







TOOLS

3/16" Allen Wrench

- Waterproof Wire Connectors
- Inspiration Control System on iOS Device

DENALI

LED - COLOR TUNING

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

Lighted fixture is HOT! WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

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- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

IMPORTANT LISTINGS AND CERTIFICATIONS • Suitable for wet locations

A Device Requirements iOS device with installed Inspiration Control System App is required for Bluetooth® Wireless **/!\ REMOTE WIRING** Control Bluetooth® version 4.0 or higher required. **LED Driver** iOS Devices: Remote driver installations require inter-connected iPhone - iPhone 4s or newer wiring between the LED and driver (not included). iPad - 3rd Gen iPad or newer Drivers have specific wiring requirements between iPad Mini these components. Driver manufacturers regularly iPad Air recommend the following wiring details for such iPod - iPod Touch 5th Gen or newer 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 HOUSING REQUIRED** ∕∖∖ Please refer to specified remote driver housing documentation for detailed installation instructions. 0 **REMOTE DRIVER HOUSINGS:** HP2RM - HP2 Remote Housing 360HD Knuckle Mounting System. PM2RM - Universal Power Module 3 Remote PM2DRM - Universal Power Module 3 Dual Remote RM - Remote Wall Mount • DRM - Dual Remote Wall Mount Locknut 1/2" NPS Threaded Stem HP2RM PM2RM & PM2DRM RM & DRM **IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION** INSTRUCTIONS



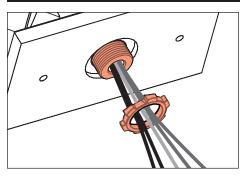
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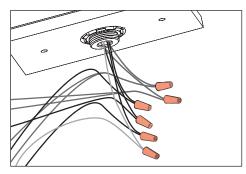


/ iOS device (not included) with installed B-K Lighting Inspiration Application required for use.

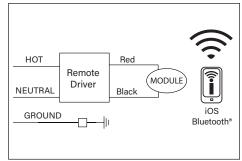
Wireless Bluetooth[®] Controls with Inspiration Application



- 1. Mount fixture onto suitable enclosure according to designed lighting plan.
- 2. Secure $\frac{1}{2}$ " NPS stem to mounting option. Secure with provided locknut if applicable.



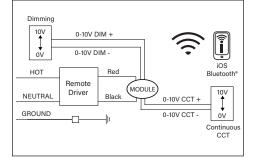
- Pull remote wiring and external controls through mounting plate. Make connections from remote driver to fixture leads using waterproof wire connectors (not included). See wiring diagram.
- \triangle Number of wires and connections varies with wiring as per lighting plan.



WIRING DIAGRAM - Wireless Bluetooth® Controls with Inspiration Application on iOS device

iOS device controls dimming, CCT, Saturation, and Hue using Bluetooth® wireless controls and the application.

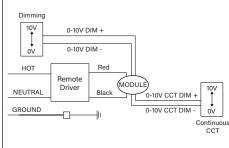
- ▲ iOS device (iPad, iPod, iPhone) with installed B-K Lighting Inspiration application is required.
- ▲ iOS device must be within 5ft of fixture for wireless operation.



WIRING DIAGRAM - Hybrid

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module and controls CCT, Saturation, and Hue.

- ⚠ iOS device (iPad, iPod, iPhone) with installed B-K Lighting Inspiration application is required.
- ▲ iOS device must be within 5ft of fixture for wireless operation.



WIRING DIAGRAM - 0-10V Wired

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module and controls CCT, Saturation, and Hue.

- ⚠ iOS device (iPad, iPod, iPhone) with installed B-K Lighting Inspiration application is required.
- iOS device must be within 5ft of fixture for wireless operation.

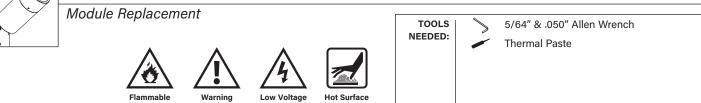
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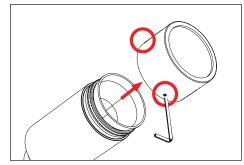
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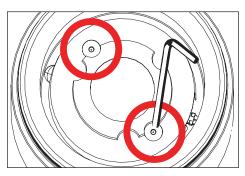
DENALI INSPIRATION CONTROL SYSTEM



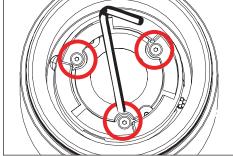
To Replace Module



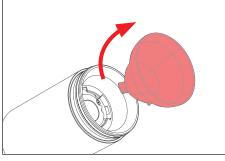
Remove cap by loosening three (3) #8-32 set 1. screws using a 5/64" allen wrench.



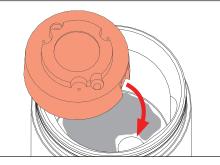
- 4. Loosen and remove two (2) #4-40 screws holding LED module to heatsink using a 0.050" allen wrench.
- Carefully remove LED module from heatsink, and 5. disconnect the quick disconnect from the LED module
- Do not pull on connectors or wiring. Handle with care



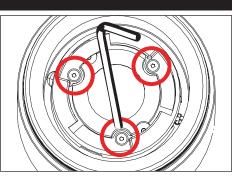
9. Tighten three (3) #2-28 screws on optic module using a .050" allen wrench to secure optic holder.



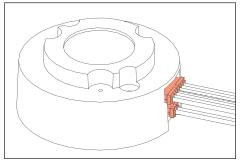
2. Gently twist optic to the left so optic tabs are clear of optic holder and carefully pull away.



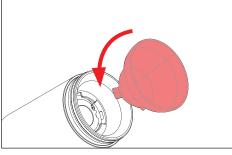
6. Spread new thermal paste in even layer on heatsink. Line up new LED board and place on heatsink.



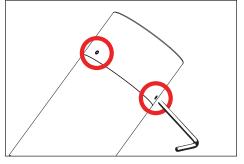
Loosen, then remove three (3) #2-28 screws from 3. optic module using a .050" allen wrench. Remove optic holder from module.



- 7. Connect new LED module via quick disconnects. Place new LED module onto heatsink, lining up module with holes for screws.
- Secure LED module to heatsink with two (2) #4-40 8. screws.



10. Line up optic tabs in the optic holder, then gently twist to the right to secure.



- Place cap on fixture and tighten three (3) #8-32 set screws with a 5/64" allen wrench. 11. Top of screws should sit flush with fixture cap.
- Warning: Do not over tighten set screw. Doing ⚠ so will compromise o-ring seal and will void warranty. Cap should be able to rotate without force

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RELEASE DATE REFERENCE NUMBER 08/15/2023 INS-2321-03



360HD KNUCKLE

MOUNTING SYSTEM

Standard Adjustm	ent			TOOLS NEEDED:	3/16" Allen wrench
1	Flammable	Warning	Hot Surface		

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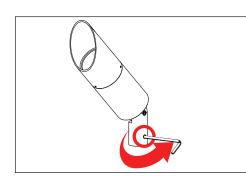
SAVE THESE INSTRUCTIONS

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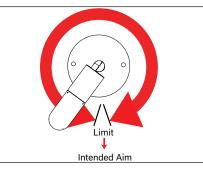
IMPORTANT LISTINGS AND CERTIFICATIONS

· Suitable for wet locations · Additionally suitable for mounting within 4 ft. of the ground

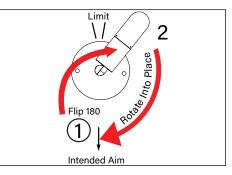
360HD Knuckle Mounting System



- Use a 3/16" allen wrench to slightly loosen 1. one (1) 3/8"-16 set screw on the knuckle for 360° aiming purpose.
- Rotate fixture at base and aim fixture to desired 2. horizontal location.



3. If the over-rotation protection pin is in the desired aiming position, do not force the fixture past the limit. Using a 3/16" allen wrench, slightly loosen both set screws in the knuckle, enough to move the fixture freely on both axes.

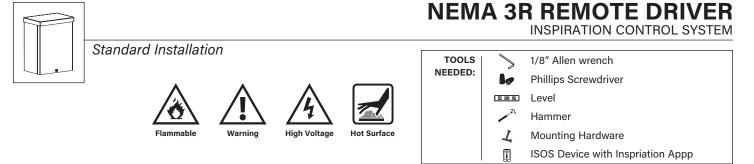


- Flip the fixture 180 degrees over the knuckle. The 4. rotational range limit will now be 180 degrees from the original position. Now rotate the fixture into the desired aiming position.
- Secure aim by tightening one (1) 3/8"-16 set screw using a 3/16" allen wrench. 5.
- Rotating the cap may be necessary for proper 巫 weep hole and cutoff position
- Warning: Do not over tighten cap set screws. Æ Doing so will compromise o-ring seal and will void warranty.

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SAVE THESE INSTRUCTIONS

RM - Single Remote Housing

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IMPORTANT LISTINGS AND CERTIFICATIONS

Suitable for wet locations

 Driver

 Image: Cover

A REMOTE WIRING

LED Driver

Remote driver installations require inter-connected wiring between the LED and driver (not included). 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.

Device Requirements

iOS device with installed Inspiration Control System App is required for Bluetooth[®] Wireless Control. Bluetooth[®] version 4.0 or higher required. iOS Devices: iPhone - iPhone 4s or newer

- iPad 3rd Gen iPad or newer iPad Mini
 - iPad Air

 $\mathbf{iPod}~$ - $\mathbf{iPod}~$ Touch 5th Gen or newer

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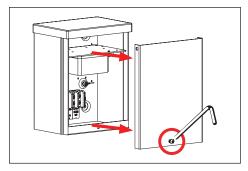
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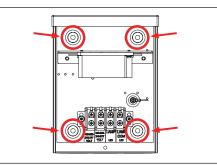


iOS device (not included) with installed B-K Lighting Inspiration Application required for use. ∕∖∖

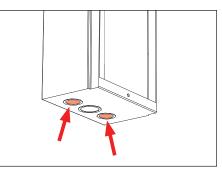
Housing Installation



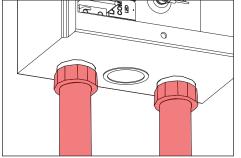
Remove cover by removing #10-24 cover screw using 1. a 1/8" allen wrench.



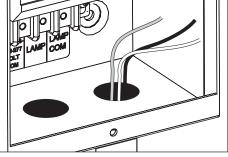
- 2. Attach the NEMA 3R housing at mounting holes with 1/4" fasteners. Use suitable mounting hardware for surface. Use level to ensure a level install.
- NOTE: Many methods exist to bolt to a flat surface. The housing is provided with mounting ⚠ brackets with 1/4" holes.



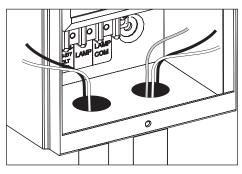
3. Remove knockout(s) with hammer as needed from the NEMA 3R housing. Leave remaining unused knockouts in place to maintain seal.



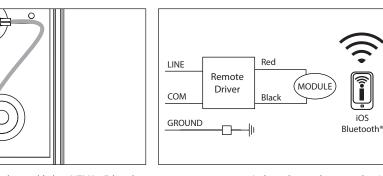
- Connect conduit connector through female 4. threaded conduit entry.
- NOTE: Surface conduit is a common entrance ⚠ for water if not properly sealed. Seal connector threads and conduit with a suitable sealant (teflon tape, adhesive, etc.). Sealing the conduit after knockouts are removed is required to maintain warranty.



5. Pull branch circuit wiring necessary for installation.



- Pull secondary leads necessary for installation 6. though dedicated conduit.
- NOTE: Failure to comply with specific wiring requirements will void product warranty. ⚠



WIRING DIAGRAM - Wireless Bluetooth® Controls with Inspiration Application on iOS device

iOS device controls dimming, CCT, Saturation, and Hue using Bluetooth® wireless controls and the application.

RELEASE DATE

08/15/2023

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REFERENCE NUMBER INS-2564-00

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Connect branch circuit to terminal block. Connect incoming ground to ground wire provided on NEMA 3R housing. 7. Connect secondary lamp leads to terminal. See labels on terminal block for additional information...

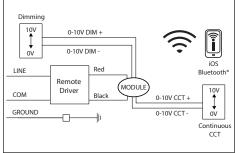
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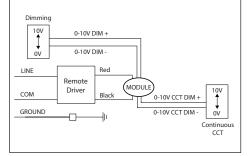
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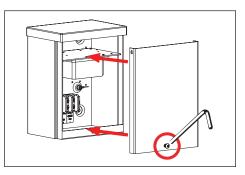
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iOS device (not included) with installed B-K Lighting Inspiration Application required for use.







WIRING DIAGRAM - Hybrid

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module. iOS device controls Saturation and Hue.

WIRING DIAGRAM - 0-10V Wired

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module and controls CCT.

8. Re-attach cover. Tighten cover screw.

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NEMA 3R DUAL REMOTE DRIVER

INSPIRATION CONTROL SYSTEM



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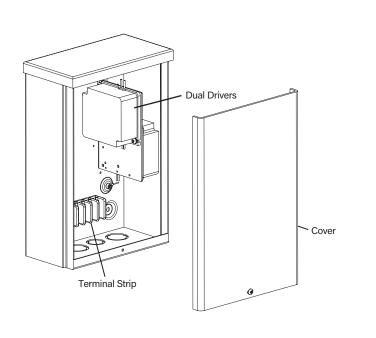
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IMPORTANT LISTINGS AND CERTIFICATIONS

· Suitable for wet locations

DRM - Dual Remote Housing



REMOTE WIRING

LED Driver

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- iPad 3rd Gen iPad or newer iPad Mini
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iPod - iPod Touch 5th Gen or newer

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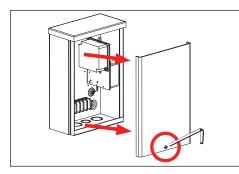
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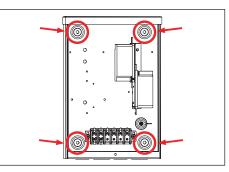


🔨 iOS device (not included) with installed B-K Lighting Inspiration Application required for use.

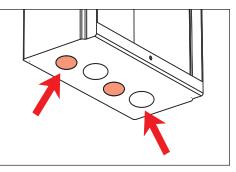
Housing Installation



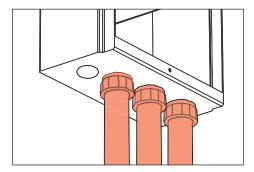
1. Remove cover by removing #10-24 cover screw using a 1/8" allen wrench.



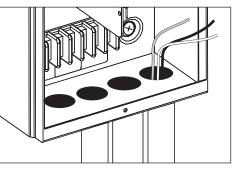
- Attach the NEMA 3R housing at mounting holes with ¼" fasteners. Use suitable mounting hardware for surface. Use level to ensure a level install.
- ▲ NOTE: Many methods exist to bolt to a flat surface. The housing is provided with mounting brackets with ¼" holes.



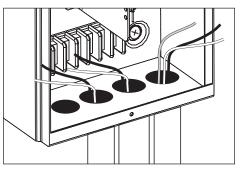
3. Remove knockout(s) with hammer as needed from the NEMA 3R housing. Leave remaining unused knockouts in place to maintain seal.



- 4. Connect conduit connector through female threaded conduit entry.
- ▲ NOTE: Surface conduit is a common entrance for water if not properly sealed. Seal connector threads and conduit with a suitable sealant (teflon tape, adhesive, etc.). Sealing the conduit after knockouts are removed is required to maintain warranty.

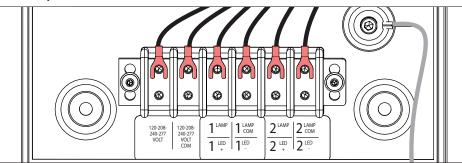


5. Pull branch circuit wiring necessary for installation.

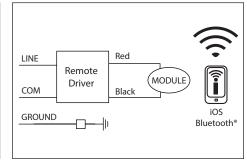


6. Pull secondary lamp leads necessary for installation though dedicated conduit.

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



 Terminal Block Wiring - Connect branch circuit to terminal block. Connect incoming ground to ground wire provided on NEMA 3R housing. Connect secondary lamp leads to terminal block. See labels on terminal block for additional information.



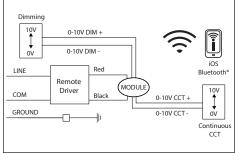
WIRING DIAGRAM - Wireless Bluetooth® Controls with Inspiration Application on iOS device

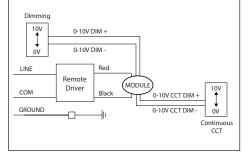
iOS device controls dimming, CCT, Saturation, and Hue using Bluetooth® wireless controls and the application.

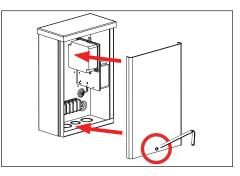




iOS device (not included) with installed B-K Lighting Inspiration Application required for use.







WIRING DIAGRAM - Hybrid

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module. iOS device controls Saturation and Hue.

WIRING DIAGRAM - 0-10V Wired

Secondary wiring from remote driver connects to fixture leads. 0-10V dimming connects to module. 0-10V Continuous CCT connects to module and controls CCT.

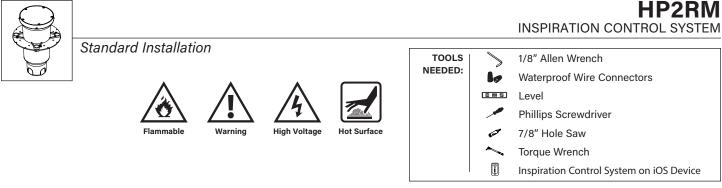
8. Re-attach cover. Tighten cover screw.

IMPORTANT SAFETY INFORMATION LISTED ON REVERSE READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS



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INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY TO PERSONS IMPORTANT SAFETY INSTRUCTIONS

Lighted fixture is HOT! WARNING - To reduce the risk of FIRE OR INJURY TO PERSONS:

Turn off/unplug and allow to cool before replacing lamp/LED. Fixture gets HOT quickly! Contact only switch/plug when turning on. Do not touch hot lens, guard, or enclosure. Keep fixture away from materials that may burn. Do not operate the luminaire fitting with a missing or damaged shield. Do not touch the source at any time. Use a soft cloth or gloves. Oil from skin may cause damage.

SAVE THESE INSTRUCTIONS

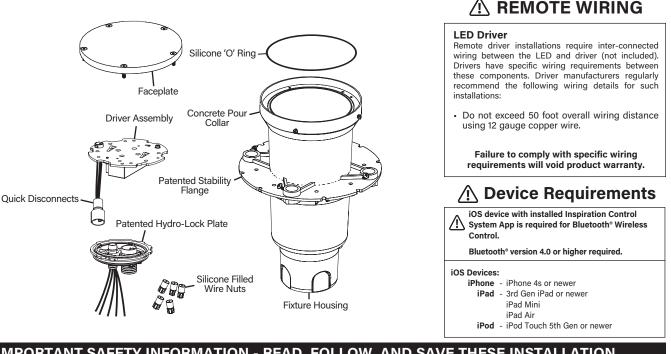
IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS

- Product must be installed by a qualified person in a manner consistent with its intended use and in compliance with the National Electrical Code, Canadian Electrical Code, and all Local and Provincial Codes.
- Follow product label information and instructions.
- Qualified Personnel with appropriate personal protective equipment must perform all servicing of this product.
- Before wiring to power supply and during servicing, turn off and lock out power at fuse or circuit breaker before service.
- The use of accessory equipment not recommended by the manufacturer or installed contrary to instructions may cause an unsafe condition. The use of damaged components may cause an unsafe condition and void product warranty.
- Do not block light emanating from product in whole or part, as
 this may cause an unsafe condition.
- Never operate the fixture with missing or damaged lens. Lens must be cleaned on regular basis.
- Entire fixture may become extremely hot. Do not touch hot lens or fixture body.
- Replace LED assembly only with correct wattage and type of power supply appropriate for LED assembly.
- All gaskets, o-rings and sealing surfaces must be kept clean during installation and service; failure to do this may cause an unsafe condition and void product warranty.

IMPORTANT LISTINGS AND CERTIFICATIONS

· Suitable for wet locations · Suitable for recessed in ground locations

Proper soil preparation is recommended before installation. See the DIG-IT guide at <u>www.bklighting.com/collaterals/install/digit.pdf</u> for more information.



IMPORTANT SAFETY INFORMATION - READ, FOLLOW, AND SAVE THESE INSTALLATION INSTRUCTIONS



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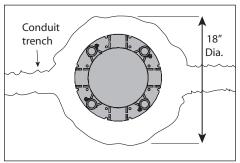


🕂 iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.

Conduit Trench

Soil Prep

2.



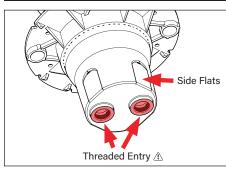
- Determine Soil Type by referencing DIG-IT Guide. 1.
 - Dig hole 18" wide and 18" deep.
- 3. Prep soil according to DIG-IT Guide.

for Housing

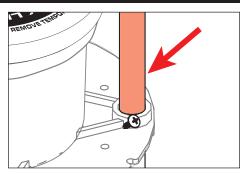


SCAN WITH SMART DEVICE OR CLICK THE BAR CODE FOR ONLINE DIG-IT GUIDE

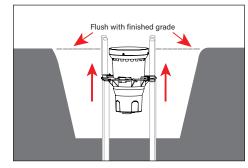
Housing Installation



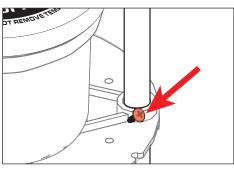
- 1. Connect branch conduit connectors (not included) to the junction box using either the threaded conduit entries on the bottom of the junction box or through holes drilled into the sides of the junction box.
- $\underline{\wedge}$ Recommend 7/8" hole saw to open threaded entry hole.
- Place housing in hole. Align junction box in the path 2. of the conduit trench.



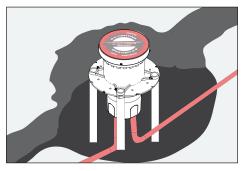
- Insert four (4) pieces of $\frac{1}{2}$ " PVC/EMT conduit through the stability flange. Hammer into substrate 3. until secure
- ▲ Leave sufficient clearance to elevate housing to finished grade.



4. Raise housing on PVC/EMT so housing is flush with finished grade. Use a level to aid in housing installation.



5. When housing is level, tighten screws on stability flange to secure housing to PVC/EMT. Remove excess PVC/EMT as needed.



6. Pull primary branch circuit wiring into junction box.

IMPORTANT SAFETY INFORMATION LISTED ON REVERSE READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS



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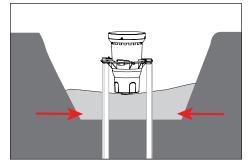
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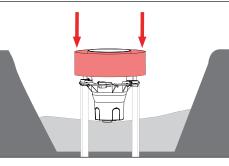
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Not sevice (Not Included) with installed B-K Lighting Inspiration Application required for use.

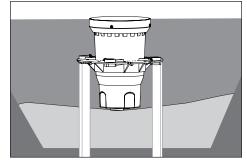


Per DIG-IT Guide, backfill hole based off of 7. determined soil type.



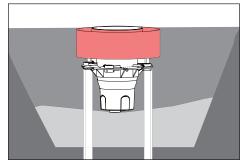
OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

7. Fill partway, then place grout mask around housing, centered at faceplate. Insert stakes through stability flange. Top of grout mask should be flush with grade.



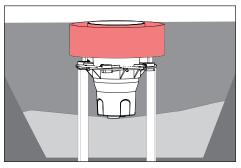
For soil installation: Fill and tamp soil to the 8. appropriate height leaving room for sod, pavers, etc. to be level with the top of the temporary cover.

▲ Soil installation is not drive-over rated.



OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

- For soil installation: Fill and tamp soil to the 8. appropriate height leaving room for sod, pavers, etc. to be level with the top of the temporary cover.
- ▲ Soil installation is not drive-over rated.
- 000000
- For concrete installation: Fill the hole around the fixture housing to 12" below the finished grade with 9. clean fill dirt and tamp carefully to prevent settling of fixture. Pour concrete and finish as required flush with the top surface of the temporary cover.



OPTIONAL GROUT MASK INSTALLATION (IF ORDERED)

9. For concrete installation: Fill the hole around the fixture housing to 12" below the finished grade with clean fill dirt and tamp carefully to prevent settling of fixture. Pour concrete and finish as required flush with the top surface of the grout mask.

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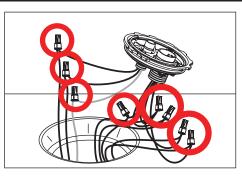
Standard Installation

🕂 iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.

Installation



- 1. Remove temporary cover.
- 2. Pull primary branch circuit wiring into junction box.



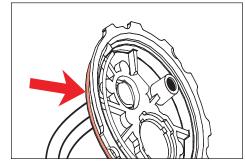
 Make connections using silicone filled wire nuts (included) to leads on the bottom of Patented HydroLock Barrier Plate Assembly. See wiring diagram(s).

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	Hydrolock	
DIM +	Hydrolock Plate	
DIM -		
FIXTURE +		
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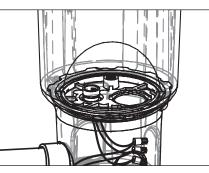
WIRING DIAGRAM - Wireless Bluetooth[®] Controls with Inspiration Application on iOS device

iOS device controls dimming, CCT, Saturation, and Hue using Bluetooth $^{\circ}$ wireless controls and the application.

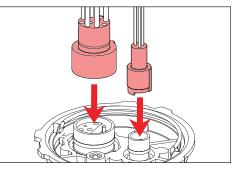
⚠ iOS device (iPad, iPod, iPhone) with installed B-K Lighting Inspiration application is required.



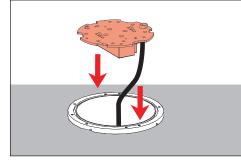
4. Wipe inside of housing where HydroLock plate will sit clean of debris before inserting patented HydroLock plate on to junction box. Align HydroLock plate with pins in housing and seat it firmly in place.



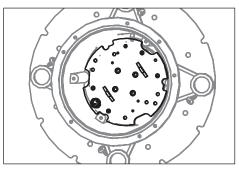
- 5. Turn HydroLock Barrier Plate clockwise ¹/₄" to lock.
- Patented HydroLock Barrier Plate must be completely seated to ensure proper seal or water may intrude. This step must be done as stated or you will void your warranty.



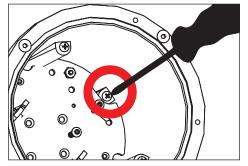
6. Connect driver assembly to Patented HydroLock Barrier plate with quick disconnects.



7. Lower driver assembly into HP2 housing.



8. Attach driver assembly to housing by aligning keyhole notch under one (1) of three (3) #8 screw heads.



9. Tighten the phillips screws to secure driver plate to housing.

IMPORTANT SAFETY INFORMATION LISTED ON REVERSE READ, FOLLOW, AND SAVE ALL SAFETY AND INSTALLATION INSTRUCTIONS



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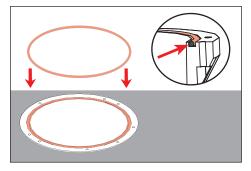
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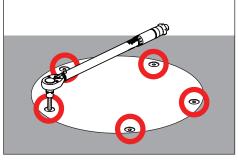
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iOS device (Not Included) with installed B-K Lighting Inspiration Application required for use.



- 10. Remove any dirt or debris in o-ring groove near top of housing. Place o-ring inside of groove.
- $\underline{\wedge}$ Failure to clean groove of debris will cause fixture to fail and void product warranty.



- Install faceplate using a 1/8" allen wrench and hand-tighten the faceplate screws in a star pattern to 30 in-lbs. min.
- $\underline{\wedge}$ Do not use a power tool to install screws. Do not exceed 40 in-lbs.

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