

# BACKLIT DASH PANEL



**CLIENT:** SEARAY

**INDUSTRY:** MARINE

**PROCESS:** BACKLIGHTING

**SOLUTION:** BACKLIGHTING - DASH PANEL

## OBJECTIVE

Develop a dash that combines a high gloss finish with a bright lighting effect.

## CHALLENGE

The main challenge was to develop a lighting system that would provide brightness as well as perfect diffusion. It's one thing to light up a thin line on a panel, it's quite another to light up a thick line using an LED that provides the required brightness but also presents hotspot issues.

## SOLUTION

Since brightness was our priority but it was impossible to simply install an LED on the back of the panel, we had to develop a customized lighting system to house the LED. To do so, we incorporated the LED in a back panel. We were thus able to provide both brightness and perfect diffusion. By developing a custom solution, BCH Image was able to create a dash panel that met Sea Ray's esthetics requirements.