



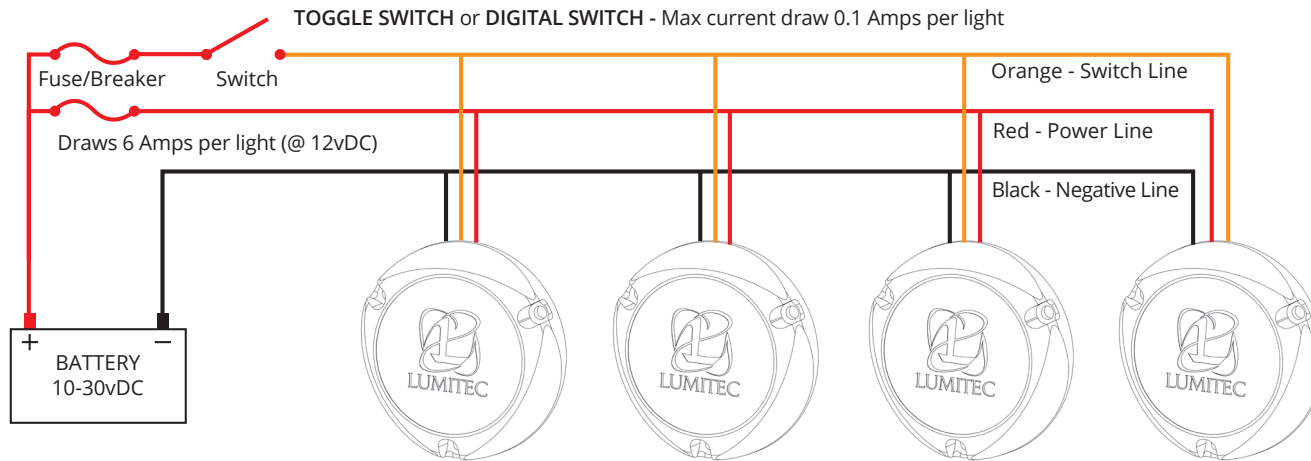
# SeaBlazeX2 Wiring Instructions

Due to the high lumen output of the SeaBlazeX2 light, sufficiently rated wiring and electrical components must be used to minimize voltage drop to the lights. When connecting multiple SeaBlaze X2 lights to a common switch this becomes even more critical. To simplify the installation on vessels with multiple lights Lumitec has introduced an internal relay switch to the SBX2 light, allowing for less expensive low current wire and components to be used during the installation.

## INTERNAL RELAY:

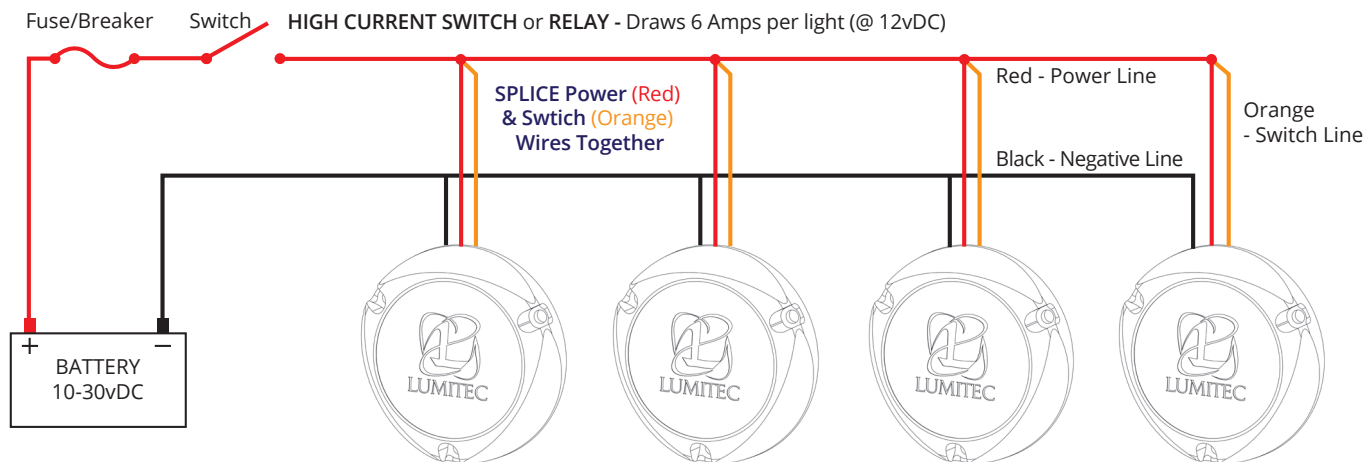
- Allows for more lights to be controlled by a single switch
- Switch placement can be much further from lights
- Simplifies installation and reduce wiring costs
- Fewer channels required on your digital switching system
- Will allow for PLI color control via compatible digital switching system through a Multi Functional Display (MFD)

## 3-WIRE CONNECTION



To use the 3-wire system, simply connect the red and black 10-30VDC lines to an appropriately fused power buss with constant power and the Orange wire to a switched +10-30VDC buss referenced to the same ground as the power lines.

## 2-WIRE CONNECTION



**NOTE:** The SBX2 can also be wired in a standard two wire installation as well by simply connecting the red and orange wires together and powering via an appropriately rated switched power bus.