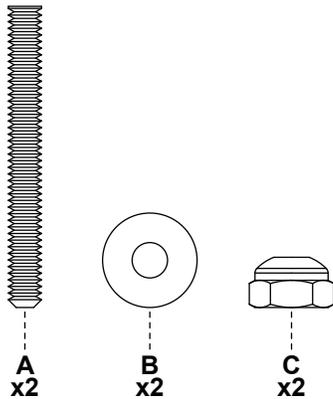
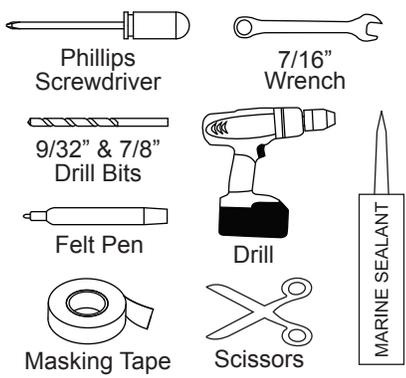
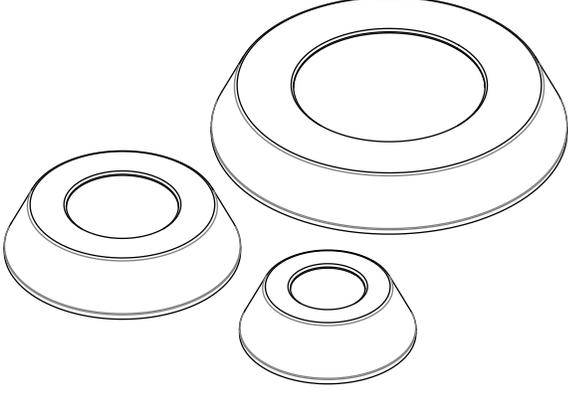
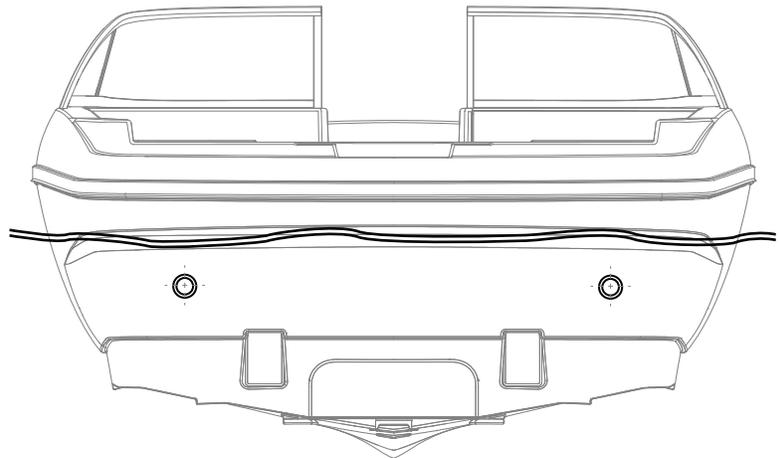


Nightwater Pro Hardware	Tools Required	
 <p>A x2</p> <p>B x2</p> <p>C x2</p>	 <p>Phillips Screwdriver</p> <p>7/16" Wrench</p> <p>9/32" & 7/8" Drill Bits</p> <p>Drill</p> <p>Felt Pen</p> <p>Masking Tape</p> <p>Scissors</p> <p>MARINE SEALANT</p>	

MOUNTING POSITION

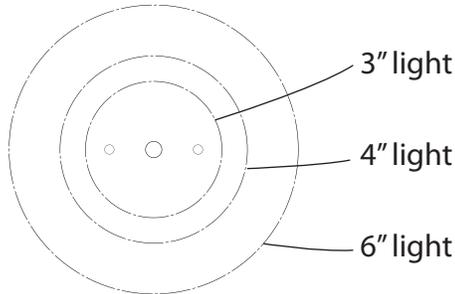
Locate the desired position of installation for the light. The ideal position is on a flat vertical surface of the transom which will be 3"-12" below the level of the water with the boat at rest. Be sure that the light will not interfere with any transom mounted components.

Once you have chosen your location be sure to verify there is enough room on the inside of the boat for hardware and wiring loom. Make sure to check for electrical wiring, fuel and hydraulic lines, fuel and ballast tanks, as well as any other component that could be damaged while drilling or mounting your light.



A Once you have measured and leveled the position for your light, cut out the template size that corresponds to your light and tape the template to your designated position.

Mark and drill a small pilot hole in center of the mounting location for final clearance check. Again be sure not to drill through any internal boat components.



3" light

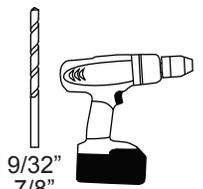
4" light

6" light

B Once the pilot hole is drilled, verify that you have at least 2" of room in all directions of the pilot hole for mounting.

Once verified, mark the 2 outside mounting stud holes. Using a 9/32" drill bit, drill the 2 marked holes.

Then using a 7/8" drill bit, drill out the center pilot hole.



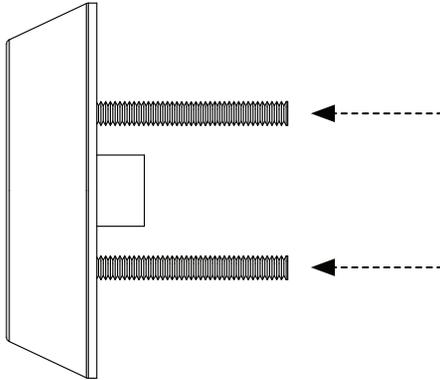
9/32"
7/8"



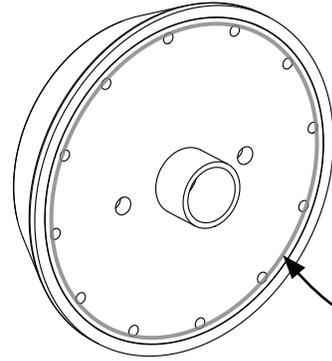
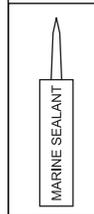
C Insert 2 threaded bolts into the light's backing plate until they tighten.



A
x2



D Using marine sealant and following the sealant application directions, apply a bead of sealant to the backside of the light around the entire edge. Make sure the bead is not too close to the edge and that the bead forms a complete circle.



Note: apply the sealant directly on top of the screws so that it displaces outside of the light.

Sealant
Bead

E Insert the wiring into the center hole and the 2 bolts into the bolt holes previously drilled in the transom. Press the light housing against the transom to create a seal. Using the washers and nylock nuts, fasten the light housing to the transom according to the illustration below.

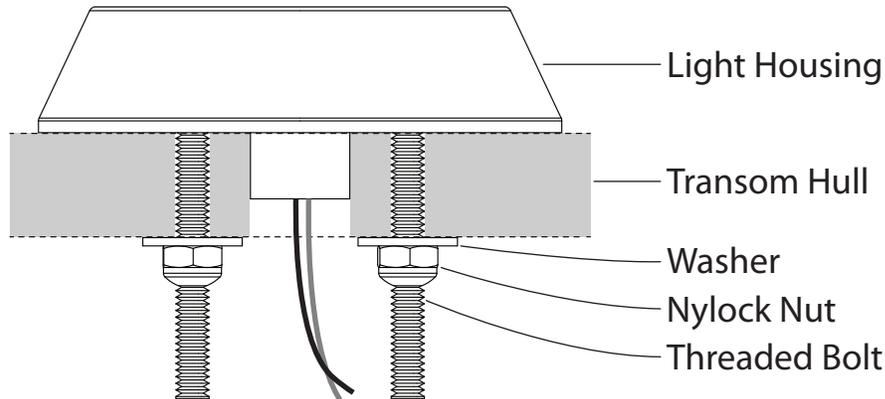
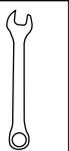


B
x2



C
x2

7/16"



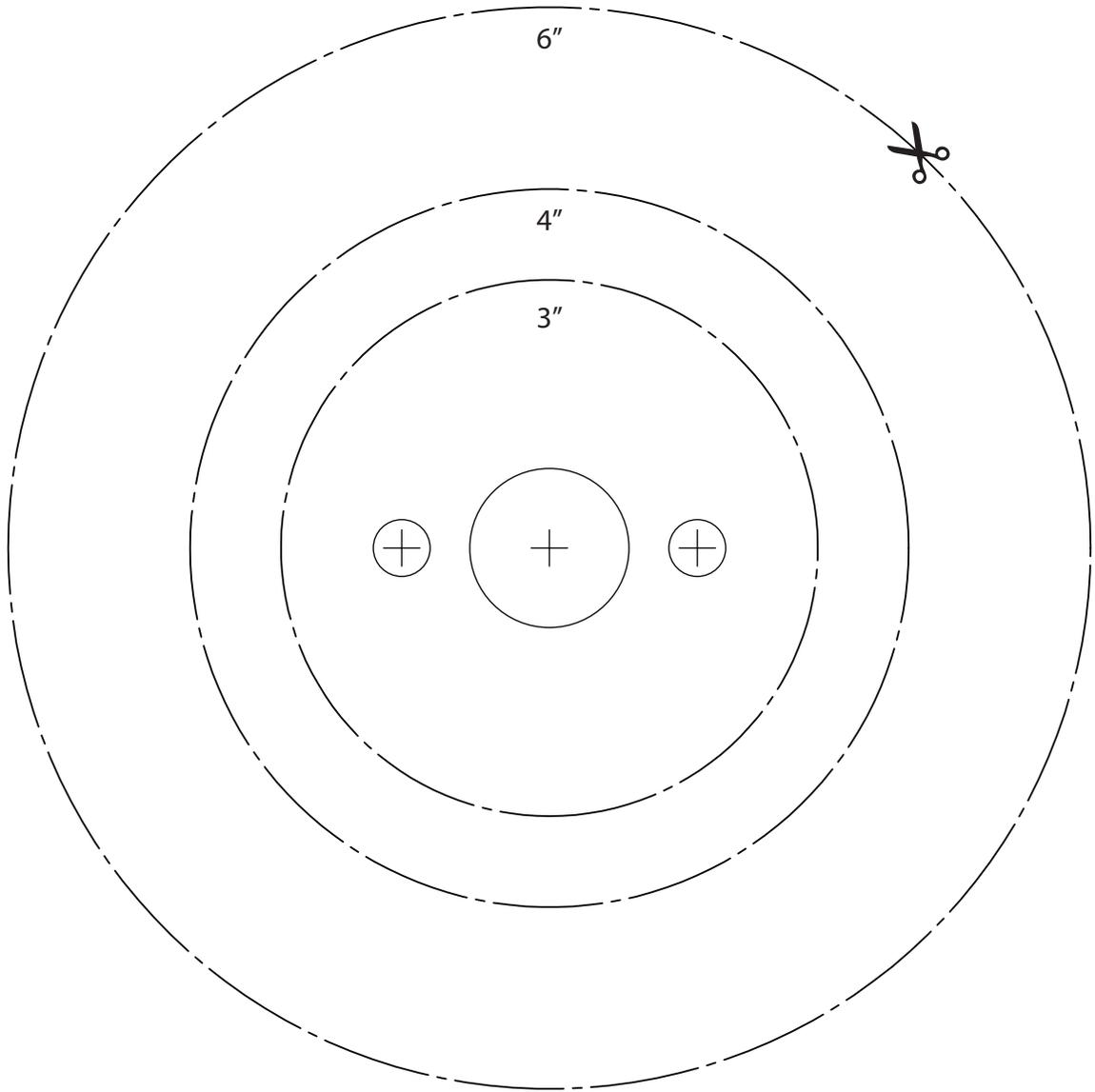
F When wiring your light inside the boat, be sure to use proper ground and power supply points, route wiring away from moving components and components that get hot, and areas where wiring could be subjected to standing water.

Roswell recommends a minimum 16 gauge wire with a 15 amp fuse and 15 amp rated switch. This rating is suitable for one pair of lights with no more than 30' of wiring.

Test component operation and check for a water tight seal at the transom.



Nightwater Pro Drilling Template



Reference Scale (inches): Do not drill if scale is off
Print template 1:1 scale only