (12-27W)

For use with [2] 700mA (D12, D20, D27), Class A, constant current drivers. 120-277VAC (nominal) primary input voltage. 50/60Hz. >0.94 Power Factor, <10.0A 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.

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. UL Listed. Certified to CAN/CSA/ANSI Standards. RoHs compliant. Made in USA.



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