



# PERKP 0647DP0CHR Navigation Lights LED Horizontal Mount Bi Color Light User Manual

[Home](#) » [PERKP](#) » PERKP 0647DP0CHR Navigation Lights LED Horizontal Mount Bi Color Light User Manual 

## Contents

- [1 PERKP 0647DP0CHR Navigation Lights LED Horizontal Mount Bi Color Light](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 OVERVIEW](#)
- [5 MOUNTING INFORMATION](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)

# PERKO®

**PERKP 0647DP0CHR Navigation Lights LED Horizontal Mount Bi Color Light**



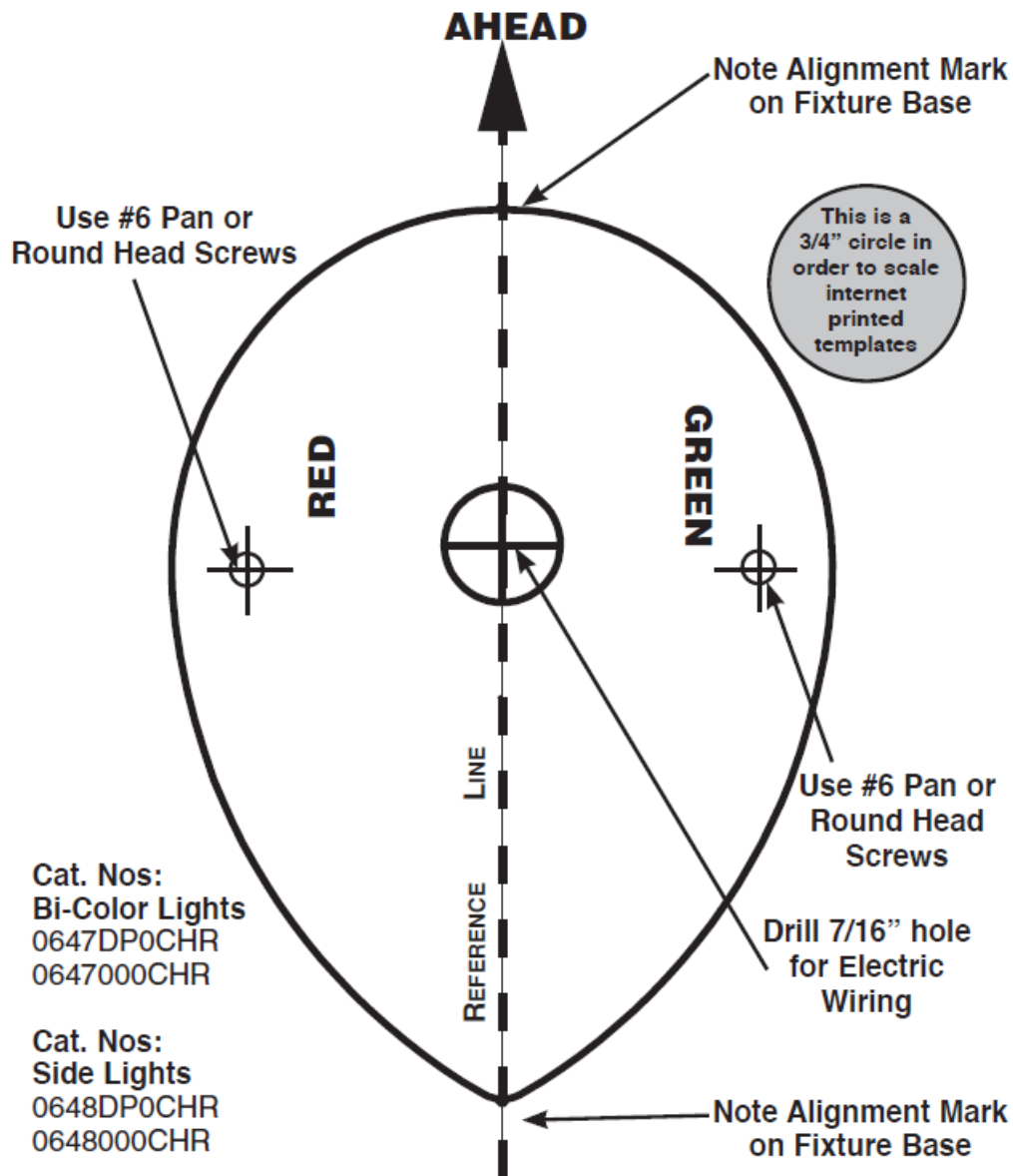
## Product Information

- **Visibility:** 2nm
- **Product Name:** Cat. No. 0647 Series LED Bi-Color Lights
- **Product Name:** Cat. No. 0648 Series LED Side Lights
- **Designed for:** Power-driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 Voltsystem
- **Compliance:** ABYC C-5, A-16, EN/ISO 19009:2015, the '72 COLREGS, and the U.S. Inland Rules

## Product Usage Instructions

1. For proper light selection, positioning, and configuration, refer to the ABYC C-5, A-16, EN/ISO 19009:2015 Standards, A.B.Y.C., the '72 COLREGS, and the U.S. Inland Rules.
2. Mount the lights on a horizontal surface.
3. Draw a 6-inch long reference line through the center of the selected mounting location and parallel to the centerline of the boat.
4. Cut out the mounting template. Place it on the mounting surface so that the reference line (drawn above) aligns with the reference line marked on the template.
5. Drill 2 holes through the template to accommodate #6 pan or round head mounting screws. Drill a 7/16-inch hole for electric wiring.
6. Attach supply connections to the light, following A.B.Y.C. Standard E-11 and U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183). Observe polarity.
7. Mount the light according to the template. Align the thin reference marks on the outside of the base with the reference line drawn in Step #3 for accurate mounting orientation.
8. Note that these lights are supplied complete with 12 Volt LEDs and do not have user-serviceable components.

## OVERVIEW



The above-referenced Standards can be obtained from:

1. American Boat & Yacht Council, Inc
2. U.S. Coast Guard 613 Third Street, Suite 10 Washington D.C. 20593 Annapolis, MD 21403 (or your local C.G. office)

For more information, visit the manufacturer's website: [www.perko.com](http://www.perko.com)

- Cat. No. 0647 Series LED Bi-Color Lights
- Cat. No. 0648 Series LED Side Lights

These lights are designed for use on power-driven vessels under 20 meters (65.6 ft.) in length operating on a nominal 12 Volt system. In order to comply with ABYC C-5, A-16, EN/ISO 19009:2015, the '72 COLREGS and the U.S. Inland Rules, the following must be adhered to:

## MOUNTING INFORMATION

Read all instructions before proceeding

1. For proper light selection, positioning and configuration, refer to the ABYC C-5, A-16\*, EN/ISO 19009:2015\* Standards, A.B.Y.C., the '72 COLREGS\*, and the U.S. Inland Rules\*.
2. These lights are designed to be mounted on a horizontal surface.
3. Draw a 6-inch long reference line through the center of the selected mounting location and parallel to the centerline of the boat.
4. Cut out the mounting template. Place it on the mounting surface such that the reference line (drawn above) is directly underneath the reference line marked on the template.
5. Drill 2 holes through the template to accommodate #6 pan or round head mounting screws. Drill a 7/16-inch hole to accommodate the electric wiring.
6. Attach supply connections to the light, making sure to wire by both A.B.Y.C. Standard E-11\* and U.S. Coast Guard Safety Standards for Boat Electrical Systems (33 CFR 183)\*. Observe polarity.
7. Mount the light following the template. Note that there are thin reference marks on the outside of the base that must be aligned with the reference line (drawn in Step #3) for the final accuracy of mounting orientation.
8. These lights are supplied complete with 12-volt LED's. There are no user-serviceable components.

**The above-referenced Standards can be obtained from:**

1. American Boat & Yacht Council, Inc 613 Third Street, Suite 10 Annapolis, MD 21403
2. U.S.CoastGuard Washington D.C. 20593 (or your local C.G. office)
3. International Standards Organization (ISO) Ch. de Blandonnet 8 • CP 4 CH-1214 Vernier, Geneva, Switzerland

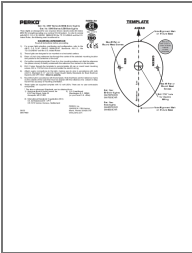
***Visibility: 2nm***



Date: 12/12/19



## Documents / Resources

 A technical diagram of the PERKO 0647DP0CHR navigation light. It shows a circular light housing with a central lens. The diagram includes various labels for components and mounting details. A small inset shows the light's beam pattern, which is a circular beam with a central white spot and a surrounding red ring.	<p><a href="#">PERKP 0647DP0CHR Navigation Lights LED Horizontal Mount Bi Color Light</a> [pdf] User Manual</p> <p>0647DP0CHR Navigation Lights LED Horizontal Mount Bi Color Light, 0647DP0CHR, Navigation Lights LED Horizontal Mount Bi Color Light, Lights LED Horizontal Mount Bi Color Light, LED Horizontal Mount Bi Color Light, Horizontal Mount Bi Color Light, Mount Bi Color Light, Bi Color Light</p>
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## References

- [PERKO Inc.](#)
- [User Manual](#)