



## Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

**WARNING:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

**NOTE:** All wiring must be done by a qualified electrician.

Luminaires provided with receptacle outlet panel, (42A-ROP / 42A-ROP-L), shall be provided with instructions to install weather resistant receptacles suitable for wet locations.

**KEEP THIS SHEET FOR FUTURE REFERENCE.**

**Tools Required:**

- 1/8" Hex Key
- 9/16" Deep Socket, 6- or 12- point
- Drive Ratchet
- Socket Extension, 2" min. length

**!** Make certain electrical supply is **OFF** before starting fixture installation.



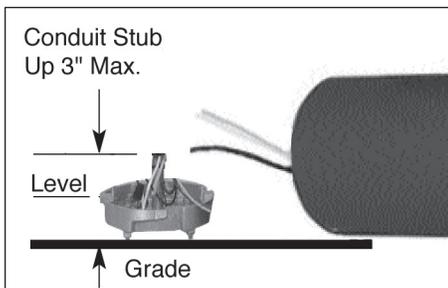
**1.** Install the base casting on the preset anchor bolts. Use flat washers and hex nuts above the base casting.



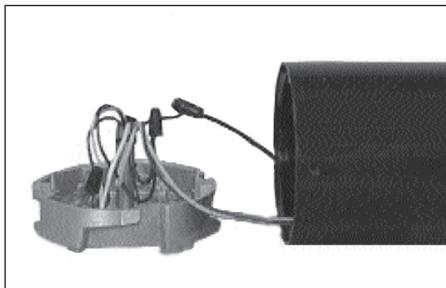
**2.** Level the top edge of the casting with washers as needed.



**3.** Tighten the upper nuts using a 9/16" deep socket



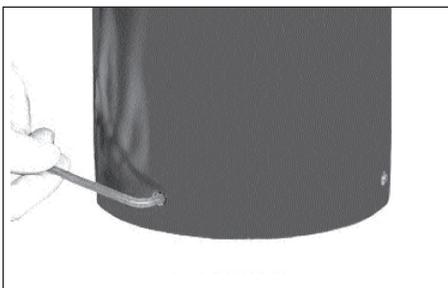
**4.** To protect finish, lay fixture horizontally on a soft cloth with open end of fixture next to installed base casting.



**5.** Pull fixture wires out from inside of riser and make connections to field wires, i.e. green-to-ground, white-to-common and black-to-voltage.



**6.** Lower the pole body over the base casting. Turn the bollard to the desired orientation.



**7.** Tighten four 1/4" - 20 set screws at the bottom of the pole using a 1/8" hex key. Grout the base.

### For Optional Battery Backup

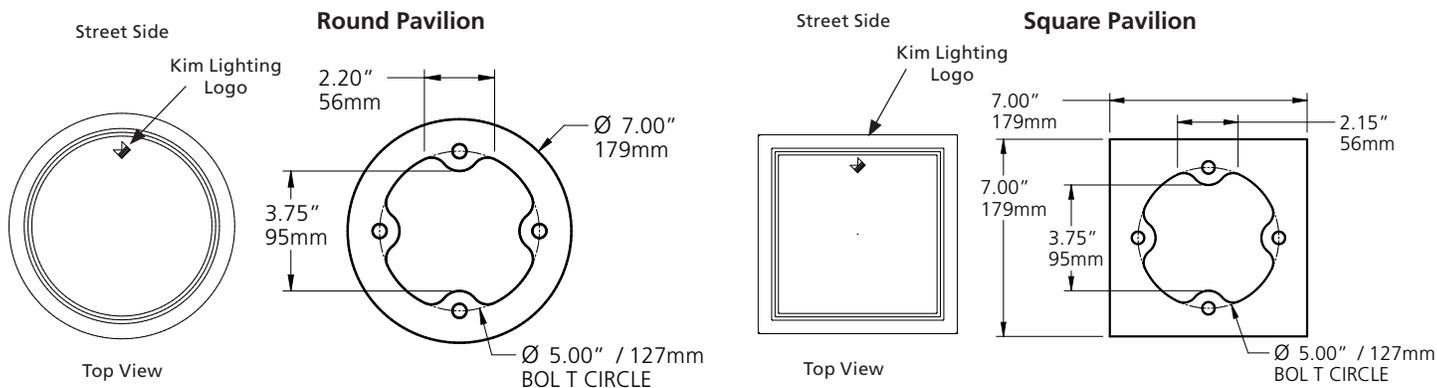
Connect the power supply leads to the driver input leads, white-to-common and black-to-voltage, black "Un-switched to AC Power" lead to an un-switched AC power source of 100-277V AC.

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## MOUNTING

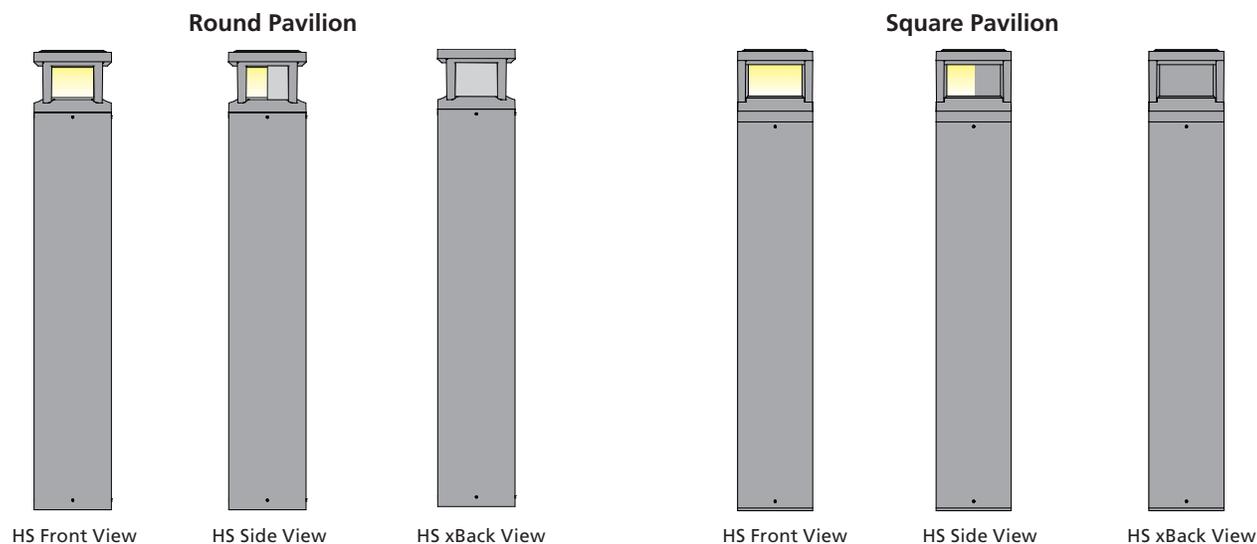
### ALUMINUM BODY

Once attached to base mounting plate, fixture may be rotated 20° in either direction and secured with set screws at base of the bollard body. KIM Lighting logo indicates 'street side' output



## Shielding

HS configurations feature factory installed 180° shield(s) that may also be installed in the field for any Optic configuration

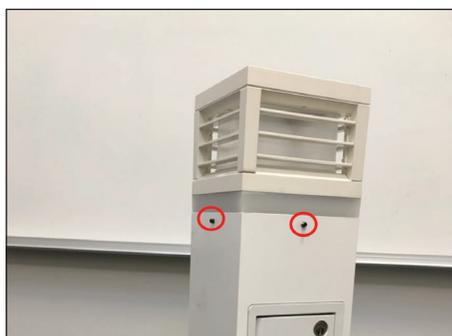
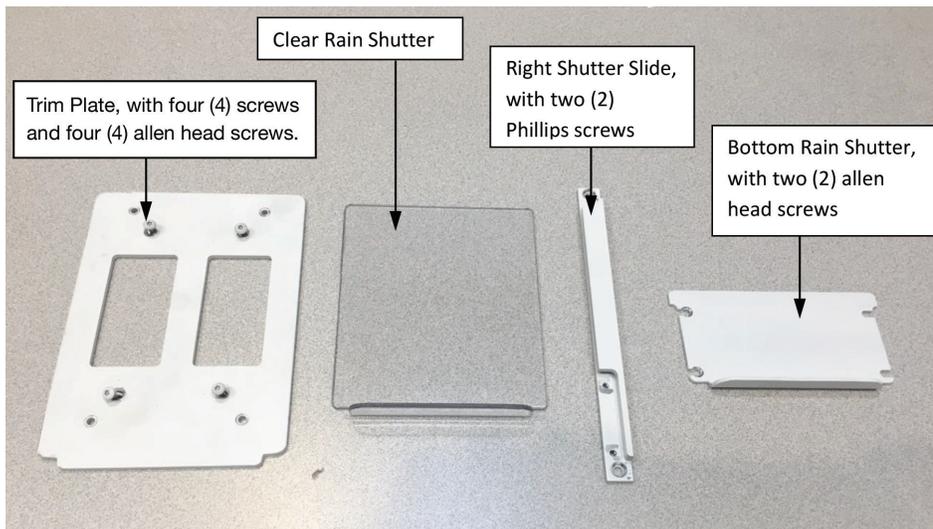


# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

- Tools Required:**
- 5/64" Allen Wrench
  - #2 phillips screwdriver
  - 1/8" Allen Wrench
  - T10 Torx driver

 Personal protection equipment as mandated. Make certain electrical supply is **OFF** before starting fixture.

Supplies provided:



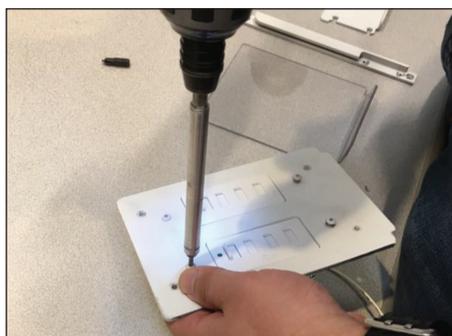
**1.** Turn off power to the lighting fixture. Remove the bollard head by loosening the four (4) set screws which secure it.



**2.** Lift the bollard head from the bollard body. Disconnect the electrical wires that link the head to the body.



**3.** Pre-wire the customer-supplied receptacles. It is the customer's responsibility to specify receptacles which are compatible with the light fixture's supply voltage / current.



**4.** Mechanically-secure the receptacles to the trim plate, using the supplied Torx screws.



**5.** Electrically connect the receptacle wires to the light fixture's supply wires.



**6.** Mechanically secure the receptacles and trim plate into the charging compartment, using the Allen head screws.

# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions



**7.** Insert the Clear Rain Shutter into the (factory-installed) Left Shutter Slide. Note the orientation of the Clear Rain Shutter's flange.



**8.** Slide the Clear Rain Shutter upward, and hold it in this open position. This will provide tool clearance for the subsequent installation steps..



**9.** Insert the Right Shutter Slide, and secure it with the two (2) Phillips screws.



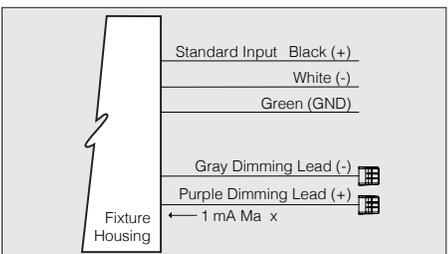
**10.** Insert the Bottom Rain Shutter, and secure with the two (2) Allen head screws. Note the orientation of the Lower Rain Shutter.



**11.** Allow the Clear Rain Shutter to lower itself and rest upon the Bottom Rain Shutter.



**12.** Re-install the light fixture's head by re-attaching the electrical connections, and re-installing the four (4) set screws:



## 0-10V DIMMING

Driver has a 0-10V dimming interface with a dimming range of 10-100%. Is compatible with most control systems including Hubbell Building Automation wiHUBB™. Approved dimmers include Lutron Diva AVTV, Lutron Nova NFTV and NTFTV. Note: Not compatible with current sourcing dimmers. Controls compatible via Gray and Purple dimming lead.

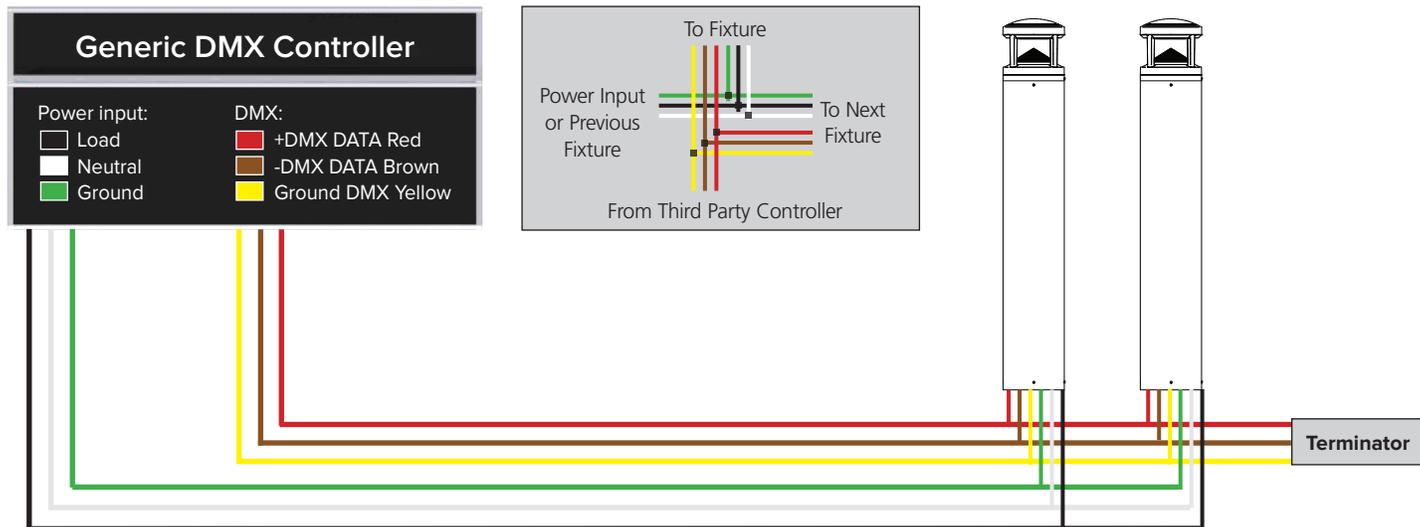
## BATTERY BACKUP

If your fixture includes Battery Backup Option, an additional power wire is included labeled "Unswitched Power". This lead must be connected to an unswitched power source running 120-277 VAC to function properly.

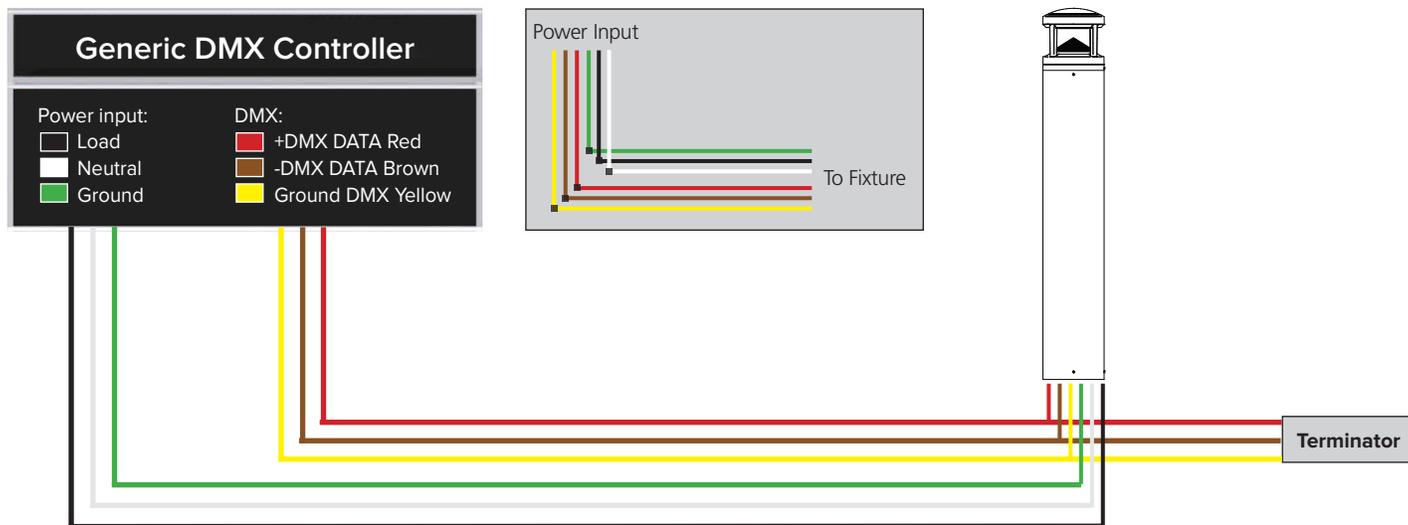
# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

DMX fixtures can be hardwired with a single fixture layout or daisy chained for multiple fixture layout.

## DMX WIRING MULTIPLE FIXTURES



## DMX WIRING SINGLE FIXTURE



## DMX ADDRESS

Address +1	Red Channel - Intensity = 0-255 Intensity → 0-100% brilliance
Address +2	Green Channel - Intensity = 0-255 Intensity → 0-100% brilliance
Address +3	Blue Channel - Intensity = 0-255 Intensity → 0-100% brilliance
Address +4	White Channel - Intensity = 0-255 Intensity → 0-100% brilliance

- DMX and Power cables must NOT be run in the same conduit.
- A DMX Terminator is required at the end of each run. A 121 ohm resistor can be connected across the DMX+ and DMX- wires to maintain data integrity
- Fixture cabling from Control Box to fixture shall be installed per NEC and Local Codes.

For more information about DMX click here: [Hubbell DMX White Paper](#)

# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

**APPLE IOS (Hubbell RGBW Connect App)** - (Refer to device compatibility chart to insure that your device is compatible). Intent RGBW luminaire can be controlled wirelessly via Bluetooth® using the Hubbell RGBW Connect App. The App requires an Apple device supporting Bluetooth® low energy (BLE). If Bluetooth(R) app will be used and not DMX hardwiring, cap off remaining unused wires together with remaining wire nuts.

## To Set Up And Enable Wireless Controlled Optics:

1. For Apple iOS devices, go to the Apple App Store, search for Hubbell Lighting, and download the Hubbell RGBW Connect App.
2. Check your device "Settings" and make sure your Bluetooth is turned on.
3. Plug-in/turn on power supply to your Pavilion RGBW luminaire(s).
4. Open Hubbell RGBW Connect App
5. Tap on the Bluetooth symbol in the bottom right hand corner of the screen on the navigation bar.
6. Under "Available Devices" select/tap on the device that you wish to pair up with. The luminaire in your closest proximity will be the highest on the list. Enter security code supplied in product documentation\*.

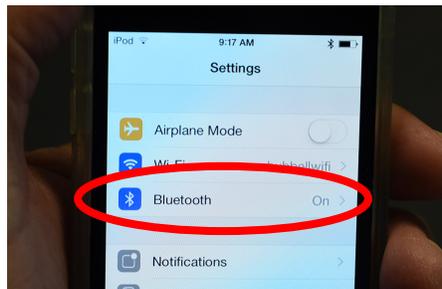
**(Note: the maximum pairing range is 10 to 15 feet (3 m to 4.5 m) from luminaire.)** If you get locked out of the App when you enter a wrong password - Exit the App, Clear the Cache and enter "KIMLTG". See Page 10 for instructions to clear Cache.

7. The fixture will pulse twice to confirm your connection.
8. To change the default security PIN, swipe to the left on the paired device and tap on the lock/key symbol. A box will pop up, allowing you to change/save a new password.

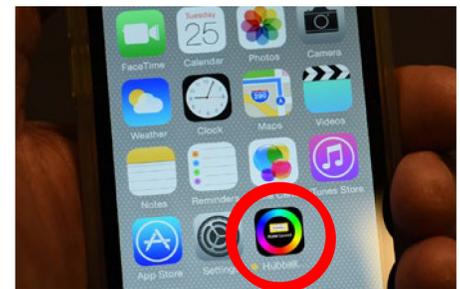
**(Note: If you change the password, it is imperative that you write it down for easy recall and keep it in a secure place. Resetting the password will require the fixture to be sent back to the factory.)**

## Grouping Fixtures:

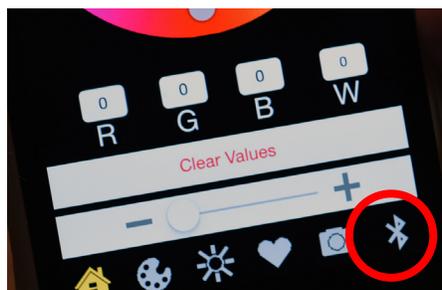
9. To create a group, first execute steps 6 and 7 above to pair up with as many "Available Devices" as you would like. Then, tap the (+) symbol to the right of where it says "Groups" on the screen. You will now see that there is a "Group 0" under the "Groups" section.
10. Next, swipe to the left over the first paired device that you would like to place into "Group 0". There is an icon that looks like a satellite. Tap on the satellite and a dialogue box will pop up asking which group you would like to place the paired device in (Group 0 will be your only option but as you create new "Groups" they will all be listed here). Tap on "Group 0" and that fixture is now in that group.
11. Repeat step 10 to place each device that you are paired up with into the group. Note, the total number of devices in a group are indicated next to the pencil symbol to the right of the group name. The first number indicated how many fixtures in the group you are paired with



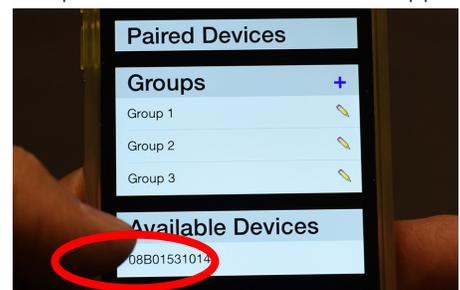
2. Turn on Bluetooth.



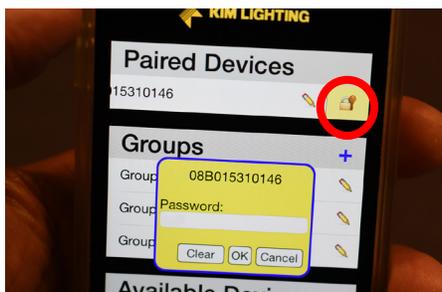
4. Open Hubbell RGBW Connect App.



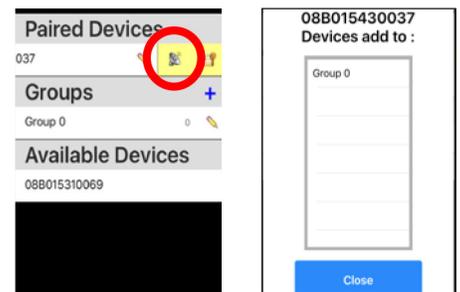
5. Click the connect icon.



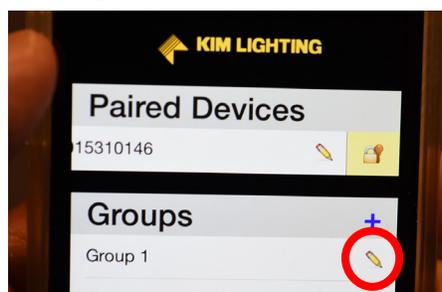
6. Select Device.



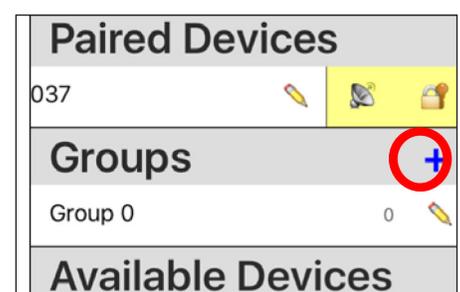
8. Change PIN and save.



10. Swipe paired device left, tap satellite.



12. Tap pencil to rename group.



14. Tap blue "+" symbol pencil to add additional groups.

and the second number is the total number of fixtures in a group. For example, 10/12 would indicate that you have 12 fixtures in the group but you are only paired to/in range with 10 fixtures.

12. To rename a group, simply tap the "pencil" symbol to the right of the group you would like to rename, delete the default group name (i.e. Group 1, Group 2, etc.), and type in the new name.
13. To delete groups, swipe to the left over a group and tap the "X" in the green box.

14. To add additional groups, tap the blue "+" symbol to the right of the "Groups" header and a new blank/empty group will be added to the list. Once you tap on a Group to "pair up" with it, it will move from under the "Groups" heading to under the "Paired Devices" heading indicating that you are pairing up to all the fixtures within the group that are within range.

\* For Bluetooth pairing PIN see label near the serial number on the fixture or contact the factory or your agent.

# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

## APPLE iOS (Cont. from previous page)

### Three Ways to Select Color:

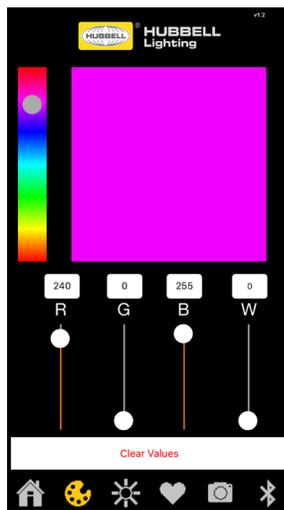
#### 15. From "Color Wheel"

Tap on the "House/Home" symbol in the bottom left side of the screen on the navigation bar.

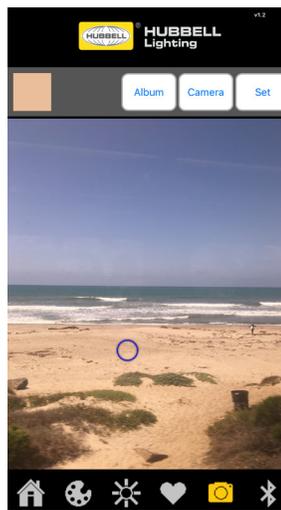
Rotate your finger around the color wheel until you find your desired color.

#### 16. From "Color Palette"

Tap on the painters "color palette" symbol on the navigation bar at the bottom of your screen. You can either swipe your finger up and down the "color bar" on the left of the screen to choose your desired color, you can create your perfect color by individually moving the RGBW bars up and down until you reach the result you were looking for, or in each of the white boxes above each color slider, you can type in a specific RAL number/value if you know the specific color you are looking for.



16. Select a color.



17. Select color from a camera or a photo.

#### 17. From "Camera"

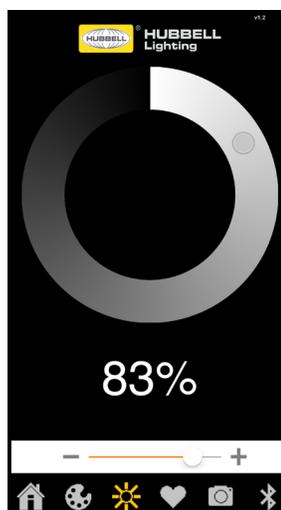
Tap on the "Camera" symbol on the navigation bar running along bottom of the screen. Across the top, there are 2 buttons that you can select:

**Album Button** – Click on to enter your device's photo album. Tap on/Select a photo that contains a color you would like to use. Once photo is opened, drag finger across your screen in order to move the "blue circle" over the color you would like to use from the photo. Tap "Set" and the luminaire will immediately change to that color.

**Camera Button** – Select, and your device's camera will open up. Take a photo of something that contains a color that you would like the Pavilion RGBW luminaire to match. Drag finger across your device's screen/photo to move the "blue circle" over the color you would like to use. Once you find the color, tap "Set" and the luminaire will immediately change to that color.



18. Save preset.



23/24. Adjust intensity.

### Save A Preset Color:

18. Adjust the luminaire to a color you would like to save for future use. Tap on the "Heart" symbol located on the middle-right of the navigation bar running along the bottom of your device's screen.

19. To save your color, swipe to the left over one of the default presets and tap the "check mark" symbol.

20. Your color is now saved in preset slot.

Wait 10 seconds before unpairing to save your selected color.

21. To "Rename" a preset color, tap the "pencil" symbol adjacent to the color it represents, delete the default preset name (i.e. Preset 01, Preset 02, etc.), and name your new preset color whatever you would like.

### Adjust Intensity/Dim:

22. Tap on the "Star burst" symbol located on the middle-left of the navigation bar running along the bottom of your device's screen.

23. Rotate your finger around the perimeter of the "Intensity Wheel" to achieve your desired dim/intensity setting.

### Dimming:

24. Dimming/adjusting the intensity can also be achieved by sliding the bar between the plus and minus symbols back and forth.

# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

**ANDROID OS (Hubbell RGBW BT Remote App)** - (Refer to device compatibility chart to insure that your device is compatible). Pavilion RGBW luminaire can be controlled wirelessly via Bluetooth® using the Hubbell RGBW BT Remote app. The App requires an Android device supporting Bluetooth low energy (BLE). If Bluetooth(R) app will be used and not DMX hardwiring, cap off remaining unused wires together with remaining wire nuts.

## To Set Up And Enable Wireless Controlled Optics:

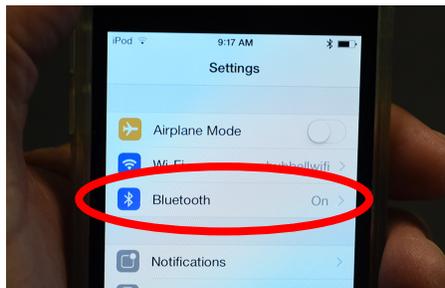
1. For Android devices, go to Google Play and download the Hubbell RGBW BT Remote app.
2. Check your device "Settings" and make sure your Bluetooth is turned on.
3. Plug-in/turn on power supply to your Pavilion RGBW luminaire(s).
4. Open Hubbell RGBW BT Remote app.
5. Tap on the Bluetooth symbol in the bottom right hand corner of the screen on the navigation bar.
6. Under "Available Devices" select/tap on the device that you wish to pair up with. The luminaire in your closest proximity will be the highest on the list. Enter security code supplied in product documentation\*.  
(Note: the maximum pairing range is 10 to 15 feet (3 m to 4.5 m) from luminaire.) If you get locked out of the App when you enter a wrong password - Exit the App, Clear the Cache and enter "KIMLTG". See Page 10 for instructions to clear Cache.
7. The fixture will pulse twice to confirm your connection.

8. To change the default security PIN, swipe to the left on the paired device and tap on the lock/key symbol. A box will pop up, allowing you to change/save a new password.

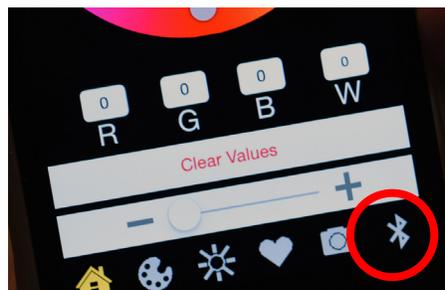
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## Grouping Fixtures:

9. To create a group, first execute steps 6 and 7 above to pair up with as many "Available Devices" as you would like. Then, tap the (+) symbol to the right of where it says "Groups" on the screen. You will now see that there is a "Group 0" under the "Groups" section.
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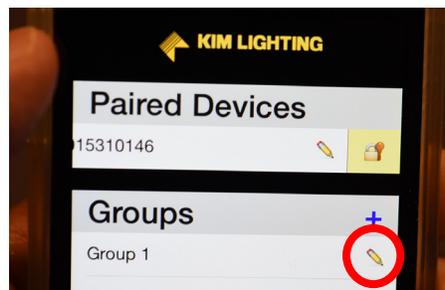
2. Turn on Bluetooth.



5. Click the connect icon.



8. Change PIN and save.

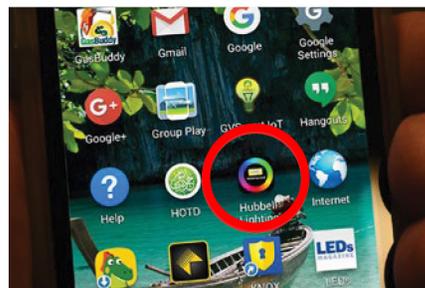


12. Tap pencil to rename group.

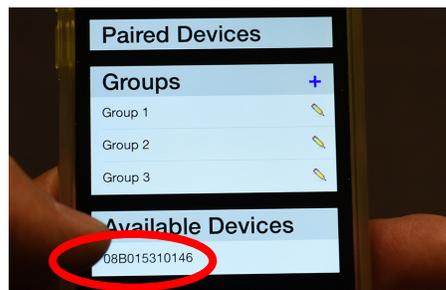
fixtures in the group you are paired with and the second number is the total number of fixtures in a group. For example, 10/12 would indicate that you have 12 fixtures in the group but you are only paired to/in range with 10 fixtures.

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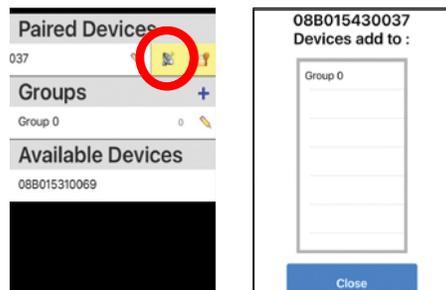
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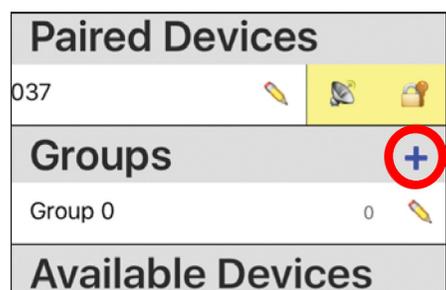
4. Open the KIM RGBW BT Remote app.



6. Select Device.



10. Swipe paired device left, tap satellite.



14. Tap blue "+" symbol pencil to add additional groups.

14. To add additional groups, tap the blue "+" symbol to the right of the "Groups" header and a new blank/empty group will be added to the list. Once you tap on a Group to "pair up" with it, it will move from under the "Groups" heading to under the "Paired Devices" heading indicating that you are pairing up to all the fixtures within the group that are within range.

\* For Bluetooth pairing PIN see label near the serial number on the fixture or contact the factory or your agent.

# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

## ANDROID OS (Cont. from previous page)

### Three Ways to Select Color:

#### 15. From "Color Wheel"

Tap on the "House/Home" symbol in the bottom left side of the screen on the navigation bar.

Rotate your finger around the color wheel until you find your desired color.

#### 16. From "Color Palette"

Tap on the painter's "color palette" symbol on the navigation bar at the bottom of your screen. You can either swipe your finger up and down the "color bar" on the left of the screen to choose your desired color, or you can create your perfect color by individually moving the RGBW bars up and down until you reach the result you were looking for.

#### 17. From "Camera"

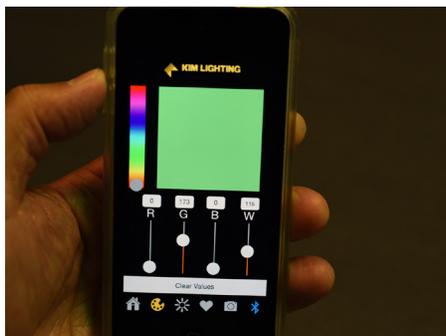
Tap on the "Camera" symbol on the navigation bar running along bottom of the screen. Across the top, there are 2 buttons that you can select:

**Album Button** – Click on to enter your device's photo album. Tap on/Select a photo that contains a color you would like to use. Once photo is opened, drag finger across your screen in order to move the "blue circle" over the color you would like to use from the photo. Tap "Set" and the luminaire will immediately change to that color.

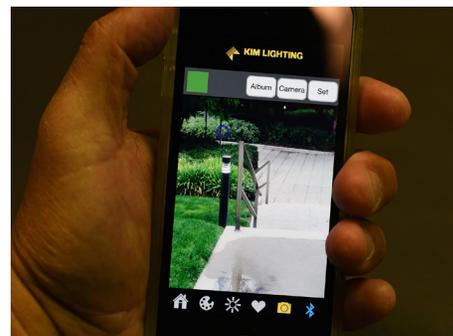
**Camera Button** – Select, and your device's camera will open up. Take a photo of something that contains a color that you would like the Pavilion RGBW luminaire to match. Drag finger across your device's screen/photo to move the "blue circle" over the color you would like to use. Once you find the color, tap "Set" and the luminaire will immediately change to that color.

### Save A Preset Color:

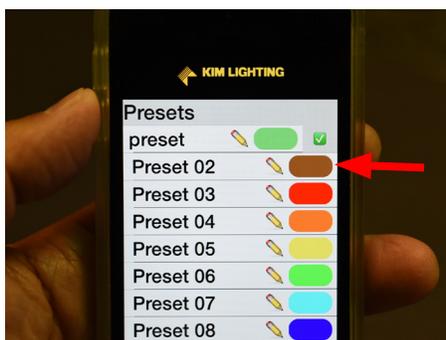
18. Adjust the luminaire to a color you would like to save for future use. Tap on the "Heart" symbol located on the middle-right of the navigation bar running along the bottom of your device's screen.
19. To save your color, swipe to the left over one of the default presets and tap the "check mark" symbol.
20. Your color is now saved in preset slot. **Wait 10 seconds before unpairing to save your selected color.**
21. To "Rename" a preset color, tap the "pencil" symbol adjacent to the color it represents, delete the default preset name (i.e. Preset 01, Preset 02, etc.), and name your new preset color whatever you would like.



16. Select a color.



17. Select color from a camera or a photo.



18. Save preset.



23/24. Adjust intensity.

### Adjust Intensity/Dim:

22. Tap on the "Star burst" symbol located on the middle-left of the navigation bar running along the bottom of your device's screen.
23. Rotate your finger around the perimeter of the "Intensity Wheel" to achieve your desired dim/intensity setting.

### Dimming:

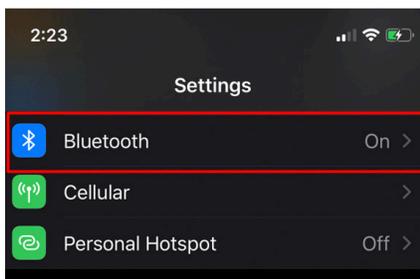
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# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

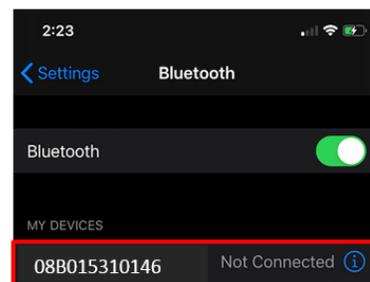
## APPLE iOS Cache

### Clearing the cache:

1. If you are locked out of the Hubbell RGBW Remote App when you enter the wrong password Exit the App, Clear the Cache by following the steps below–
2. For an iOS Device, Click on Settings > Bluetooth.
3. Click on of the  of Device.
4. Click on "Forget this Device"
5. Go back to the Hubbell RGBW App  pair the device again.



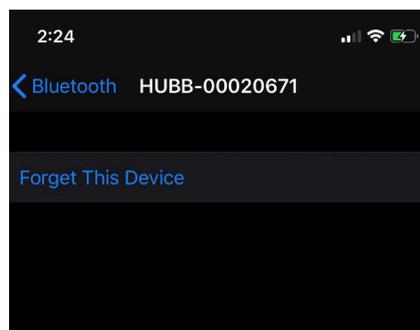
2. Turn on Bluetooth.



3. Information button

### Saving your selected color.

1. Wait 10 seconds before unpairing to save your selected color.

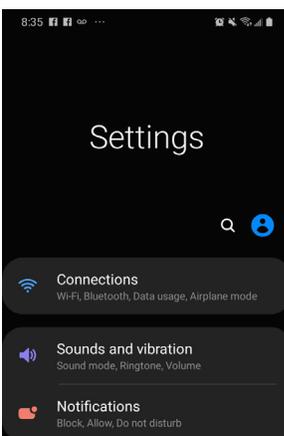


4. Forget Device.

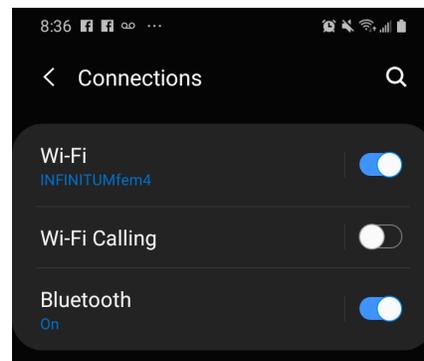
## ANDROID OS Cache

### Clearing the cache:

1. If you are locked out of the Hubbell RGBW Remote App when you enter the wrong password Exit the App, Clear the Cache by following the steps below–
  2. For an Android Device, Click on Settings > Bluetooth.
  3. Click unpair.
  5. Go back to the Hubbell RGBW App  and pair the device again.
- Go back to the Hubbell RGBW App and pair the device again.



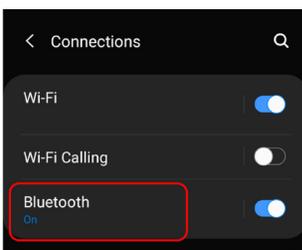
2. Turn on Bluetooth.



3. Information button

### Saving your selected color.

1. Wait 10 seconds before unpairing to save your selected color.



4. Forget Device.

# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

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## Trouble pairing device and KIM REMOTE with fixture.

1. When pairing initially, stand as close as possible to the fixture.
2. Power down fixture for 15 seconds and power back on.
3. Pair one device at a time.
4. Close app. To do this on an Android device go to Settings > Applications (or Application Manager) > Downloaded > KIM REMOTE > Force Stop. To do this on an Apple device (iOS 7): Push home button twice, find KIM REMOTE app, hold the app icon and swipe up. To do this on an Apple device (iOS 6): Push home button twice, find KIM REMOTE app, tap the X to close.
5. We recommend using one type of bluetooth device (apple or android) when pairing. When pairing multiple types of devices with the same fixture, power down the fixture for 15 seconds before switching devices.
6. A phone case/cover may interfere with the Bluetooth signal. Removing your case can significantly improve connectivity.

## Saving your selected color.

1. Wait 10 seconds before unpairing to save your selected color.

## Why did my dimming settings change?

The advanced electronics inside the Pavilion Bollard are designed to retain your settings for both dimming and aiming.

**Note:** Each time you **connect** to the fixture with the KIM REMOTE app, dimming settings are automatically reset to 100%. Please follow the following step.

1. Power on fixture.
2. Pair and **Connect** device.
3. Aim and set dimming.
4. **Disconnect** the device. (This will store your settings in memory)
5. Once settings are stored the fixture does not require power to retain settings.

## NOTE Saving prior color and dim state:

The Pavilion Bollard has a unique feature that "saves" the last state colored light output commanded of it. The command can come via Bluetooth App, or DMX, so that the next time the unit is powered on, it will output that saved value. In order for this feature to work, after making your changes on either Bluetooth or DMX, **do not make any changes to the state for at least 10 seconds before disconnecting the Bluetooth app, removing the DMX signal, or powering down the Pavilion Bollard unit.** This delay is necessary for the Pavilion Bollard to detect that no changes are happening, and it is safe to log the last state to memory.

For warranty see <http://www.hubbellighting.com/resources/warranty>



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# Kim Pavilion 7" Bollard, Charging Receptacle Installation Instructions

## Installation warnings and cautions for standard product Avertissements d'installation et mises en garde

-  **WARNING:** Make certain all electrical supply is OFF before starting installation or beginning maintenance procedures.
-  **AVERTISSEMENT:** S'assurer que toute alimentation possible est COUPÉE avant de commencer l'installation ou l'entretien.
-  **WARNING:** Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.
-  **AVERTISSEMENT:** Les appareils doivent être mis à la terre en conformité avec le Code canadien de l'électricité et les codes locaux. Une non-conformité pourrait conduire à des blessures graves.
-  **WARNING:** To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.
-  **AVERTISSEMENT:** Pour empêcher l'endommagement ou l'éraflure des fils, empêchez tout contact avec les rebords des parties métalliques.
-  **MAINTENANCE:** A regularly scheduled maintenance program should be established to retain optimum light output and reduce heat retention. Dusting with a soft, clean, dry cloth is normally sufficient for the reflector.
-  **ENTRETIEN:** Un programme d'entretien régulier devrait être établi pour conserver la luminosité optimale et réduire l'accumulation de chaleur. Un chiffon doux et propre est normalement suffisant pour dépoussiérer le réflecteur optique. Ne pas utiliser de produit nettoyant alcalin ou acide sur les surfaces du réflecteur.
-  **NOTE:** All wiring must be done by a qualified electrician.
-  **REMARQUE:** Tout le câblage doit être fait par un électricien certifié.
-  **CAUTION:** LED fixtures are available in 120 volt input or 277 volt input. Please verify before wiring fixture to field wires. (see lamp label to verify).
-  **MISE EN GARDE:** Les appareils d'éclairage à DEL sont offerts pour alimentation à 120 V ou 277 V. Veuillez vérifier avant de raccorder (voir l'étiquette de l'appareil pour confirmer).
-  **WARNING:** The H.I.D./Fluorescent fixtures utilizes a lamp that may contain mercury. For information on disposal of lamp go to website: [www.lamprecycle.org](http://www.lamprecycle.org).
-  **AVERTISSEMENT:** Les appareils d'éclairage à décharge à haute intensité ou à fluorescents peuvent contenir du mercure. Pour l'information de disposition des ampoules/tubes, visitez le site Web: [www.lamprecycle.org](http://www.lamprecycle.org).
-  **CAUTION:** Lighted lamp is HOT! Do not touch hot lens, guard or enclosure. DO NOT operate fixtures with missing or damage lens.
-  **MISE EN GARDE:** Les ampoules allumées sont CHAUDES! Ne pas toucher leur lentille de diffraction, garde protectrice ou le boîtier. NE PAS allumer d'appareil d'éclairage dont la lentille serait absente ou endommagée.
-  **WARNING:** Photocell, if used, must match input voltage to ballast.
-  **AVERTISSEMENT:** Toute cellule électrique utilisée doit être de la même tension que le ballast.
-  **CAUTION:** For H.I.D. fixtures, label must indicate the same electrical data as the ballast label. Use only the lamp type and wattage shown on the fixture label in the reflector. **Attention:** If fixture is equipped with a multi-tap ballast and if not voltage was specified on the purchase order, the ballast has been wired for operation on a 277 volt circuit (347V for Canada). If other than 277 volts is required, i.e. 120v, 208v, 240v, connect incoming voltage lead to selected voltage lead on ballast.
-  **MISE EN GARDE:** Pour les appareils d'éclairage à décharge à haute intensité, la tension indiquée sur l'étiquette doit être la même que celle indiquée sur l'étiquette du ballast. N'utiliser que des ampoules de type et de puissance indiquées à l'étiquette du réflecteur de l'appareil. **Attention:** Si l'appareil est muni d'un ballast multiprises et que la tension n'a pas été définie sur le bon de commande, le ballast a été câblé pour une tension de 347 V (277 V aux États-Unis). Si l'alimentation est de tension différente que 347 V (120 V, 208 V ou 240 V), raccorder le câble d'alimentation au fil de la bonne prise sur le ballast.
-  **SAFETY WARNING FOR QUARTZ LAMPS:** Fixtures can become very HOT depending on the lamp wattage used. Glass lenses and metal areas above and around the lamp can become HOT enough to blister hands. When relamping fixtures avoid touching quartz lamp envelope with bare hands. If touching the lamp is necessary during installation, clean the envelope with alcohol and dry with clean, soft cloth before burning. Contamination of the envelope may reduce lamp performance.
-  **DIRECTIVE DE SÉCURITÉ POUR LES AMPOULES QUARTZ-HALOGÈNE:** Selon la puissance des ampoules utilisées, ces appareils d'éclairage peuvent devenir très CHAUDS. La lentille de verre et les zones métalliques au-dessus et autour de l'ampoule peuvent devenir suffisamment CHAUDES pour brûler la peau. Lors du remplacement d'ampoules ne pas manipuler celles-ci à mains nues. S'il y a contact des doigts sur l'enveloppe de verre de l'ampoule, nettoyez-la avec de l'alcool et essuyez avec un linge propre et doux avant de l'allumer. La contamination de l'enveloppe réduirait la performance de l'ampoule.

For warranty see <http://www.hubbellighting.com/resources/warranty>

## Installation warnings and cautions for standard products (Continued) Avertissements d'installation et mise en garde..

 **CAUTION:** Do not alter, relocate, or remove wiring, lampholders, ballasts, or any other electrical components.

 **ATTENTION:** Ne pas modifier, déplacer ni enlever de câble, de douille de lampe, de ballast ou autre composant électrique.

 **ADDITIONAL WARNINGS**

 **AVERTISSEMENTS SUPPLÉMENTAIRES**

### For in ground fixtures

 **SAFETY WARNING: DO NOT** install these fixtures in submersible installations such as fountains or swimming pools. Extreme caution should be taken when installed in paved areas.

### Pour les appareils d'éclairage enterrés

 **DIRECTIVE DE SÉCURITÉ: NE PAS** installer ces appareils d'éclairage dans les endroits submergés comme les bassins de fontaines ou les piscines. Une extrême prudence doit être observée lors du montage sur des surfaces pavées.

 **CAUTION:** To help maintain a clean, dry splice compartment, seal the conduit entries with RTV.

 **MISE EN GARDE:** Pour garder le compartiment de jonction des fils propre et sec, scellez les entrées de conduits avec du composé RTV.

 **CAUTION:** Some fixtures are not approved for walk-over areas, reference instruction sheet supplied with fixture.

 **MISE EN GARDE:** Certains appareils d'éclairage ne sont pas approuvés pour montage dans les aires piétonnières. Se référer aux directives de la feuille fournie avec l'appareil.

### For Landscape fixtures

 **WARNING:** Portable spear or tree mounts using a cord and plug must be plugged into a receptacle protected by a Ground Fault Circuit Interrupter (GFCI) in accordance with the National Electrical Code. Failure to do so may result in serious personal injury.

### Pour appareils d'aménagement paysager

 **AVERTISSEMENT:** Selon le Code national de l'électricité, les appareils portatifs de type lance ou pour montage dans les arbres qui sont munis de cordon et fiche, doivent être branchés dans une prise à protection par disjoncteur de mise à la terre. Une non-conformité pourrait conduire à des blessures graves.

 **CAUTION:** Particular care should be taken not to locate fixtures where small children can reach them if higher wattages are used.

 **MISE EN GARDE:** Une attention particulière devrait être portée pour ne pas installer les appareils d'éclairage dans les endroits accessibles par les jeunes enfants, spécialement si la puissance de l'ampoule est élevée.

### For 12v Landscape fixtures:

 **WARNING:** To reduce the risk of fire or injury, DO NOT overdrive fixtures with greater than 12 volts or fixture overheating and short lamp life will occur. DO NOT overload the transformer by installing (or relamping) higher wattages lamps than planned. Note: Total wattage of all lamps connected to one transformer MUST NOT exceed the capacity of that transformer. DO NOT install fixtures within 10 feet (3.04m) of a pool, spa or fountain.

### Pour appareils d'aménagement paysager à 12 V

 **AVERTISSEMENT:** Pour réduire le risque d'incendie ou de blessures, NE PAS alimenter ces appareils d'éclairage à plus de 12 V car ceci conduira à une surchauffe de l'appareil et raccourcira la vie de l'ampoule. NE PAS surcharger le transformateur en utilisant des ampoules de puissance plus élevée que prévu, lors de l'installation ou des remplacements. Remarque: La puissance totale des ampoules connectées à un transformateur NE DOIT PAS excéder la capacité de ce dernier. NE PAS installer ces appareils d'éclairage à moins de 3 m (10 pi) de piscines, spas ou fontaines.

**KEEP THIS SHEET FOR FUTURE REFERENCE.  
CONSERVER LA PRÉSENTE FEUILLE POUR  
RÉFÉRENCE ULTÉRIEURE.**

For warranty see <http://www.hubbellighting.com/resources/warranty>