

OLYMPUS SERIES™

PAR20 Metal Halide - Remote Ballast (RM)

PROJECT:

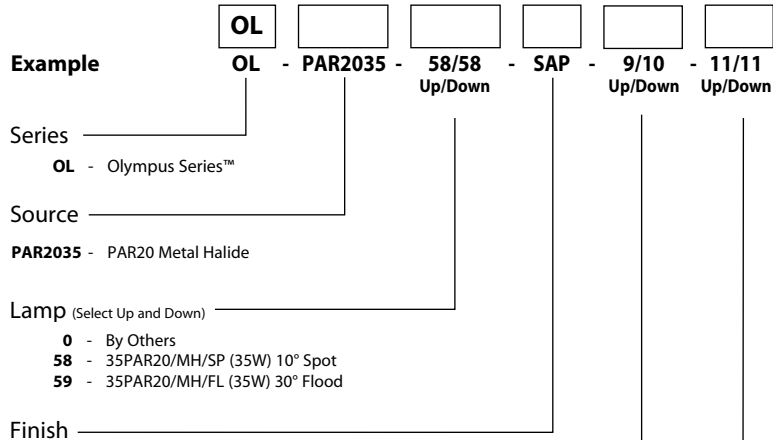
TYPE:

CATALOG
NUMBER:

SOURCE:

NOTES:

CATALOG NUMBER LOGIC



Configure Ballast Housing Separately

Ballast Housing Required

PM3DRM - Universal Power Module 3 Dual Remote

PM4DRM - Universal Power Module 4 Dual Remote

DRM - Dual Remote Wall Mount

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	

Lens Type (Select Up and Down)

- 9 - Clear (Standard)
- 10 - Spread*
- 13 - Rectilinear*

Shielding (Select Up and Down)

- 11 - Honeycomb Baffle*

* Accommodates up to 2 Lens/Shielding media Up & Down

LAMP DATA

BK No.	Lamp Watts	Description	Rated Life	Center Beam Candlepower	CRI	CCT(K)	Beam Angle	Beam Type
58	35	35PAR20/MH/SP	9,000	23,000	81	3,000	10°	Spot
59	35	35PAR20/MH/FL	9,000	5,000	81	3,000	30°	Flood

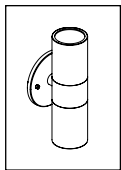
B-K LIGHTING

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

SUBMITTAL DATE
7-8-12

DRAWING NUMBER
SUB-1817-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



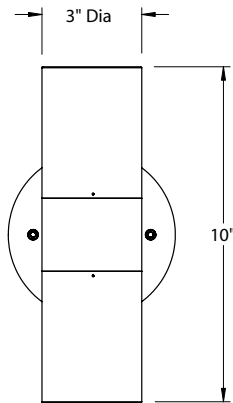
OLYMPUS SERIES™

PAR20 Metal Halide - Remote Ballast (RM)

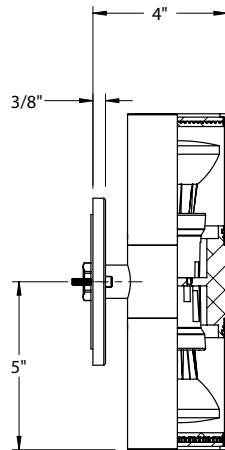
PROJECT:

TYPE:

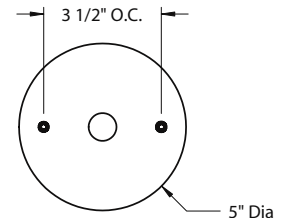
FRONT VIEW



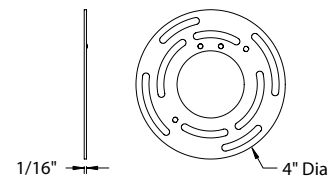
SIDE VIEW



CANOPY DETAIL

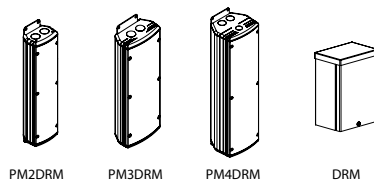


UNIVERSAL RING



Accessories (Configure separately)

Remote Ballast Housings:



PM2DRM

PM3DRM

PM4DRM

DRM

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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource 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. Flush mounted lens. Accommodates up to (2) lens or louver media per lamp.

Lens

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

Lamp

For use with (2) 35 watt maximum, PAR20 metal halide lamps.

Socket

Specification grade ceramic body lamp holder rated for 4kV starting pulse. Medium base, nickel-plated copper alloy lamp grip and screw shell. Corrosion resistant coil spring under center contact.

Installation

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

Remote Ballast

For use with (2) remote magnetic metal halide ballasts. See ballast technical data to determine lamp-to-ballast distance and wiring requirements prior to detailing field installation of any remote wiring.

Wiring

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

Hardware

Tamper-resistant, stainless steel hardware. Mounting screws are additionally black oxidized.

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

ETL Listed to ANSI/UL Standard 1598. Certified to CAN/CSA Standard C22.2 No. 250. IP66 Rated. RoHS compliant. Suitable for indoor or outdoor use. Suitable for use in wet locations. Made in USA.



RoHS

*Teflon is a registered trademark of DuPont Corporation.

B-K LIGHTING

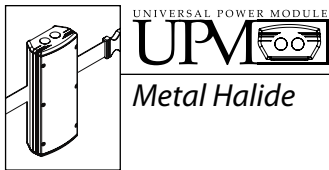
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE

7-8-12

DRAWING NUMBER

SUB-1817-00



PM3 DUAL RM TREE STRAP™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

Example **PM3DRM** - **TSC-20** - **H35E/H50E** - **BZP** - **MT** - **MB**

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

Mounting **TSC - Length** - Tree Strap™ (Specify Adjustable Strap Length)
Minimum 3" Adjustable Strap with Safety Cable (Standard)

Ballast Type (2 ballast choices required with PM3DRM)
H35E - 35W Electronic Metal Halide Ballast
H50E - 50W Electronic Metal Halide Ballast
H70E - 70W Electronic Metal Halide Ballast
H100E - 100W Electronic Metal Halide Ballast
H150E - 150W Electronic Metal Halide Ballast*
*H150E available in 120 VAC or 277 VAC only

Finish

Standard Finish			Premium Finish	
Powder Coat Color	Satin	Wrinkle	ABP	MDS
Bronze	BZP	BZW	AMG Aleutian Mountain Granite	NBP Natural Brass Powder
Black	BLP	BLW	AQW Antique White	OCF Old Copper
White (Gloss)	WHP	WHW	BCM Black Chrome	RMG Rocky Mountain Granite
Aluminum	SAP	—	BGE Beige	SDS Sonoran Desert Sandstone
Verde	—	VER	BPP Brown Patina Powder	SMG Sierra Mountain Granite
			CAP Clear Anodized Powder	TXF Textured Forest
			CMG Cascade Mountain Granite	WCP Weathered Copper
			CRI Cracked Ice	WIR Weathered Iron
			CRM Cream	
			HUG Hunter Green	Also available in RAL Finishes See submittal SUB-1439-00

Input Voltage **120** - 120 VAC Input*
277 - 277 VAC Input*
MT - 120/208/240/277 Volt Multi Tap (Electronic Ballast)
*H150E available in 120 VAC or 277 VAC only

Options **MB** - Mounting Brackets

⚠ REMOTE WIRING

Electronic Ballast

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others). Electronic ballasts have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations:

- 1 Foot Minimum and 15 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- Each pair of dedicated lamp leads must be run in a separate, dedicated metal conduit.
- Lamp leads must be 18 gauge, wire type SF-2 or SFF-2.
- Each pair of dedicated lamp leads must be placed in a minimum 1/2" internal diameter conduit, pipe, or flexible conduit.
- The use of metal clad cable assemblies or service power cords (SJ, SO, etc.) is prohibited.

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35E	Electronic	120	44	0.39	HPF	-5° F	1' Min - 15' Max.
H35E	Electronic	277	44	0.17	HPF	-5° F	1' Min - 15' Max.
H50E	Electronic	120	58	0.49	HPF	-5° F	1' Min - 15' Max.
H50E	Electronic	277	58	0.21	HPF	-5° F	1' Min - 15' Max.
H70E	Electronic	120	79	0.67	HPF	-5° F	1' Min - 15' Max.
H70E	Electronic	277	79	0.29	HPF	-5° F	1' Min - 15' Max.
H100E	Electronic	120	110	0.90	HPF	-5° F	1' Min - 15' Max.
H100E	Electronic	277	110	0.41	HPF	-5° F	1' Min - 15' Max.
H150E	Electronic	120	167	1.40	HPF	-22° F	1' Min - 15' Max.
H150E	Electronic	277	167	0.61	HPF	-22° F	1' Min - 15' Max.

Ballast Manufacture's requirement: Wire used must only be 18 gauge, SF2 or SFF2, and be in a dedicated metal conduit of 1/2" I.D. Minimum, per lamp.

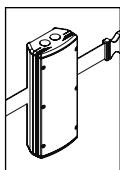
B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1546-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



UNIVERSAL POWER MODULE
UPM

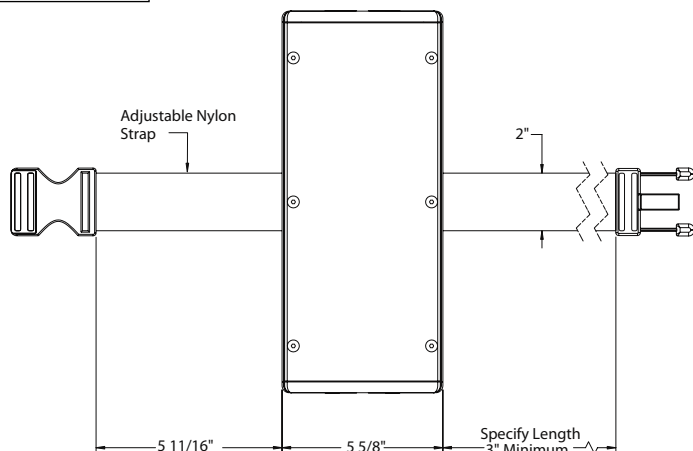
Metal Halide

PM3 DUAL RM TREE STRAP™

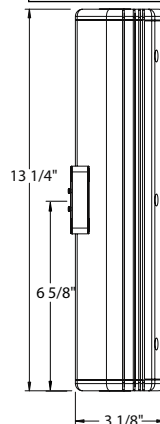
PROJECT:

TYPE:

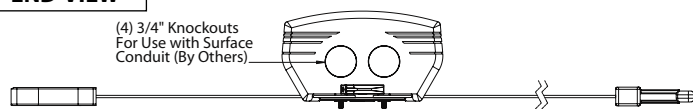
TOP VIEW



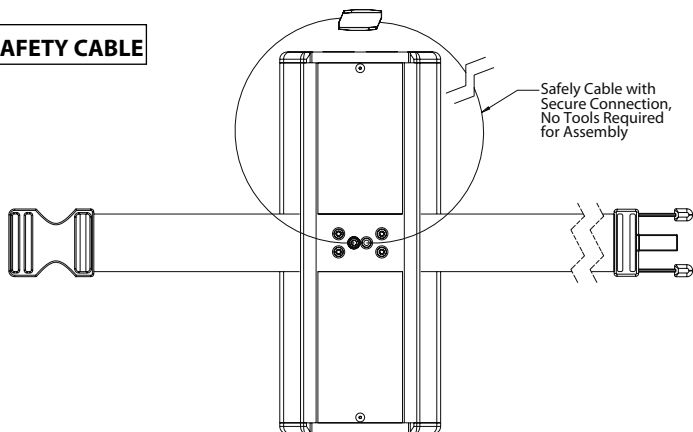
SIDE VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Universal design for remote metal halide fixtures (specified separately) and permits water-tight installation in three distinct mounting conditions.

Tree Installation

Tree Strap™ mounting system facilitates non-invasive installation. Adjustable nylon strap is mold and mildew resistant and will not hinder tree growth. 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] 3/4" NPT and [2] 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.

Ballast

[2] 35-150 watt, integral, high power factor, electronic metal halide ballasts permit split switching. Multi-Tap (120/208/240/277V) primary voltage 50/60Hz. H150E available in 120V, or 277V primary voltage. 50/60Hz.

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.



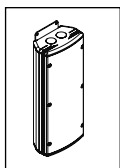
RoHS

B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1546-00



UNIVERSAL POWER MODULE
UPM

Metal Halide

PM3 DUAL RM SURFACE MOUNT

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

Example **PM3DRM** - **SM** - **H35E/H50E** - **BZP** - **MT**

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

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

Ballast Type (2 ballast choices required with PM3DRM)
H35E - 35W Electronic Metal Halide Ballast
H50E - 50W Electronic Metal Halide Ballast
H70E - 70W Electronic Metal Halide Ballast
H100E - 100W Electronic Metal Halide Ballast
H150E - 150W Electronic Metal Halide Ballast*
**H150E available in 120 VAC or 277 VAC only*

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

Input Voltage

- 120** - 120 VAC Input*
277 - 277 VAC Input*
MT - 120/208/240/277 Volt Multi Tap (Electronic Ballast)

**H150E available in 120 VAC or 277 VAC only*

⚠ REMOTE WIRING

Electronic Ballast

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others). Electronic ballasts have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations:

- 1 Foot Minimum and 15 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- Each pair of dedicated lamp leads must be run in a separate, dedicated metal conduit.
- Lamp leads must be 18 gauge, wire type SF-2 or SFF-2.
- Each pair of dedicated lamp leads must be placed in a minimum 1/2" internal diameter conduit, pipe, or flexible conduit.
- The use of metal clad cable assemblies or service power cords (SJ, SO, etc.) is prohibited.

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35E	Electronic	120	44	0.39	HPF	-5° F	1' Min - 15' Max.
H35E	Electronic	277	44	0.17	HPF	-5° F	1' Min - 15' Max.
H50E	Electronic	120	58	0.49	HPF	-5° F	1' Min - 15' Max.
H50E	Electronic	277	58	0.21	HPF	-5° F	1' Min - 15' Max.
H70E	Electronic	120	79	0.67	HPF	-5° F	1' Min - 15' Max.
H70E	Electronic	277	79	0.29	HPF	-5° F	1' Min - 15' Max.
H100E	Electronic	120	110	0.90	HPF	-5° F	1' Min - 15' Max.
H100E	Electronic	277	110	0.41	HPF	-5° F	1' Min - 15' Max.
H150E	Electronic	120	167	1.40	HPF	-22° F	1' Min - 15' Max.
H150E	Electronic	277	167	0.61	HPF	-22° F	1' Min - 15' Max.

Ballast Manufacturer's requirement: Wire used must only be 18 gauge, SF2 or SFF2, and be in a dedicated metal conduit of 1/2" I.D. Minimum, per lamp.

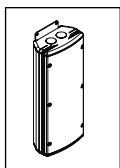
B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1548-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



UNIVERSAL POWER MODULE
UPM

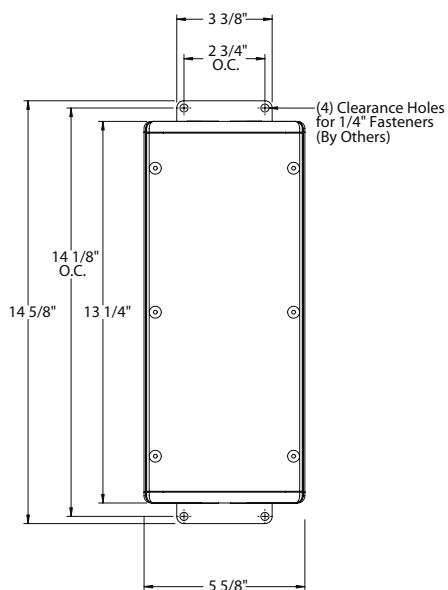
Metal Halide

PM3 DUAL RM SURFACE MOUNT

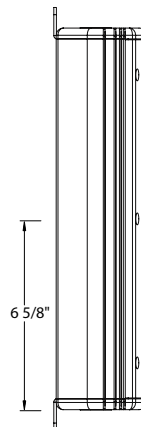
PROJECT:

TYPE:

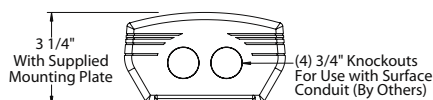
TOP VIEW



SIDE VIEW



END VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Universal design for remote metal halide fixtures (specified separately) and permits water-tight installation in three distinct mounting conditions.

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] 3/4" NPT and [2] 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.

Ballast

[2] 35-150 watt, integral, high power factor, electronic metal halide ballasts permit split switching. Multi-Tap (120/208/240/277V) primary voltage 50/60Hz. H150E available in 120V, or 277V primary voltage. 50/60Hz.

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.

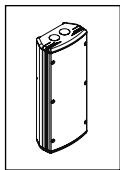


B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1548-00



Metal Halide

PM3 DUAL RM JUNCTION BOX (CAMLOCK™)

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

	PM3DRM	CR									
Example	PM3DRM	-	CR	-	H35E/H50E	-	BZP	-	MT	-	MB
Series											
	PM3DRM - Universal Power Module™ 3 Dual Remote										
Mounting											
	CR - Round CamLock™										
Ballast Type (2 ballast choices required with PM3DRM)											
	H35E - 35W Electronic Metal Halide Ballast H50E - 50W Electronic Metal Halide Ballast H70E - 70W Electronic Metal Halide Ballast H100E - 100W Electronic Metal Halide Ballast H150E - 150W Electronic Metal Halide Ballast*										
	*H150E available in 120 VAC or 277 VAC only										
Finish											
	Standard Finish						Premium Finish				
	Powder Coat Color	Satin	Wrinkle	ABP	Antique Brass Powder	MDS	Mojave Desert Sandstone				
	Bronze	BZP	BZW	AMG	Aleutian Mountain Granite	NBP	Natural Brass Powder				
	Black	BLP	BLW	AQW	Antique White	OCF	Old Copper				
	White (Gloss)	WHP	WHW	BCM	Black Chrome	RMG	Rocky Mountain Granite				
	Aluminum	SAP	—	BGE	Beige	SDS	Sonoran Desert Sandstone				
	Verde	—	VER	BPP	Brown Patina Powder	SMG	Sierra Mountain Granite				
				CAP	Clear Anodized Powder	TXF	Textured Forest				
				CMG	Cascade Mountain Granite	WCP	Weathered Copper				
				CRI	Cracked Ice	WIR	Weathered Iron				
				CRM	Cream						
				HUG	Hunter Green		Also available in RAL Finishes See submittal SUB-1439-00				
Input Voltage											
	120 - 120 VAC Input*										
	277 - 277 VAC Input*										
	MT - 120/208/240/277 Volt Multi Tap (Electronic Ballast)										
	*H150E available in 120 VAC or 277 VAC only										
Options											
	MB - Mounting Brackets										

⚠ REMOTE WIRING

Electronic Ballast

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others). Electronic ballasts have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations:

- 1 Foot Minimum and 15 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- Each pair of dedicated lamp leads must be run in a separate, dedicated metal conduit.
- Lamp leads must be 18 gauge, wire type SF-2 or SFF-2.
- Each pair of dedicated lamp leads must be placed in a minimum 1/2" internal diameter conduit, pipe, or flexible conduit.
- The use of metal clad cable assemblies or service power cords (SJ, SO, etc.) is prohibited.

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35E	Electronic	120	44	0.39	HPF	-5° F	1' Min - 15' Max.
H35E	Electronic	277	44	0.17	HPF	-5° F	1' Min - 15' Max.
H50E	Electronic	120	58	0.49	HPF	-5° F	1' Min - 15' Max.
H50E	Electronic	277	58	0.21	HPF	-5° F	1' Min - 15' Max.
H70E	Electronic	120	79	0.67	HPF	-5° F	1' Min - 15' Max.
H70E	Electronic	277	79	0.29	HPF	-5° F	1' Min - 15' Max.
H100E	Electronic	120	110	0.90	HPF	-5° F	1' Min - 15' Max.
H100E	Electronic	277	110	0.41	HPF	-5° F	1' Min - 15' Max.
H150E	Electronic	120	167	1.40	HPF	-22° F	1' Min - 15' Max.
H150E	Electronic	277	167	0.61	HPF	-22° F	1' Min - 15' Max.

Ballast Manufacture's requirement: Wire used must only be 18 gauge, SF2 or SFF2, and be in a dedicated metal conduit of 1/2" I.D. Minimum, per lamp.

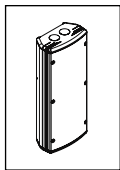
B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1547-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



UNIVERSAL POWER MODULE
UPM

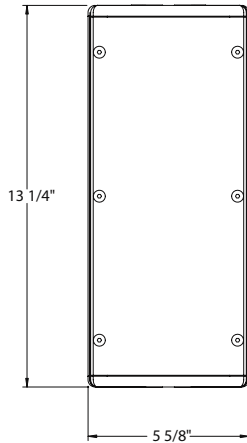
Metal Halide

PM3 DUAL RM JUNCTION BOX (CAMLOCK™)

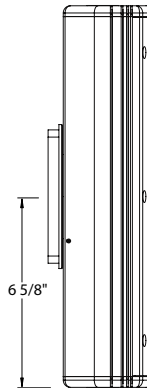
PROJECT:

TYPE:

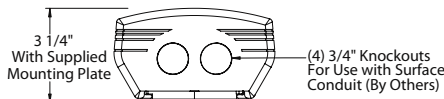
TOP VIEW



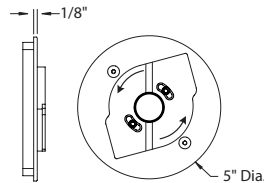
SIDE VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Universal design for remote metal halide fixtures (specified separately) and permits water-tight installation in three distinct mounting conditions.

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] 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] 3/4" NPT and [2] 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.

Ballast

[2] 35-150 watt, integral, high power factor, electronic metal halide ballasts permit split switching. Multi-Tap (120/208/240/277V) primary voltage 50/60Hz. H150E available in 120V, or 277V primary voltage. 50/60Hz.

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.



B-K LIGHTING

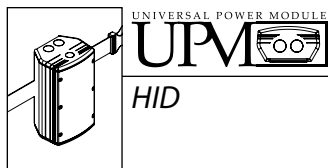
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE

7-17-12

DRAWING NUMBER

SUB-1547-00



PM4RM TREE STRAP™

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

⚠ REMOTE WIRING

Example **PM4RM** - **TSC-20** - **H35M** - **BZP** - **120** - **MB**

Series **PM4RM** - Universal Power Module™ 4 Remote

Mounting **TSC - Length** - Tree Strap™ (Specify Adjustable Strap Length)
Minimum 3" Adjustable Strap with Safety Cable (Standard)

Ballast Type **H35M** - 35W Magnetic Ballast (Metal Halide)
H50M - 50W Magnetic Ballast (Metal Halide)
H70M - 70W Magnetic Ballast (Metal Halide)
H100M - 100W Magnetic Ballast (Metal Halide)
H150M - 150W Magnetic Ballast (Metal Halide)
S35M - 35W Magnetic Ballast (High Pressure Sodium)*
S50M - 50W Magnetic Ballast (High Pressure Sodium)
S70M - 70W Magnetic Ballast (High Pressure Sodium)
**S35M available in 120 VAC Only*

Finish

Magnetic Ballast

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others). Magnetic ballasts have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations:

- 35 Watt = 15 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- >35 Watt = 1 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

Standard Finish			Premium Finish		
Powder Coat Color	Satin	Wrinkle	ABP	CMG	RMG
Bronze	BZP	BZW	AMG	CRI	SDS
Black	BLP	BLW	AQW	CRM	SMG
White (Gloss)	WHP	WHW	BCM	HUG	TXF
Aluminum	SAP	—	BGE	MDS	WCP
Verde	—	VER	BPP	NBP	WIR
			CAP	OCP	Also available in RAL Finishes See submittal SUB-1439-00

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

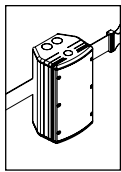
Options **MB** - Mounting Brackets

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35M	Magnetic	120	53	1.10	HX-HPF	-20° F	15' Min - 50' Max.
H35M	Magnetic	277	56	0.40	HX-HPF	-20° F	15' Min - 50' Max.
H50M	Magnetic	120	72	1.00	HX-HPF	-20° F	1' Min - 50' Max.
H50M	Magnetic	277	72	0.50	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	120	90	1.90	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	277	90	0.80	HX-HPF	-20° F	1' Min - 50' Max.
H100M	Magnetic	120	129	1.50	HX-HPF	-22° F	1' Min - 50' Max.
H100M	Magnetic	277	118	0.35	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	120	185	1.90	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	277	173	0.75	HX-HPF	-22° F	1' Min - 50' Max.
S35M	Magnetic	120	46	0.80	RX-HPF	-40° F	1' Min - 15' Max.
S50M	Magnetic	120	66	1.00	HX-HPF	-40° F	1' Min - 35' Max.
S50M	Magnetic	277	66	0.50	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	120	91	1.40	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	277	91	0.70	HX-HPF	-40° F	1' Min - 35' Max.

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 7-17-12	DRAWING NUMBER SUB-1530-00
---------------------	---	---------------------------	-------------------------------

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



UNIVERSAL POWER MODULE
UPM

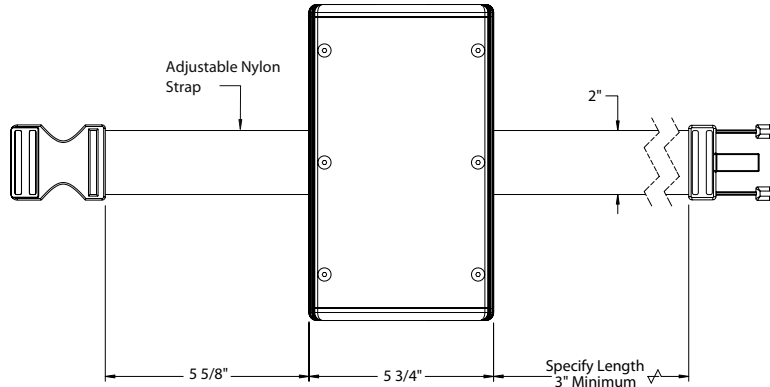
HID

PM4RM TREE STRAP™

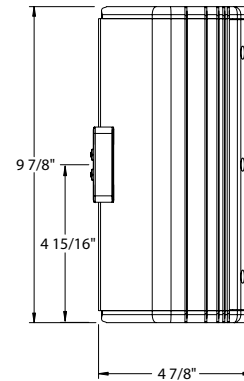
PROJECT:

TYPE:

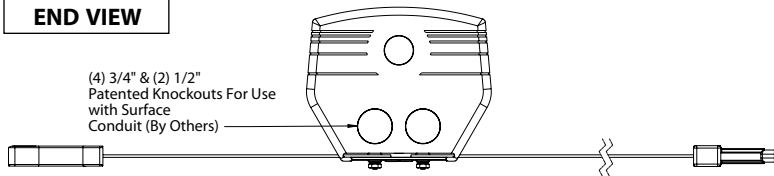
TOP VIEW



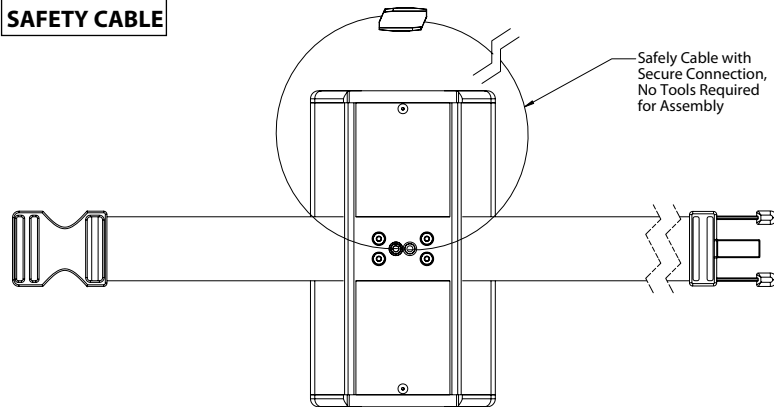
SIDE VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Universal design for remote metal halide fixtures (specified separately) Water-tight installation in three distinct mounting conditions.

Tree Installation

Tree Strap™ mounting system facilitates non-invasive installation. Adjustable nylon strap is mold and mildew resistant and will not hinder tree growth. 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] 3/4" NPT and [2] 1/2" NPT, machined aluminum knockouts. High temperature, silicone 'O' Ring for water-tight seal. Patented design allows knockout to be inserted without compromising seal integrity.

Ballast

[1] 35-150 watt, integral, Class H insulated, high power factor, magnetic metal halide ballast. 120V, or 277V primary voltage.

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.

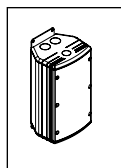


B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1530-00



UNIVERSAL POWER MODULE
UPM

HID

PM4RM SURFACE MOUNT

PROJECT:	
TYPE:	
CATALOG NUMBER:	
SOURCE:	
NOTES:	

CATALOG NUMBER LOGIC

	PM4RM	-	SM	-		-		-		-	
Example	PM4RM	-	SM	-	H70M	-	BZP	-	120		
Series											
	PM4RM - Universal Power Module™ 4 Remote										
Mounting											
	SM - Surface Mount (requires side conduit entry)										
Ballast Type											
	H35M - 35W Magnetic Ballast (Metal Halide) H50M - 50W Magnetic Ballast (Metal Halide) H70M - 70W Magnetic Ballast (Metal Halide) H100M - 100W Magnetic Ballast (Metal Halide) H150M - 150W Magnetic Ballast (Metal Halide) S35M - 35W Magnetic Ballast (High Pressure Sodium)* S50M - 50W Magnetic Ballast (High Pressure Sodium) S70M - 70W Magnetic Ballast (High Pressure Sodium) *S35M available in 120 VAC Only										
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	
	120 - 120 VAC Input
	277 - 277 VAC Input

⚠ REMOTE WIRING

Magnetic Ballast

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others). Magnetic ballasts have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations:

- 35 Watt = 15 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- >35 Watt = 1 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35M	Magnetic	120	53	1.10	HX-HPF	-20° F	15' Min - 50' Max.
H35M	Magnetic	277	56	0.40	HX-HPF	-20° F	15' Min - 50' Max.
H50M	Magnetic	120	72	1.00	HX-HPF	-20° F	1' Min - 50' Max.
H50M	Magnetic	277	72	0.50	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	120	90	1.90	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	277	90	0.80	HX-HPF	-20° F	1' Min - 50' Max.
H100M	Magnetic	120	129	1.50	HX-HPF	-22° F	1' Min - 50' Max.
H100M	Magnetic	277	118	0.35	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	120	185	1.90	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	277	173	0.75	HX-HPF	-22° F	1' Min - 50' Max.
S35M	Magnetic	120	46	0.80	RX-HPF	-40° F	1' Min - 15' Max.
S50M	Magnetic	120	66	1.00	HX-HPF	-40° F	1' Min - 35' Max.
S50M	Magnetic	277	66	0.50	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	120	91	1.40	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	277	91	0.70	HX-HPF	-40° F	1' Min - 35' Max.

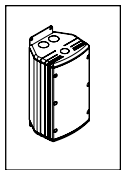
B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1532-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



UNIVERSAL POWER MODULE



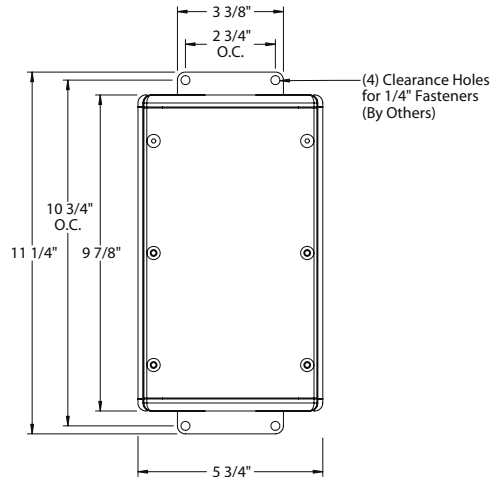
HID

PM4RM SURFACE MOUNT

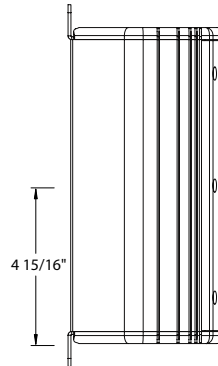
PROJECT:

TYPE:

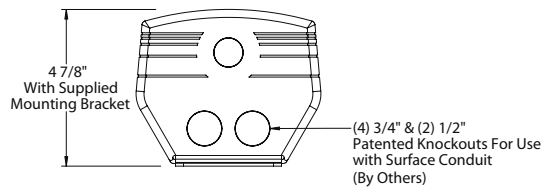
TOP VIEW



SIDE VIEW



END VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Universal design for remote metal halide fixtures (specified separately) Water-tight installation in three distinct mounting conditions.

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] 3/4" NPT and [2] 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.

Ballast

[1] 35-150 watt, integral, Class H insulated, high power factor, magnetic metal halide ballast. 120V, or 277V primary voltage.

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.

**B-K LIGHTING**

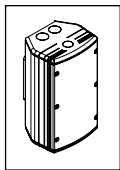
40429 Brickyard Drive • Madera, CA 93636 • USA
559.438.5800 • FAX 559.438.5900
www.bklighting.com • info@bklighting.com

SUBMITTAL DATE

7-17-12

DRAWING NUMBER

SUB-1532-00



UNIVERSAL POWER MODULE
UPM

HID

PM4RM JUNCTION BOX (CAMLOCK™)

PROJECT:

TYPE:

CATALOG
NUMBER:

SOURCE:

NOTES:

CATALOG NUMBER LOGIC

PM4RM

CR

H35M

BZP

120

MB

Example

PM4RM - CR - H35M - BZP - 120 - MB

Series

PM4RM - Universal Power Module™ 4 Remote

Mounting

CR - Round CamLock™

Ballast Type

H35M - 35W Magnetic Ballast (Metal Halide)
H50M - 50W Magnetic Ballast (Metal Halide)
H70M - 70W Magnetic Ballast (Metal Halide)
H100M - 100W Magnetic Ballast (Metal Halide)
H150M - 150W Magnetic Ballast (Metal Halide)
S35M - 35W Magnetic Ballast (High Pressure Sodium)*
S50M - 50W Magnetic Ballast (High Pressure Sodium)
S70M - 70W Magnetic Ballast (High Pressure Sodium)
*S35M available in 120 VAC Only

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

120 - 120 VAC Input
277 - 277 VAC Input

Options

MB - Mounting Brackets

⚠ REMOTE WIRING

Magnetic Ballast

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others). Magnetic ballasts have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations:

- 35 Watt = 15 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- >35 Watt = 1 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35M	Magnetic	120	53	1.10	HX-HPF	-20° F	15' Min - 50' Max.
H35M	Magnetic	277	56	0.40	HX-HPF	-20° F	15' Min - 50' Max.
H50M	Magnetic	120	72	1.00	HX-HPF	-20° F	1' Min - 50' Max.
H50M	Magnetic	277	72	0.50	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	120	90	1.90	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	277	90	0.80	HX-HPF	-20° F	1' Min - 50' Max.
H100M	Magnetic	120	129	1.50	HX-HPF	-22° F	1' Min - 50' Max.
H100M	Magnetic	277	118	0.35	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	120	185	1.90	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	277	173	0.75	HX-HPF	-22° F	1' Min - 50' Max.
S35M	Magnetic	120	46	0.80	RX-HPF	-40° F	1' Min - 15' Max.
S50M	Magnetic	120	66	1.00	HX-HPF	-40° F	1' Min - 35' Max.
S50M	Magnetic	277	66	0.50	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	120	91	1.40	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	277	91	0.70	HX-HPF	-40° F	1' Min - 35' Max.

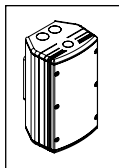
B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1531-00

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



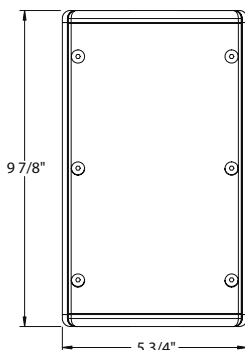
HID

PM4RM JUNCTION BOX (CAMLOCK™)

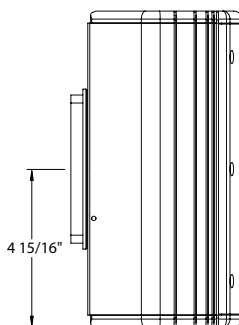
PROJECT:

TYPE:

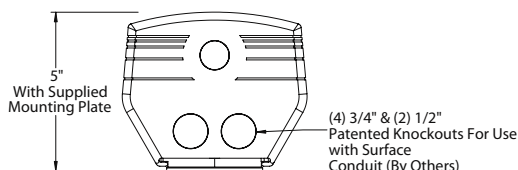
TOP VIEW



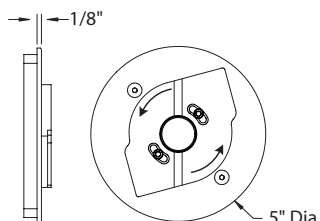
SIDE VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Universal design for remote metal halide fixtures (specified separately) Water-tight installation in three distinct mounting conditions.

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] 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] 3/4" NPT and [2] 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.

Ballast

[1] 35-150 watt, integral, Class H insulated, high power factor, magnetic metal halide ballast. 120V, or 277V primary voltage.

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.

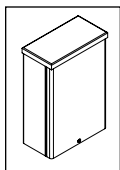


B-K LIGHTING

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

SUBMITTAL DATE
7-17-12

DRAWING NUMBER
SUB-1531-00



Surface Mount

Dual Remote Ballast Housing

PROJECT:

TYPE:

CATALOG
NUMBER:

SOURCE:

NOTES:

CATALOG NUMBER LOGIC

Example

Remote Ballast Housing

DRM - Remote Wall Mount Dual

Ballast Type (2 ballast choices required with DRM)

Metal Halide

H35M - (35W) Magnetic

H50M - (50W) Magnetic

H70M - (70W) Magnetic

H100M - (100W) Magnetic

H150M - (150W) Magnetic

H35E - (35W) Electronic

H50E - (50W) Electronic

H70E - (70W) Electronic

H100E - (100W) Electronic

H150E - (150W) Electronic*

High Pressure Sodium

S35M - (35W) Magnetic**

S50M - (35W) Magnetic

S70M - (70W) Magnetic

* H150E Available in 120 VAC or 277 VAC only. ** S35M Available in 120 VAC Only.

Input Voltage

120 - 120 Volt

277 - 277 Volt

MT - 120/208/240/277 Volt Multi Tap

Electronic Ballast Only. * H150E available in 120 VAC or 277 VAC only

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



REMOTE WIRING

Remote ballast installations require inter-connected wiring between the lamp and ballast (by others) and have specific wiring requirements between these components. Ballast manufacturers regularly recommend the following wiring details for such installations.

Electronic Ballast

- 1 Foot Minimum and 15 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- Each pair of dedicated lamp leads must be run in a separate, dedicated metal conduit.
- Lamp leads must be 18 gauge, wire type SF-2 or SFF-2.
- Each pair of dedicated lamp leads must be placed in a minimum 1/2" internal diameter conduit, pipe, or flexible conduit.
- The use of metal clad cable assemblies or service power cords (SJ, SO, etc.) is prohibited.

Magnetic Ballast

- 35 Watt = 15 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).
- >35 Watt = 1 Foot Minimum and 50 Foot Maximum Remote Wire Length (Ballast to Lamp Socket).

Please consult the factory through your local B-K Lighting Sales Representative prior to finalizing any installation detail utilizing remote ballast wiring.

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

BALLAST ELECTRICAL DATA

BALLAST	TYPE	INPUT VOLTS	INPUT WATTS	INPUT CURRENT	CIRCUIT TYPE	MINIMUM START TEMPERATURE	REMOTE BALLAST WIRE LENGTH
H35M	Magnetic	120	53	1.10	HX-HPF	-20° F	15' Min - 50' Max.
H35M	Magnetic	277	56	0.40	HX-HPF	-20° F	15' Min - 50' Max.
H50M	Magnetic	120	72	1.00	HX-HPF	-20° F	1' Min - 50' Max.
H50M	Magnetic	277	72	0.50	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	120	90	1.90	HX-HPF	-20° F	1' Min - 50' Max.
H70M	Magnetic	277	90	0.80	HX-HPF	-20° F	1' Min - 50' Max.
H100M	Magnetic	120	129	1.50	HX-HPF	-22° F	1' Min - 50' Max.
H100M	Magnetic	277	118	0.35	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	120	185	1.90	HX-HPF	-22° F	1' Min - 50' Max.
H150M	Magnetic	277	173	0.75	HX-HPF	-22° F	1' Min - 50' Max.
H35E*	Electronic	120	44	0.39	HPF	-5° F	1' Min - 15' Max.
H35E*	Electronic	277	44	0.17	HPF	-5° F	1' Min - 15' Max.
H50E*	Electronic	120	58	0.49	HPF	-5° F	1' Min - 15' Max.
H50E*	Electronic	277	58	0.21	HPF	-5° F	1' Min - 15' Max.
H70E*	Electronic	120	79	0.67	HPF	-5° F	1' Min - 15' Max.
H70E*	Electronic	277	79	0.29	HPF	-5° F	1' Min - 15' Max.
H100E*	Electronic	120	110	0.90	HPF	-5° F	1' Min - 15' Max.
H100E*	Electronic	277	110	0.41	HPF	-5° F	1' Min - 15' Max.
H150E*	Electronic	120	167	1.40	HPF	-22° F	1' Min - 15' Max.
H150E*	Electronic	277	167	0.61	HPF	-22° F	1' Min - 15' Max.
*Ballast Manufacturer's requirement: Wire used must only be 18 gauge, SF2 or SFF2, and be in a dedicated metal conduit of 1/2" I.D. Minimum, per lamp.							
S35M	Magnetic	120	46	0.80	RX-HPF	-40° F	1' Min - 15' Max.
S50M	Magnetic	120	66	1.00	HX-HPF	-40° F	1' Min - 35' Max.
S50M	Magnetic	277	66	0.50	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	120	91	1.40	HX-HPF	-40° F	1' Min - 35' Max.
S70M	Magnetic	277	91	0.70	HX-HPF	-40° F	1' Min - 35' Max.

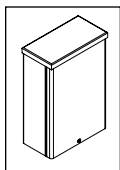
B-K LIGHTING

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

SUBMITTAL DATE
7-10-12

DRAWING NUMBER
SUB001125

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF B-K LIGHTING, INC. AND ITS RECEIPT OR POSSESSION DOES NOT CONVEY ANY RIGHTS TO REPRODUCE, DISCLOSE ITS CONTENTS, OR TO MANUFACTURE, USE OR SELL ANYTHING IT MAY DESCRIBE. REPRODUCTION, DISCLOSURE OR USE WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF B-K LIGHTING, INC. IS STRICTLY FORBIDDEN.



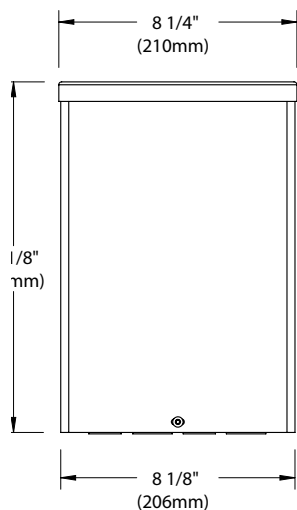
Surface Mount

Dual Remote Ballast Housing

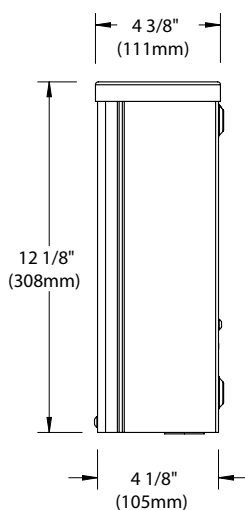
PROJECT:

TYPE:

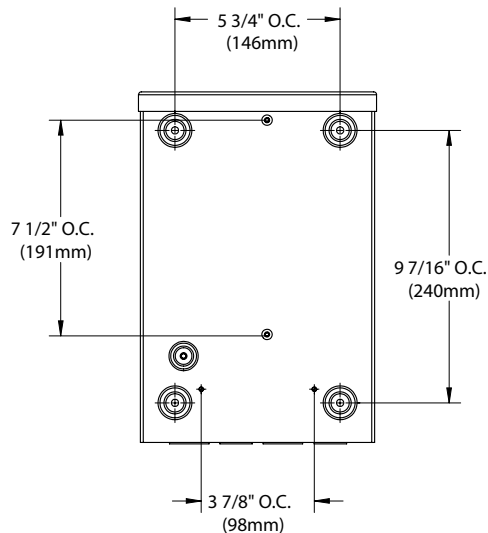
FRONT VIEW



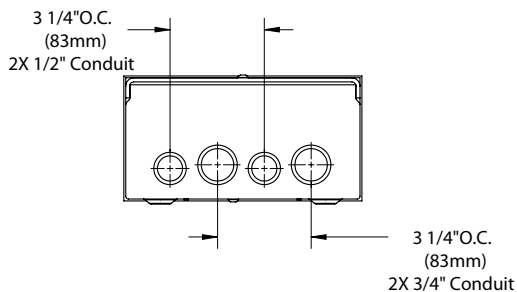
SIDE VIEW



BACK VIEW



END VIEW



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 onsite. Returnable to manufacturer at end of life to ensure cradle-to-cradle handling. Packaging contains no chlorofluorocarbons (CFC's). Use of this product may qualify for GreenSource efficacy and recycling rebate(s). Consult www.bklighting.com/greensource for program requirements.

Installation

Nema 3R, surface mount design. For use with remote metal halide 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.

Magnetic Ballast

[2] 35-150 watt, Class H insulated, integral, high power factor, magnetic ballast. 120V or 277V primary voltage, 60Hz.

Electronic Ballast

[2] 35-150 watt, integral, high power factor, electronic ballast. Multi-Tap (120/208/240/277V) primary voltage 50/60Hz. H150E available in 120V, or 277V primary voltage. 50/60Hz.

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 1029 and Certified to CAN/CSA Standard C22.2 No. 74. RoHs compliant. Made in USA.



®Teflon is a registered trademark of DuPont Corporation.

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
7-10-12

DRAWING NUMBER
SUB001125