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**STEP 1:**
Plan and Install Your Digital Lighting System

http://lumiteclighting.com/poco-quick-start

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**BATTERY**
12 or 24 vDC

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**CALCULATE YOUR AMP DRAW**
Total amps per channel must be below 10 Amps

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**POCO Replaces Physical Switches**

**MFD or Wireless Device**

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**FUSE SIZES**
- 3A Fuse
- 10A Fuse Max

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**POWER WIRE**

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**GROUND WIRE**

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**FUSE SIZES**
- 10A Fuse Max

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**AMP DRAW AT LIGHTS**

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**TOTAL AMP PER/CH**

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**IMPORTANT:** To use the supplied information provided within this quick start guide all lights installed must be PLI compatible. For lights that are non-PLI, or a non-Lumitec brand, refer to our website at http://lumiteclighting.com/check4pli for additional installation information.

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**Look for the PLI icon on packaging for product compatibility.**

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**3 YEAR WARRANTY**

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**DIMMER**

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**COLOR MATCH COMMITMENT**

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**IP RATED 2-WIRE HOOKUP**

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**RF/EMI SAFE**

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**FIP RATED**

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**THIRD PARTY DIMMER**

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**STROBE/FLOW**

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**COLOR MEMORY LOCK**

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**COLOR CHANGE**

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**CROSS FADE COLOR CHANGE**

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**COLOR CYCLE DIMMING**

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**Ignition Protected**

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**European Conformity**

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**Power Line Instruction**

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**Instruction**

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**Installation Information**

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**Power Line**

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**Power Wire**

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**Ground Wire**

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**Fuse size is based on number of underwater lights**

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Amp draw information is available on product packaging or at lumiteclighting.com
2. **Connect to Poco** (Step 1: installation on reverse side)

   A. Poco can be connected to a chart plotter (MFD) and/or a mobile device.
   B. For an MFD connect the network cable to a compatible display. For a list of compatible displays visit: [http://lumiteclighting.com/poco-specs](http://lumiteclighting.com/poco-specs)
   C. For mobile devices connect using the Lumitec Poco App available on Apple or Google Play stores. You will be prompted to connect to Poco on launching the app.

3. **Create Light Groups**

   Select configuration in the setting menu (top right of screen). Assign Channel and Clan for each light location on your boat (underwater lights, spreaders lights etc.).

   **Examples:**

   ```
   Name: LG_aft_hardtop  
   Channel: 1 
   Clan: 1 - Down Lights  
   Output: Lumitec Spectrum
   ```

   ```
   Name: LG_aft_spreader  
   Channel: 1 
   Clan: 2 – Flood Lights  
   Output: Blue / White
   ```

   ```
   Name: LG_fwd_hardtop  
   Channel: 2 
   Clan: 1 - Down Lights  
   Output: Lumitec Spectrum
   ```

   ```
   Name: LG_underwater  
   Channel: 3 
   Clan: 4 – Flood Lights  
   Output: Lumitec Spectrum
   ```

4. **Create Switches** (configuration menu)

   Assign a default intensity and color to each switch.

   **Example Simple Switch:**

   ```
   Name: Aft Hardtop  
   Target: LG_aft_hardtop  
   Intensity: 50%  
   Color: Red
   ```

   You can create lighting scenes by assigning multiple light groups to more than one target.

   **Example Scene Switch:**

   ```
   Name: Night Fishing  
   1. Target: LG_aft_hardtop, Intensity: 20%, Color: Red
   2. Target: LG_fwd_hardtop, Intensity: 20%, Color: Red
   3. Target: LG_under_gunwale, Intensity: 100%, Color: Green
   ```

5. **Add Switches to Layout Pages**

   A. Select a location screen for your switch.
   B. Select the plus (+) button symbol.
   C. Select desired switch from list.

   **Note:** Visual order of switches will be arranged by the order of the switch creation. Switches cannot be rearranged after they have been added to a screen.

   Go to [http://lumiteclighting.com/poco-quick-start](http://lumiteclighting.com/poco-quick-start) for more detailed information.

6. **Check Status Indicators**

   - **POWER Indicator** - Illuminates Green if POCO is powered on, both PWR and ACC lines must have supply voltage between 10-30vDC
   - **CH1, CH2, CH3 or CH4 Indicator** -
     - Illuminates Red if power is supplied to channel from fuse/breaker panel.
     - Illuminates Green if power is supplied to channel input and channel is turned on inside of POCO controller; PLI enabled lights may be OFF.
     - Flashes Orange if PLI data is transmitted.
   - **STATUS Indicator** -
     - Green blinking light indicates WiFi connection status:
       - 0 blinks: WiFi disabled
       - 1 blink: WiFi enabled but not connected to any peers
       - 2 blinks: WiFi is connected to one or more peers
     - Blue blinking light indicates Bluetooth-LE connection status:
       - 0 blinks: Bluetooth-LE is disabled
       - 1 blink: Bluetooth-LE enabled but not connected
       - 2 blinks: Bluetooth-LE is connected