

# SCM-10-EXT-CC

COLOR CASTER UNDERWATER LIGHT



## ▶ OPERATION

- 1. Power Toggle Control** Done by quickly turning the input power off and then back on within 2 seconds.
- 2. Push Button Control** This is an optional control that can be added by installing a push button switch connected between the ground and green wire.
- 3. Shadow-NET** Direct Digital Control compatible through your boat's touch screen push button controller or Shadow-Caster™ app. Shadow-NET™ requires connection of orange and yellow Shadow-NET™ wires to a compatible controller.

**Power Switch Toggle** The SCM-10-EXT-CC has unique circuitry to detect when the power has been toggled. The lights must be turned off and then back on within 2 seconds for this condition to be recognized. Toggling the power input will change the light to the next color state. Toggling the power switch will cycle through the available colors in the sequence of blue, white, green and red. When the power is turned off for more than 10 seconds, the lights will reset and return to the blue color state.

**Push Button** By pressing the push button switch, the SCM-10-EXT-CC will go through the following modes of operation:

- **Strobe:** The lights will strobe on whatever color they are set to
- **Blue to White Fade:** The light will fade from white to blue, changing colors approximately every 20 seconds
- **4 Color Fade:** The light will rotate between all four available colors on a 20-second cycle (blue, white, red and green)
- **Flash:** The lights will flash on whichever color they are set to
- **Multi-Color Flash:** The lights will flash and consecutively alternate between red, green, blue and white
- **Back to Solid Color**

## ▶ CONNECTIONS

**Red Wire:** +12 or +24 volts, 3.5 amps at 10 volts. 1.8 amps at 24 volts

**Black Wire:** Common ground

**Green Wire:** Connect to an optional momentary push button control wire to access "Lighting Modes".

**Orange and Yellow Wire:** Shadow-NET™ connections. These are for connection to a Shadow-NET™ compatible controller. If no Shadow-NET™ connection is present simply leave unconnected.

**Please note:** The recommended switch is rated to 20 amps and will only service 2 lights at 12 volts. For larger installations, the SCM-PD+ power distribution box is recommended to service more power.

## ▶ CARE AND MAINTENANCE

Clean your Shadow-Caster™ Marine LED lights frequently with a soft bristle brush. We recommend that installed Shadow-Caster™ Marine LED lights be cleaned every 2 weeks for "live in water" boats, and rinsed every time the boat is pulled out of the water to prevent marine growth buildup and bio-fouling. Using cleaners that contain solvents other than alcohol may damage polycarbonate lens and potentially void warranty. This includes acetone, acetates, ethers, esters acetates, xylene, amines, hydrocarbons, methyl ethyl keytone (MEK).



Designed & Manufactured  
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