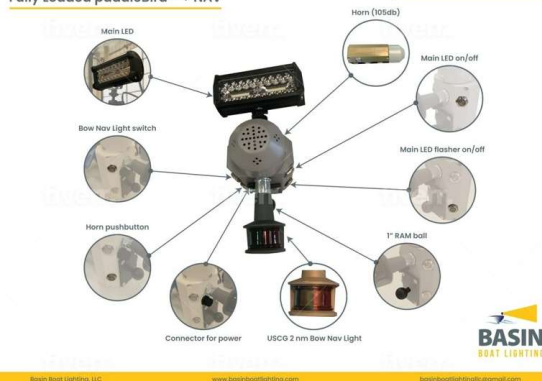


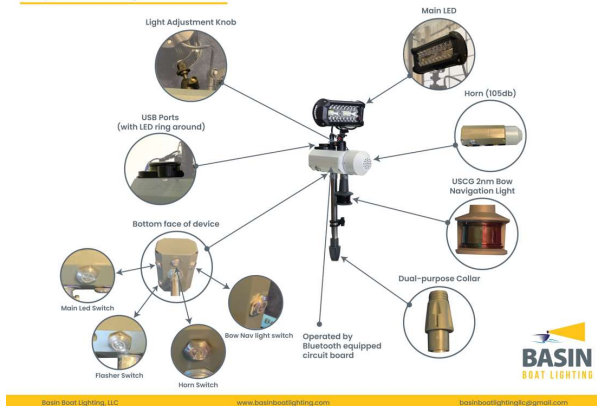


BASIN BOAT LIGHTING

Basin Boat Lighting, LLC
Safety Lighting System
Fully Loaded paddleBird™ + NAV



Basin Boat Lighting, LLC
Safety Lighting System™
Fully Loaded brightBird + NAV



ABSTRACT

Basin Boat Lighting introduces "SmartBird™".
Changing the way we play.

Brian Signorelli

Former Paramedic, Registered Nurse,
Clinical Fraud Investigator, avid
Fisherman, Mad Scientist...
Patent US D982,198S

BASIN BOAT LIGHTING, LLC

*Boat and Kayak Safety and Lighting Products.
The SmartBird™ Line of Products.*



Basin Boat Lighting, LLC Safety Lighting Systems User Manual

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*available at the website

Basin Boat Lighting, LLC

314 Tideland Road
Broussard, LA 70518
(337) 446-1221

basinboatlightingllc@gmail.com

brian@basinboatlighting.com

website: <https://www.basinboatlighting.com>



Basin Boat Lighting, LLC Safety Lighting Systems

SPECIFICATIONS

Input: 12vdc

Outputs:

120W main LED (1.4A)

105db Horn (1.5A)

Bow Nav Light (0.8A)

USB Ports (0.5vdc)

Key Fob RF remote operation of main LED (A) and Horn (B) Frequency: 433MHz

BLE operation of the Horn, main LED, main LED Flasher mode, and Bow Nav Light (iOS and Android) 2.4GHz

PCB and peripherals have been tested for Intentional and Unintentional radiators. FCC Certification available upon request and noted in product data sheets. Minimum Standards met at the following:

Unintentional Radiators (FCC Part 15, Subpart B) ANSI C63.4-2014 - 200 000 MHz

Intentional Radiators (FCC Part 15, Subpart C) ANSI C63.10-2013 - 200 000 MHz

U-NII without DFS Intentional Radiators (FCC Part 15, Subpart E)



FCC FRN: 0033565128

Product: FCC ID: 2BAZQ-BBL2023

Canada CCN: PENDING

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications - PENDING

This product meets the FCC USA technical specifications.

USCG 2nm Bow Combination Red/Green Navigation Light

Design Patent USPTO – US D982,198S



Basin Boat Lighting, LLC Safety Lighting Systems

FCC Caution

- This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
- Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

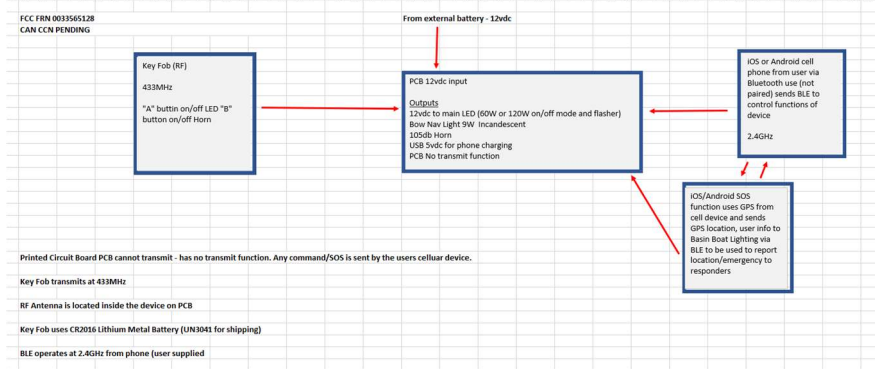
-Consult the dealer or an experienced radio/TV technician for help

***RF warning for Portable device:**

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure conditions without restriction.

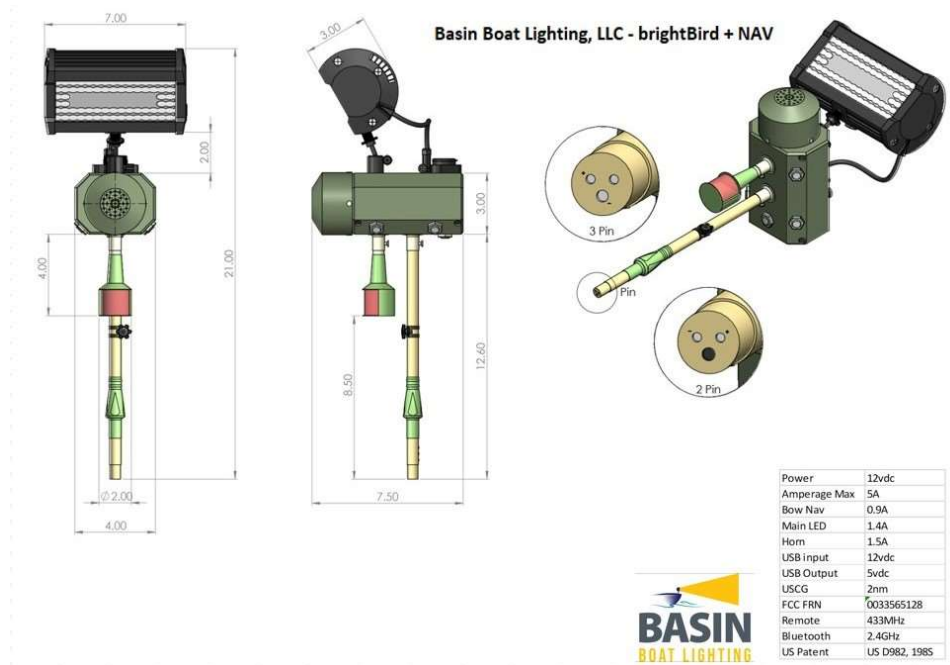
***RF warning for Mobile device:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator & your body.





Basin Boat Lighting, LLC Safety Lighting Systems



Basin Boat Lighting, LLC Safety Lighting System™ Fully Loaded brightBird + NAV



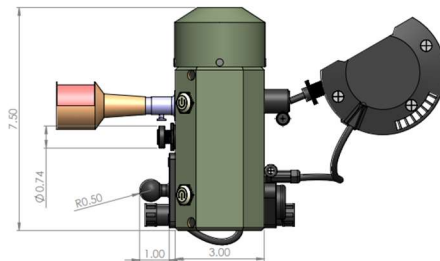
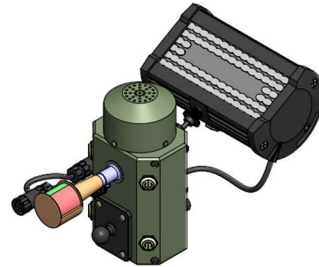
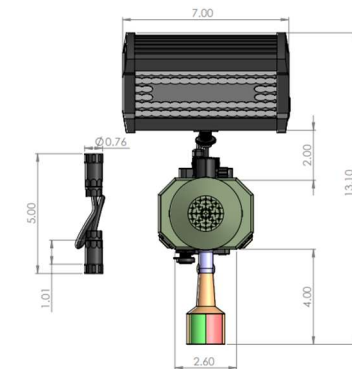
Basin Boat Lighting, LLC

www.basinboatlighting.com

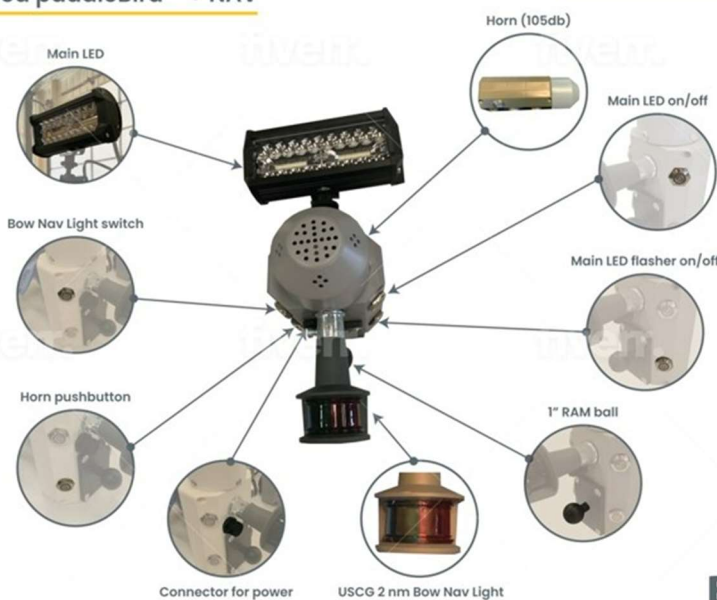
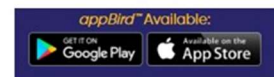
basinboatlightingllc@gmail.com



Basin Boat Lighting, LLC Safety Lighting Systems



Basin Boat Lighting, LLC Safety Lighting System Fully Loaded paddleBird™ + NAV





Basin Boat Lighting, LLC Safety Lighting Systems

Install and set-up

Welcome to Basin Boat Lighting and our SmartBird™ line of products. Our products are cutting-edge and require proper polarity. Please ensure you follow these Instructions step by step. For LED's and circuit boards polarity does matter!!

- 1) Ensure that you know which product you need. Installing a device without knowing how many pins are needed and if the polarity is correct is simply asking for problems. YOU must know what configuration your boat base (socket) has PRIOR to ordering and installing. Remember, this is now YOUR device.
- 2) An incandescent (regular) bulb does not care about polarity. It will work either way.
- 3) Ask yourself a few questions – am I the original owner of the Boat? Did I look under the base and see if there are wire nuts/splices? Do I have and know how to use a meter? Should I seek professional evaluation of my Boat PRIOR to installing a high-tech device?
*Do you understand that incorrect polarity and/or pin number can cause DAMAGE to the device you own?

OK – so you have ordered and received one of the SmartBird™ products. Let's walk through installing it.

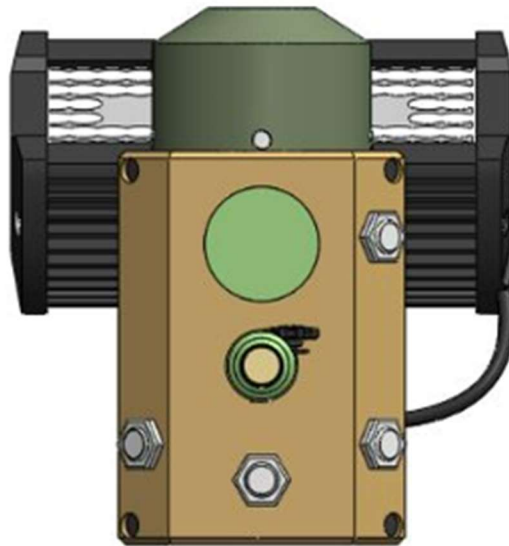
- 1) I am aware of the pin number and the importance of getting the right item ordered. I have confirmed the number of pins, evaluated whether I am sure it has not been modified and/or changed. I have either checked myself and/or had a professional check the power/polarity. If I bought this Boat used – I have looked under the base for splices/indications that it may have been modified. I have done the proper preparation to plug-in my device. If you have taken these steps, then proceed. If not – you risk damaging YOUR device.

Place your switches (either on/off or the rocker switch for some Boats) in the OFF position.

- 1) Insert the device into the base AFTER confirming visually that it is the same as the bottom of the pole you are inserting. A close examination of the number of pins INSIDE the base should be the same as what you ordered. If you are not sure DO NOT INSTALL – seek professional help!
- 2) If there are any lights, noise, does not want to go in, etc. – STOP and call us at (337) 446-1221.
- 3) If you have performed each step – Turn the switch to the ON position – for rocker switches, ensure you select BOTH. (The Bow Light is not powered in either OFF or STERN/Anchor)

Basin Boat Lighting, LLC Safety Lighting Systems

- 4) You should now see the USB port has a light. Uncover (for some) – a ring around for others. If this did not happen – STOP and call us.
- 5) If you have this USB light confirmed – we shall proceed. If not and you continue – you risk damage to YOUR device.
- 6) All switches should be OFF. No LED lights in the center of the switches. Main LED is OFF. Depending on your order there is 2, 3, or 4 Stainless Steel switches under the edges of the “Nest” (box) From the rear they are arranged as follows:



Switch 1 – Bow Navigation Light – ON/OFF – LED on when switch is ON - if equipped
Switch 2 – Horn – press and hold for Horn activation – LED on when button pressed - if equipped
Switch 3 – Main LED – ON/OFF – LED on when switch is ON –
Switch 4 – Flasher – with Main LED switch OFF and this switch ON – Main LED Flashes 50 – 70 times a minute – Visual Distress Signal. Can ONLY be stopped from manual switch.

*Switch position may vary. Please systematically turn each switch on/off (the Horn is a pushbutton). Each operates one function manually.



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*Key Fob – A button turns Main LED ON/OFF B button sounds Horn as long as it is held (same as manual switch)

IN THIS ORDER let's wake the Bird up – STOP and call us for any step that does not pass.

Press Switch 1 – the Bow Navigation Light will come on. If so, proceed. If not call us.

Press Switch 2 – the Horn should activate as long as held.

Press Switch 3 – the Main LED should be on. Turn OFF for next step.

Press Switch 4 – the Main LED should Flash. Turn OFF after confirming.

You have successfully tested the SmartBird™ - Congratulations!! Welcome to the family of Bird owners. We have a Q&A Group you can find through Facebook. We are always available for questions and help – feel free to call us anytime at (337) 446-1221.

<https://www.basinboatlighting.com>

Brian Signorelli, Owner
(337)534-7676

Facebook: <https://www.facebook.com/basinboatlighting>

YouTube:







Amazon: <https://www.amazon.com/basinboatlighting>

Basin Boat Lighting, LLC



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(337) 446-1221

Basin Boat Lighting™ *SmartBird™* product line

| the <i>EarlyBird™</i> | the <i>EarlyBird™</i> <i>full no NAV</i> | the <i>EarlyBird™</i> <i>+ NAV</i> | the <i>BrightBird™</i> | the <i>BrightBird™</i> <i>full no NAV</i> | the <i>BrightBird™</i> <i>+ NAV</i> |
|---|--|--|--|---|---|
|  |  |  |  |  |  |
| <p>the <i>EarlyBird™</i> is a pole mounted 60W combination spot/flood light capable of producing 6,000 lumens from a single light.</p> <ul style="list-style-type: none"> -Amperage actual for the 60W is 0.7A at 12.5vdc -Fits in pole light base -Optional harness for | <p>the <i>EarlyBird™ Full No NAV</i> is a pole mounted 60W combination spot/flood light capable of producing 6,000 lumens from a single light.</p> <ul style="list-style-type: none"> -Amperage actual for the 60W is 0.7A at 12.5vdc | <p>the <i>EarlyBird™ + NAV</i> is a pole mounted 60W combination spot/flood light capable of producing 6,000 lumens from a single light.</p> <ul style="list-style-type: none"> - The US Coast Guard required | <p>the <i>BrightBird™</i> is a pole mounted 120W powerhouse combination spot/flood light capable of producing 12,000 lumens from a single light.</p> <ul style="list-style-type: none"> -Amperage actual for the 120W is 1.4A at 12.5vdc - Fits in pole light base -Optional harness for dual application | <p>the <i>BrightBird™ Full no NAV</i> is a pole mounted 120W powerhouse combination spot/flood light capable of producing 12,000 lumens from a single light.</p> <ul style="list-style-type: none"> -Amperage actual for the 120W is 1.4A at 12.5vdc -Fits in pole light base | <p>the <i>BrightBird™ + NAV</i> is a pole mounted 120W powerhouse combination spot/flood light capable of producing 12,000 lumens from a single light. The US Coast Guard required Bow Navigational red/green</p> |

| | | | | | |
|--|--|---|---|--|--|
| <p>dual application</p> <p>-Removable when not in use</p> <p>-Typical 2 pin marine light pole fits all bases (specific collar may be purchased to fit your need)</p> <p>- Some of our serious boating customers add 2 “nav light” bases/harnesses to their existing base and unleash 12,000 lumens onto their boating paths.</p> | <p>-Fits in pole light base</p> <p>-Optional harness for dual application</p> <p>-Removable when not in use</p> <p>-Typical 2 pin marine fits all bases (all BBL products come with a dual-purpose collar)</p> | <p>Bow Navigation al red/green light is mounted under and just forward of the spot/flood for improved visibility.</p> <p>-Amperage actual for the 60W is 0.7A at 12.5vdc</p> <p>Fits in pole light base</p> <p>-Optional harness for dual application</p> <p>- Removable when not in use</p> <p>-Typical 2 pin marine fits all bases (all BBL products come with a dual-purpose collar)</p> | <p>-Removable when not in use</p> <p>-Typical 2 pin marine fits all bases (specific collar may be purchased to fit your need)</p> <p>- Some of our serious boating customers add 2 “nav light” bases/harnesses to their existing base and unleash 24,000 lumens onto their boating paths.</p> | <p>-Optional harness for dual application</p> <p>-Removable when not in use</p> <p>-Typical 2 pin marine fits all bases (all BBL products come with a dual-purpose collar)</p> | <p>light is mounted under and just forward of the spot/flood for improved visibility.</p> <p>-Amperage actual for the 120W is 1.4A at 12.5vdc</p> <p>-Fits in pole light base</p> <p>-Optional harness for dual application</p> <p>-Removable when not in use</p> <p>-Typical 2 pin marine fits all bases (all BBL products come with a dual-purpose collar)</p> |
| | | | | | |
| | | | | | |



Basin Boat Lighting, LLC Safety Lighting Systems

Included in the **EarlyBird™ + Nav** and the **BrightBird™ + Nav** (EB and BB without have the spot/flood and USB port only)

The **TechyBird™** is the addition of a 2 port USB outlet to charge phones and any other onboard USB capable items.

The **LoudBird™** is the addition of a 12vdc 95db horn. It is rather high-pitched, and the sound can be heard for long distances. A push button allows the user to sound SOS, bursts, continuous, or any pattern desired. This function can be used to meet the USCG requirement of a “sound” making device.

The **FlashyBird™** is the addition of a flasher to the Spot/Flood lighting circuit. With this option, power for the Spot/Flood is moved to flow through a flasher. The flash speed is 60+ times a minute, meeting yet another USCG requirement for an on-board visual signaling device. Let me say, if you ever, and we hope not, do need to use the **FlashyBird™** to summon help – this will call ‘em in from quite the distance. Those old flares can finally be disposed of. (Check your requirements – may still need that Orange/Black flag on board)

RemoteBird™ is one of our favorites as it allows the captain to control the main LED from the Captain’s chair, or from anywhere within 50 feet or so, The Key Fob, and the “Laginappe” lanyard to keep it where it belongs, comes with your **EarlyBird™ + NAV** or **BrightBird™ + NAV**. Speaking of Lagniappe, you will get a Key Fobs programmed to your Bird with every purchase. That’s right, we believe in back-up plans. Hint: The owner of Basin keeps his tightly wound around a rod holder by the captain’s chair, so he won’t leave home without it!! If you purchased a dry bag to store your Bird when it’s not up and flying, be a great idea to keep the back-up in there. Also, I have had the same remote for almost two years. The battery has not run down yet!!

appBird™ Perhaps the one most will say is the “wow” factor. We all know that we reach for the phone for everything. It can be helpful in locating the boat if you are coming out of the woods from hunting. You can decide to use either the Horn or main LED to elicit a hint to where you parked it. You can turn the main LED on to ensure passengers are able to load safely and find their seats. You could use the Horn, main LED in ON or main LED in **FlashyBird™**. if you need assistance for any reason. Remember, that **FlashyBird™**, like launching a flare, when you activate it, people react differently. You are summoning assistance. Now, I have been around emergencies for quite some time. It is best to call early and turn ‘em back then to call too late. Have a Plan, know it, and implement if needed.

All our products have built-in in-line fuse protection. Our 10W incandescent Bow Navigation Light draws 0.7A, the **LoudBird™** 1.5A, the **EarlyBird™** 60W LED 0.7A, the **BrightBird™** 120W 1.4A – and coming soon out LED Bow Navigation Light at 0.5A. (all tested at 12.5vdc). Power miser all the way!



Basin Boat Lighting, LLC Safety Lighting Systems

Our cutting edge **SmartBird™** products are power misers and controlled manually, through a Key Fob around your neck, and coming soon – from an app (naturally **appBird™** right?) for your phone packed with information and fun tools for all boating users. This one is high tech!

The **SmartBird™** line of products currently in full scale production with parts from 4 different molds. This means it has passed Quality Control and been measured to the 100th of an inch, reconstructed by 3D printing, each item measured even more, had an exact plastic weight calculated, been through detailed itemization for each item's weight, cost, function, safety, compliance with USCG regulations/requirements for Certification by a USCG approved testing facility, and even tested to ensure the colors, angle of light (both where it must be can't be seen) in both horizontal and vertical planes. Old fashioned Quality Assurance. Our customers deserve every step. Quality.

Our Bow Lights have earned the "USCG 2nm" marking by our Quality Control measures. These do not stop at certification; they are part of Continuous Quality Assurance. The first, 1000th, and 100,000th Bow Light we sell must all meet our rigorous standards. BBL stands behind our products. Assembled in the USA by Veterans. We are just a phone call away!

As this time, we announce the release of the **SmartBird™** line of products which include: **EarlyBird™**, **EarlyBird™ full no NAV**, **EarlyBird™ + NAV**, **BrightBird™**, **BrightBird™ full no NAV**, and the **BrightBird + NAV**. We have gone the extra mile to ensure we packed in as much value as possible for our customers. It has been one year in development with Quality and safety guiding our way. While we wanted to be a bit earlier to offer these products for you, our friends, and customers, it was and is important to us that we have every issue fixed, had a QA performed by our founder/owner (who is obsessed with Quality) on each item and (as we knew he would do) then with its functional and physical next step. No, it went on to the entire assembly was physically, functionally, and Safety checked, including the extra step of having it tested at a USCG approved Laboratory for compliance with the Bow Navigation light (which happened to be already approved but we turned that pup upside down 😊) in both the visibility sectors, for either light bulb currently in use (transitioning to LED), ABYC Regulations (electrical), USCG Regulations, the applicable CFR (Code of Federal Regulations), additional State requirements/Laws, and the old drench it with water for a while to make sure it is going to keep working. Now, none of the Bow Lights or LED's available will survive submersion immediately, but rain should not stop the operation. These Bow lights from BBL will survive if the owner rinses them with fresh water and allows it to drain and dry. For the EB or BB – send it to us quickly and we will assess it. I know I would remove water from mine simply by standing it up. Our Nest is not waterproof, but it is very water resistant. Remember, BBL stands behind our products for a FULL one year for PARTS and LABOR. We will pay for shipping to us and back if it appears that any item has failed, or workmanship is the issue. For members of our great boating community, service after the sale is also available. We will always do our best to turn your item around in the shortest time possible.... ensuring you can "GET IT BRIGHT, BAW!" soon and "make your day on the water last a little longer" AND "be safer" with our product on-board.

Basin Boat Lighting Safety Lighting Systems announces the addition of its smartphone emergency app, dubbed **appBird™**, to the currently available line-up of hi-tech SmartBird™ safety lighting products. Available for both iOS and android smartphones, the deployment of Basin's innovative appBird™ gives



Basin Boat Lighting, LLC Safety Lighting Systems

the recreational boater and kayaker a way to request emergency help and notify a designated emergency contact – right after dialing 911.

When activated, the SOS function on the app will allow Basin Boat Lighting to assist in summoning local emergency personnel to the user's last known GPS location and notify a designated emergency contact that an emergency has occurred. Working in connection with the app, the SmartBird™ safety lighting system on board the boat or kayak responds to an SOS activation by immediately activating its spotlight and horn. The light and horn will flash and beep to assist first responders in locating the vessel needing help. Additionally, the users name, call back number and GPS location are sent to Basin Boat Lighting, and we back up the emergency notification with GPS coordinates.

The USCG 2021 Report on Recreational Boating Statistics sheds light on the many potential dangers related to recreational boating and kayaking. Collisions, running aground or into underwater objects pose grave danger to boating enthusiasts each day. Created after a near catastrophic boating accident involving a submerged log, Basin Boat Lighting's original line of safety lighting systems incorporates USCG required safety features into one self-contained easy to use system.

Basin Boat Lighting is owned by local US Navy Veteran Brian Signorelli who, like many in Acadiana, spend much of their free time fishing and hunting in the Atchafalaya Basin. The full line of available SmartBird™ safety lighting systems can be found at www.basinboatlighting.com

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

This product meets the FCC USA technical specifications.

USCG 2nm Bow Combination Red/Green Navigation Light

Design Patent USPTO – US D982,198S

*after 5 days we do not accept the devices back for refund. We offer refund/replacement within 5 days, but we must receive the device back and verify it is in new condition. If the device arrives damaged you must immediately take pictures of all 6 sides of the box, and 4 to 6 pictures of the device focusing on damage and an overall picture. You must file a claim with the carrier prior to requesting a refund.

Returns/Refunds – Basin Boat Lighting warrants the SmartBird for one-year from the date of purchase. The warranty covers parts and workmanship. We do not cover operator errors such as plugging it to wrong power, wrong pin selection, and general negligence. This is your device. The buyer is responsible for shipping to and from Basin Boat Lighting.



Basin Boat Lighting, LLC Safety Lighting Systems

Basin Boat Lighting has the Basin Boat Lighting Q&A Group on Facebook. Please join as we do steals and deals and this is a good place to learn about the Bird.

Colors available: White, Green, Gray, Black

Hydrographics: see website as availability and designs change