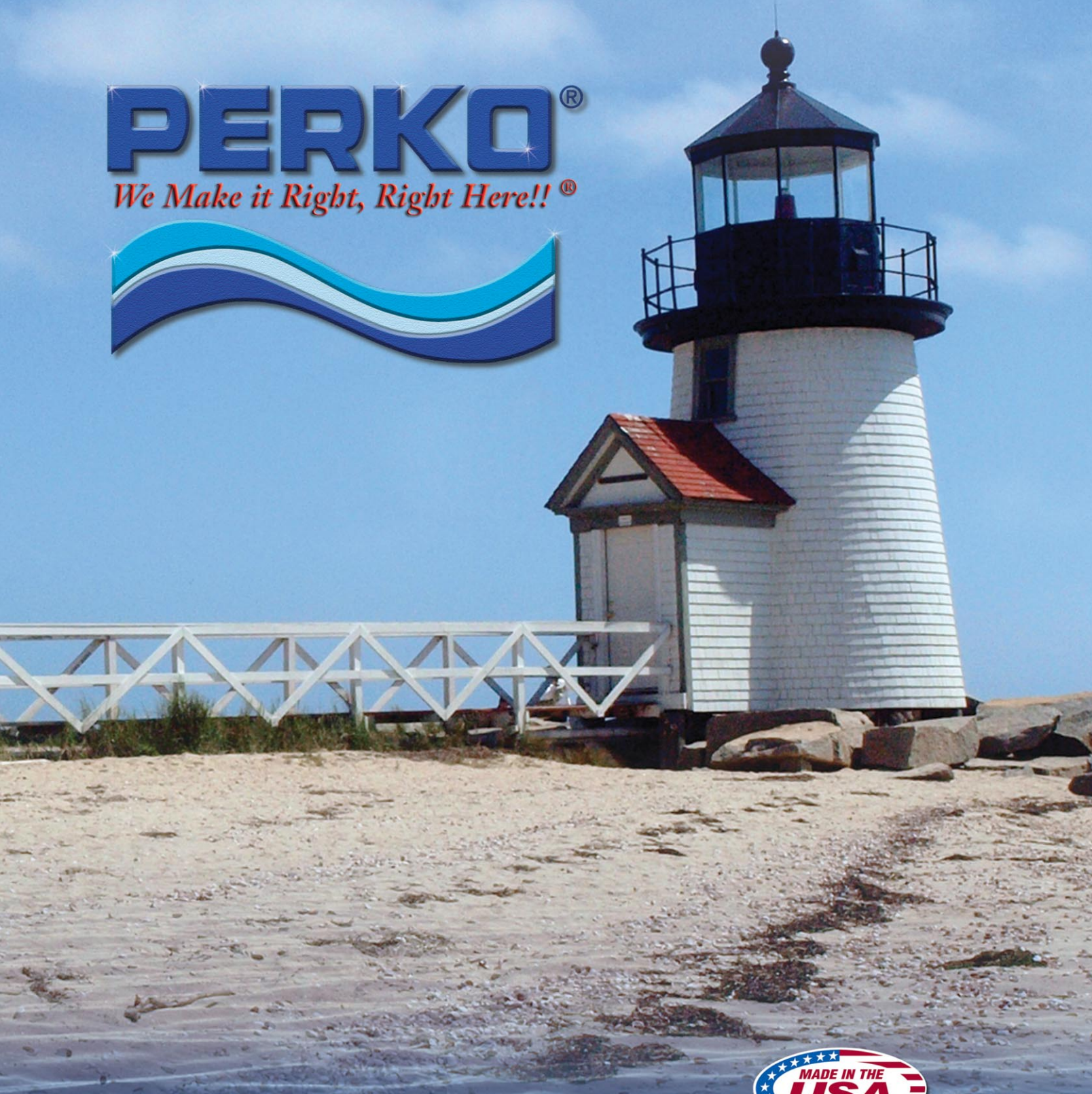


# Commercial Products

Manufacturer of Marine Lights, Hardware and Accessories

# PERKO®

*We Make it Right, Right Here!!®*



ISO 9001:2008 Certified



Catalog 315-C

## **COVER PHOTOGRAPH**

### **Brant Point Lighthouse**

Nantucket, MA

Cover Photos By: Richard A. Cozier

Brant Point Lighthouse is a wooden structure, located on the south side of the entrance to Nantucket Harbor. Originally built in 1746, well before the United States had won its independence. Wooden lighthouses often caught fire from their oil burning lamps, and Brant Point Lighthouse was no exception – fire would destroy it multiple times.

Nantucket's residents switched from farming to whaling in the early 18th century. Known as Sherburne until 1795, Nantucket soon became one of the largest whaling ports in the Northeast. In 1724, eighty-six sperm whales were killed off the coast of Nantucket. Later, the first U.S. ship to sail into a British port would be a Nantucket whaler bearing sperm oil—the most expensive, cleanest and brightest burning oil of that time.

During a town meeting on January 24, 1746, sea captains called for the establishment of a lighthouse to protect their investments. Nantucket's location on the shipping line between the colonies' main ports coupled with its thriving whaling industry made a strong case for the light. Two hundred pounds were allocated to build the first Brant Point Lighthouse.

Twelve years later the wooden structure burned down. It was rebuilt in 1758, following town approval, but knocked over by a gale in 1774.

Another town meeting approved erecting a third light "as High as the previous one . . . at the town's expense." After captains from other ports objected to paying lighthouse dues, residents called for an Act that passed in 1774 requiring all vessels fifteen tons and over to pay six shillings the first time each year it entered or left Nantucket Harbor for the maintenance of Brant Point Lighthouse.

Between the years 1783 and 1786 the lighthouse would be destroyed by fire several more times. The town sought a different, less expensive solution -- a primitive wooden lantern, with glass windows, was hoisted between two unbraced spars, driven into the loose sand, which had grooves to steady the light. The wooden lantern produced a very dim light, often compared to a lightning bug, and hence it was called "bug light."

A storm in 1788 claimed this light, but the Commonwealth of Massachusetts soon replaced it with a small wooden tower, and this structure was ceded to the federal government in 1795.

The War of 1812 decimated Nantucket's fleet of whaling ships and left much of the population impoverished. Brant Point Light was extinguished for long periods during the war, but remained unharmed. Responding to a petition by merchants and mariners of Nantucket, Congress appropriated \$1,600 on March 3, 1825 for a new lighthouse at Brant Point described as "a house at entrance of Nantucket Harbor for the keeper, with a tower on the same for lantern." This light is on the keeper's dwelling, on Brant Point, at the entrance to Nantucket harbor.

By 1856 the lighthouse had fallen into disrepair and pleas for a new lighthouse to mark the harbor entrance (the current one was "completely rotted") were answered with the construction of a \$15,000 circular brick tower and attached dwelling that was considered one of the best stations on the Atlantic Coast. The light from the new tower's fourth-order Fresnel lens first lit up on December 10, 1856.

During the 1850s, Nantucket faced a sudden decline after the invention of kerosene cut the need for whale oil (its Canadian inventor strongly hoped for an end to killing whales), the Gold Rush lured men away, and a growing sandbar blocked the harbor. Luckily, Americans would soon begin the tradition of taking summer vacations, and the island was granted new life.

Shifting sands once again required a new lighthouse, and the present wooden tower, the ninth light to grace Brant Point, was erected at the tip of the point in 1901, roughly six hundred feet east of the 1856 lighthouse.

Brant Point's light, which shines at an elevation of just twenty-six feet making it the shortest light in New England, was changed from white to red in 1933 so that it would not be mistaken for the increasing number of house lights near the harbor. The tower was completely renovated in 1983 and again in 2000. Brant Point Light was automated in 1965, but the little conical tower with its black lantern still has many visitors, who find it an excellent spot to watch the ferries and other vessel traffic entering and leaving Nantucket Harbor.

The fourth-order Fresnel lens from Brant Point is on display at the Nantucket Life-Saving Museum.

*Edited from Lighthousefriends.com*





# Catalog No. 315-C For Commercial Boats

	<b>Pages</b>
The Perko Story, General Info, Sales Representatives and Modern Facilities .....	C•2 to C•7
Understanding Navigation Light Certifications .....	C•8 to C•9
<b>1.</b> L.E.D. Navigation Lights.....	C•10 to C•17
<b>2.</b> Incandescent Navigation Lights .....	C•18 to C•35
<b>3.</b> Lighting Fixtures, Bulbs.....	C•36 to C•40
<b>4.</b> Searchlights.....	C•41 to C•64
<b>5.</b> Battery Switches & Fog Bells .....	C•65 to C•71
<b>6.</b> Underwater Hardware.....	C•72 to C•84
<b>7.</b> Locks & Latches .....	C•85 to C•93
<b>8.</b> Deck Hardware .....	C•94 to C•95
<b>9.</b> Cabinet Hardware .....	C•96 to C•97
<b>10.</b> Recreational Products Catalog 315-R Thumbnail Index .....	C•98 to C•104
<b>11.</b> Emissions Products Catalog 315-E Thumbnail Index .....	C•105 to C•106
<b>12.</b> Alphabetic Index for Catalog 315-C .....	C•107
<b>13.</b> Numerical Index for Catalogs 315-C, 315-E & 315-R.....	C•108 to C•112



Proudly Made in America for Over 100 Years

## Manufacturer of Ship and Boat Equipment

**Street Address:**

16490 Northwest 13th Avenue  
Miami, Florida 33169-5707

**Telephone Number:** (305) 621-7525

**Fax Number:** (305) 620-9978

**Mailing Address:**

P.O. Box 64000D  
Miami, Florida 33164-0510

**e-mail:** sales@perko.com

**Website:** www.perko.com



**1st Generation**



**Frederick Perkins**  
Founder 1907-1947

**2nd Generation**



**Louis E. Perkins**  
Co-Founder/President 1947-1964

**3rd Generation**



**Marvin Perkins**  
President 1964-1997  
Chairman 1997 to Present

**4th Generation**



**Frederick M. Perkins**  
President 1997-Present

**5th Generation**



**Cameron Perkins**  
1999-Present



**Deborah Hilyard**  
2002-Present

Frederick Perkins (Mendel Persky) born in Russia in 1874 and schooled as a machinist (tool & die maker) in Germany, immigrated to this country in 1889 at the age of 15 and became a naturalized U.S. citizen in 1898. In the early 1900's, Frederick started the original family business as a tool and die manufacturer out of his basement, as F. Persky & Co., at 49 Elizabeth Street in New York City.

In 1907, Fred Perkins was joined by his cousin Max Persky who was also a machinist. By 1910 the business had grown, and they moved down the street to 52 Elizabeth Street. At that time the company had approximately 12 or 14 employees and was established in the business of making small machine parts, tubular type bicycle pumps, head lights for automobiles and small lanterns which the dime stores filled with candy. When a

customer did not pay him for a set of marine lantern dies, he started marketing the lights he manufactured from that set of tools.

Between 1910 and 1912 the National Marine Lamp Company was formed by a combination of F. Persky & Company, H.A.J. Helvig and Company and American Lamp Works. The main headquarters for National Marine Lamp was located at 23 Brook Street in Forestville, Connecticut in a very large building that once had been a thread mill. They also maintained a sales office in New York City.

By 1913 Fred Perkins had moved to Connecticut and F. Persky & Company ceased independent operations. During that same year, Fred Perkins was listed in the company annual report as the president of National

Marine Lamp Company.

From 1913 until late 1916, Fred Perkins operated as the head of National Marine Lamp Corp. In late 1916, he left that firm and opened a new company, Perkins Marine Lamp Company which was incorporated in early 1917. The company set up operations in the remote farmlands of Brooklyn and operated in the Brooklyn, New York facility at 1943 Pitkin Avenue until 1959. The original plant consisted of one three story building of which the two top floors were leased out to independent operations. New products were added to the line and sales activities expanded beyond the Northeast. Perko offered cast bronze lights and hardware, first to the maritime industry, then to the growing pleasure boat market.



It was also around the time of Fred Perkins' move to Brooklyn in 1916 that his son Louis E. Perkins began working with the company full time. In 1922, the now famous "PERKO" trademark was introduced.

In the late 1920's the company introduced copper and nickel plated products from its own plating department. When chromium plating was perfected in the 1930's, the first Perko chromium-plated hardware appeared. As Perko's reputation for quality increased, the company's manufacturing facility expanded and enjoyed exceptional growth into the 1930's. It was during the 1930's that Perko established itself as a full-time manufacturer of marine lights, hardware, and accessories for the pleasure boating market. This tremendous growth created the need for more facilities. The original one-story manufacturing plant in Brooklyn grew to five stories. Then six more buildings were added until finally there was no more room for expansion.

In 1932 the Perkins Marine Lamp Company corporate name was changed to Perkins Marine Lamp & Hardware Corporation, since by that time the company was becoming heavily involved in supplying the marine trade with not only navigation and decorative lights but a variety of hardware fittings for the maritime and pleasure boat market.

Louis Perkins became President in 1947 upon the passing of his father Frederick. It was also in that year that his son Marvin joined the firm. In 1959, Louis and Marvin decided to move the entire operation to a new facility in Miami, Florida. Lou's first objective at the new facility was to put everything under one roof. This meant the elimination of subcontractors and the addition of a whole range of in-house production capabilities—from mill material to finished product.

Also in 1959, Leroy F. (Roy) Hollenbeck joined Perko applying his background in manufacturing and production to assist in coordinating the layout and supervise construction of the new plant. Roy's experience in plating, engineering and design helped to improve the product line and manufacturing techniques.

The new building opened in 1960 with approximately 78,000 square feet putting all the manufacturing and offices on one floor under one roof. That facility was expanded to 90,000 square feet with the addition of a non-ferrous foundry for brass, bronze and aluminum casting in mid 1961.

By 1965, a 47,000 square foot extension was completed to house the sophisticated die-casting system that now produces zinc and bronze parts.

Marvin's son Fred Perkins, named after his great-grandfather, became the 4th generation of the Perkins family involved in the company and quickly established himself as one of the marine industry's most knowledgeable authorities on navigational light requirements. Fred started in 1969 while still attending school and became active on a full time basis in 1973. He was named assistant Vice President of manufacturing in early 1974 and in 1978 became company Secretary. His background in engineering and electronics proved to be a welcome asset to help keep the product line up to date. Over the years the company had become better known for its "PERKO" trademark. In 1976 it was decided to change the company name to Perko Incorporated.



In 1979, a 35,000 square foot plastics injection molding facility was added to enable us to produce all of the polymer products and components for our diverse product line.

Fred became president in 1997. Then in 1999 Fred's son Cameron joined the company and in 2002 his daughter Deborah joined the family business marking the 5th generation and setting the course for the future.

Today, PERKO is truly an integrated manufacturer, almost completely independent of outside vendors, with the exception of a few basic items such as light bulbs and electric wire. A whole range of complete in-house capabilities, from product design through manufacturing and assembly of finished products, enables us to eliminate most subcontractors and obtain better control of our product quality, cost and delivery.

Our sand casting foundries help us control the production of our high quality brass, bronze and aluminum castings, and offers assurance that the proper alloy is used for each job.

PERKO is the only domestic marine manufacturer producing die-cast bronze parts which are well known for strength, uniformity and quality.

Our diverse press department utilizes a variety of forming tools, including multi-stage,

progressive tooling produced in our tool room. Our large, conventional machine shop includes many secondary operations such as drilling, tapping and assembly. A separate machine shop houses a number of modern, high speed automatic chuckers for high volume items, and our three separate polishing divisions assure the correct finishing procedure for each product.

In 2005 our facility was rewired for a state-of-the-art computer network and enterprise resource planning (ERP) operation, which is taking us into the next century. Expansion continues with the substantial addition to our foundry of an Investment Casting operation. Our in-house printing, graphics and pre-press department produces almost all of our printed materials from packaging materials, box labels and instructions to full color catalogs and marketing materials. In total, careful planning over the years has enabled us to become virtually self sufficient in every department.

Throughout all of our operations, steps have been taken to efficiently assure production of the highest quality products. PERKO has been an ISO registered company since 1994. Our products are designed and manufactured to meet or exceed various standards, including ISO 9001-2008, USCG, UL, NMMA and other industry standards as well as our own quality specifications. Quality control is consistently maintained and every step forward, from our founding to the present day, has been undertaken with our customer in mind. Each PERKO product is thoroughly evaluated for safety, appearance and function.

It has always been our objective to provide our customers with the very best in marine lights, hardware and accessories at competitive prices. The marketplace has rewarded our emphasis on quality with ever increasing sales and reputation. Designed and built to the highest specifications, all PERKO products are backed with outstanding warranties and our commitment to excellence. It's a "PERKO Plus" you can count on!

To date, the PERKO facility spans 15 plus acres and over 440,000 square feet of manufacturing capability. As an American manufacturer, staying competitive today in a constantly changing global market place presents many challenges, but our vision is steadfast as we move into the next century of business. Perko maintains its commitment to quality and is proud of its heritage as an American success story for over 100 years.



### SALES POLICY

PERKO Products are sold through our established Distributors. We do not sell direct to the public or organizations. Therefore, possession of this catalog does not infer an offer to sell. Please contact your local marine supplier or visit our website [www.perko.com](http://www.perko.com) to find a supplier near you.

### PRICES AND TERMS

Our costs can change due to causes beyond our control. Therefore, our price list is only intended for the guidance of our customers and does not necessarily establish current prices. All prices are subject to change without notice.

Orders from firms having no satisfactory history or credit rating with us must be prepaid. C.O.D. shipments will be made if a 25% deposit is sent with the order. Cash discounts do not apply to C.O.D. shipments.

### DESIGNS

For the purpose of continuous improvement in our products, the designs and specifications are subject to change without notice.

### RETURN GOODS

A Repackaging Service Charge of \$10.00 net will apply to all broken packages. Products made to order are not returnable. Stock products in new, saleable condition are only returnable when permission has been granted by us, and are subject to handling and repackaging charges. Return shipping charges must be prepaid. Purchase date and invoice number are required when requesting an R.G.A. (Return Goods Authorization) number. Permission must be requested within 30 days after receipt of goods.

### WEIGHTS

The weights given in this catalog are approximate, but should be sufficient for general purposes.

### SHIPPING INSTRUCTIONS

Customers should send specific shipping instructions; otherwise, we will use our own judgement in selecting route.

### SHIPMENTS

**F.O.B. our plant, Miami, Florida**, unless quoted otherwise. We are not responsible for damage, loss or delay after goods are delivered to carrier. When loss or delay occurs, we will gladly assist in tracing or expediting, but such assistance is no criterion of responsibility.

When there is **loss or apparent visible damage** to a shipment when tendered for delivery, **do not** give the carrier a clear receipt. Note such damage on the carrier's delivery receipt and **have the driver sign the receipt.**

### CONCEALED DAMAGE OR LOSS

1. Advise the delivering carrier in writing as soon as discovered or no more than 15 days after delivery, and request carrier to make an inspection.
2. **Retain**, for the carrier's inspection, the **container** and **all packaging** with which the damaged or lost material was packaged.
3. **Shortages** - Must be reported to us within 15 days after receipt of goods.

## PERKO®

### LIMITED WARRANTY

PERKO, INC. (PERKO) warrants to the original consumer-purchaser that PERKO'S products will be free from defective materials or workmanship, and that the PERKOPLATE/PERKO-KOTE finish will remain corrosion-free under normal use and service, for a period as shown below from the original purchase date:

Product Class	Duration
Products installed by a manufacturer as original equipment	1 year or duration of the original equipment manufacturer's general accessory warranty up to 5 years, whichever is longer
Emissions system components installed by manufacturer as original equipment	2 Years
Commercial products (and/or products used in commercial service) and searchlights	1 Year
Products not included above and which are purchased over-the-counter at a retail dealer	5 Years

**ALL IMPLIED WARRANTIES, INCLUDING MERCHANTABILITY, ARE ALSO LIMITED IN DURATION TO THE WARRANTY PERIOD FROM THE ORIGINAL PURCHASE DATE.**

**PERKO SHALL NOT BE LIABLE FOR LOSS OF USE OF ANY OF ITS PRODUCTS, NOR FOR OTHER INCIDENTAL OR CONSEQUENTIAL COSTS, EXPENSES, OR DAMAGES INCURRED BY THE ORIGINAL PURCHASER OR BY ANY OTHER PERSON.**

**SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY OR MAY NOT APPLY TO YOU. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY OR MAY NOT APPLY TO YOU.**

This warranty is void if the product warranted has been damaged by accident or unreasonable use, neglect, improper service or other cause not arising out of defects in material or workmanship. Excluded from this warranty are electric light bulbs (lamps), sealed beam units and fuses. Specific warranty statements made on the smallest unit package, on the individual instruction/installation sheets, or on price quotations which accompany certain specialty, custom or individual products shall supersede this warranty.

During the warranty period, your PERKO product will either be repaired or it will be replaced with a like product (at PERKO's option) without charge to the original consumer-purchaser, when returned prepaid and insured, with proof-of-purchase date to PERKO at our factory in Miami, FL. In the event of replacement, the replacement product will continue the warranty of the original product, or ninety (90) days, whichever is longer. **Important: For this Warranty to be effective, PERKO must be supplied with Proof-Of-Purchase date of the product.**

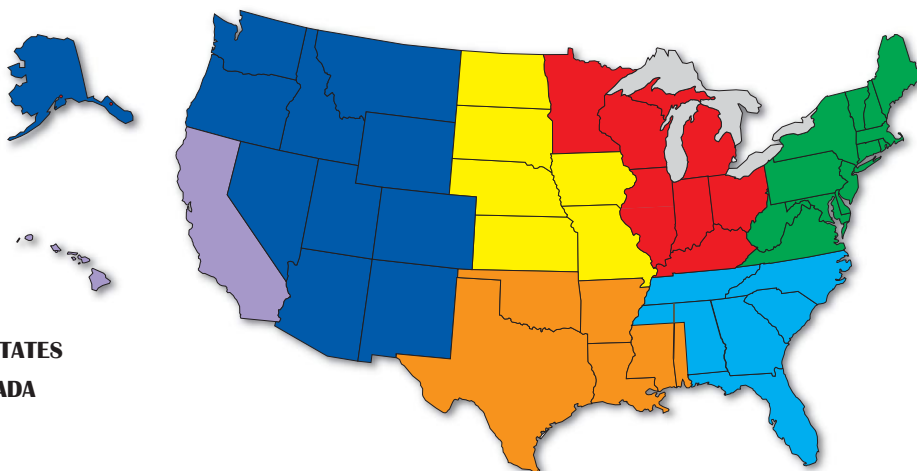
PERKO does not authorize any person or company to create for it any other obligation or liability in connection with any of its products.



PROUDLY MADE IN AMERICA FOR OVER 100 YEARS

# PERKO®

REGIONAL AND INTERNATIONAL SALES REPRESENTATIVES



UNITED STATES  
& CANADA

## Northeast

**ME, NH, VT, NO. MASS, PRINCE EDWARD ISLAND, NEW FOUNDLAND, NOVA SCOTIA & NEW BRUNSWICK**

CGW Associates  
P.O. Box 414, 354 Country Way  
Scituate, MA 02066  
Phone: 781.545.3790 Fax: 781.545.0359  
E-Mail: CGWCO@aol.com, Cell: 617.480.6559  
**CHARLES W. O'CONNOR**

**LONG ISLAND NY, SO. MASS., RI, NO. NJ**

CGW Associates  
137 Brandt Island Road  
Mattapoisett, MA 02739  
Phone: 508.758.2980 Fax: 508.758.9705  
E-Mail: CGWWO@aol.com, Cell: 617.513.5152  
**WAYNE OLIVIERA**

**MD, VA, SO. NJ, DE, PA**

CGW Associates  
1070 Ulmstead Circle, Arnold, MD 21012  
Phone: 410.757.9630 Fax: 410.757.4365  
E-Mail: KWCGW@aol.com, Cell: 410.808.3048  
**KEVIN WILLIAMS**

**UPSTATE NY, ONTARIO, MANITOBA & QUEBEC CANADA**

CGW Associates  
525 Williams St. S, Gauanoque, ON Canada K7G1T4  
Phone: 705.790.7686 Fax: 613.382.4964  
E-Mail: davealford@rogeres.com, Cell: 705.790.7686  
**DAVE ALFORD**

## Southeast

**NC, SC & Georgia**

The Gartner Group  
3521 Snead St., Morehead City, NC 28557  
Phone/Cell: 252.675.1764 Fax: 855.280.8627  
E-Mail: trey@thegartnergroup.com  
**TREY BRADLEY**

**SOUTH FLORIDA**

The Gartner Group  
1624 SW 4th Ct., Ft. Lauderdale, FL 33312  
Phone: 954.530.7223 Fax: 954.530.7209  
E-Mail: doug@thegartnergroup.com, Cell: 954.303.4541  
**DOUG PETERSON**

**TN, AL, MS & FLORIDA PANHANDLE**

The Gartner Group  
172 Chuniloti Way, Loudon, TN 37774  
Phone: 865.408.7572 Fax: 855.280.8627  
E-Mail: bob@thegartnergroup.com, Cell: 615.584.0492  
**ROBERT TAYLOR**

**NORTH FLORIDA**

The Gartner Group  
8436 Boxwood Dr., Tampa, FL 33615  
Phone: 813.901.9820, Cell: 813.382.6755  
E-Mail: james@thegartnergroup.com,  
**JAMES HOWE**

## Midwest 1

**MO, IA, ND, SD, NE, SOUTHERN MO, & SO. ILLINOIS**

Munzinger & Co., Inc.  
2010 S. Shady Hill Lane, Springfield, MO 65809  
Phone: 417.886.9184 Fax: 417.887.4306  
**JEFF MUNZINGER**  
E-Mail: jeff@munzinger.biz, Cell: 417.866.9184  
**KATHY MUNZINGER**  
E-Mail: kathy@munzinger.biz, Cell: 417.860.7992

## Midwest 2

**MI, OH, IN & KY**

Inland Marketing Associates, Inc.  
1071 Highland Ct./P.O. Box 414, Plymouth, IN 46563  
Phone: 574.936.6972, Fax: 866.377.9960  
E-Mail: edkuykendall@imarep.com  
**ED KUYKENDALL**

**IL, MN & WI**

Inland Marketing Associates, Inc.  
15050 Cedar Ave. S, #116, Apple Valley, MN 55124  
Phone/Cell: 952.454.0081 Fax: 866.650.2932  
E-Mail: brad@imarep.com  
**BRAD JOHNSON**

## South Central

**SOUTH CENTRAL TX, OK, AR  
LA, WESTERN AL, SOUTHERN MS & S.E. AR,**

MAC-HUGH & Associates, Inc.  
5540A Pepsi Street, Harahan, LA 70123  
Phone: 504.734.9411 Fax: 504.734.5144  
E-Mail: mchugh12@bellsouth.net, Cell: 504.494.4479  
**KYLE MCHUGH, BUZZ HUMPHREY,  
DAVID HILDRETH, GARRETT MCHUGH &  
KYLE MICHAEL MCHUGH, JR**

## West

**CA & HI**

The Merifield Company  
1208 SW Camano Drive, Camano Islands, WA 98282  
Phone: 360.387.5888 Fax: 360.387.3075  
E-Mail: icross@merifield.com, Cell: 360.387.5888  
**IVAN CROSS**

The Merifield Company  
PO Box 3160, Tustin, CA 92781  
Phone: 714.639.9462 Fax: 714.639.9382  
E-Mail: dnaber@msn.com, Cell: 714.322.4032  
**DAN NABER**

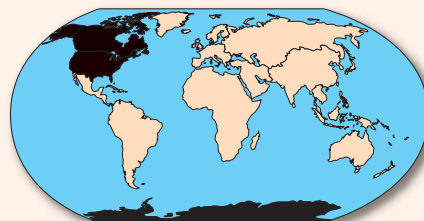
## Northwest

**ALBERTA, AK, BRITISH COLUMBIA, ID, MT,  
OR, WA, WY, NV, UT, CO, AZ & NM**

West-Line Marine Sales Co.  
Mail: P.O. Box 1564, Lake Oswego, OR 97035  
Shipping: 16598 S.W. 72nd Ave., Portland, OR 97224  
Phone: 503.639.5275 Fax: 503.684.6399  
E-Mail: westline1@verizon.net, Cell: 503.781.1835  
**BILL PASCHALL**

West-Line Marine Sales Co.  
P.O. Box 3369, Redmond, WA 98073  
14227 NE 63rd Ct., Redmond, WA 98052  
Phone: 425.883.4115 Fax: 425.885.1695  
E-Mail: jawede@msn.com, Cell: 425.985.1620  
**JOHN WEDEBERG**

## International



**(EXCLUDING UNITED STATES AND CANADA)**

E&P Marine Inc.  
2425 N.W. 33rd Ave., Miami, FL 33142  
Phone: 305.666.0509 Fax: 305.661.6505,  
E-Mail: ep@navalex.com  
**PEDRO L. RODRIGUEZ, MIGUEL A. VASALLO,  
MICHAEL VASALLO, LILLY DIAZ, EDDY HERNANDEZ**

**For Information on all Export & Foreign  
Regions Contact Perko, Inc. at  
sales@perko.com**

PROUDLY MADE IN AMERICA FOR OVER 100 YEARS

# PERKO®

OUR MODERN SELF-CONTAINED FACILITY



440,000 Sq. Ft. Home of PERKO, Inc Located on 16 Acres in Miami, FL



CNC Multi Access Drilling & Tapping Machines



CNC Turning Center with Live Tooling



CNC Lathes







# PERKO®

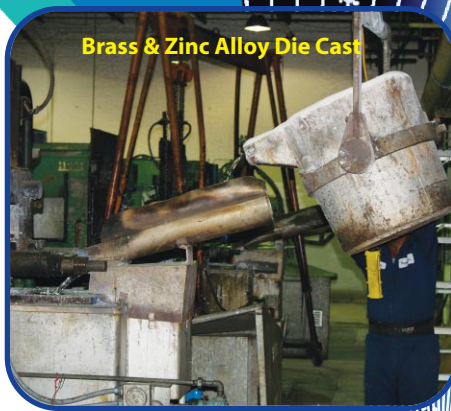
OUR MODERN SELF-CONTAINED FACILITY



Non-Ferrous Sand Cast Foundry



Chrome Plating



Brass & Zinc Alloy Die Cast



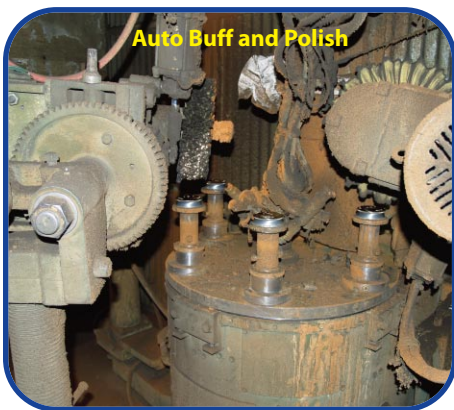
Plastic Injection Molding



Mechanical Power Punch Press



Computerized Robotic Polishing Centers



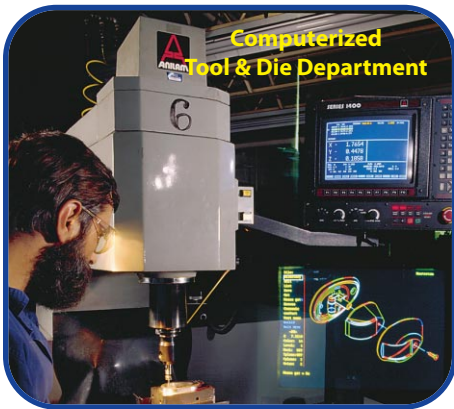
Auto Buff and Polish



Xenon Searchlights



Battery Switch Ultrasonic Welding



Computerized Tool & Die Department



Quality Control Atomic Absorption Spectrophotometry



Finished Goods Inventory



### FOR COMMERCIAL POWER DRIVEN VESSELS OVER 20 METERS (65.6 FT.) IN LENGTH

This chart is provided as a guide for light selection, not positioning. Refer to the 72 COLREGS and the U.S. inland navigation rules for positioning details. Depending upon the activity of the vessel, it may be required to carry a combination of several of the types of lights listed below. Consult your local U.S. Coast Guard office for specific vessel requirements. Refer to product listings for specific visibility arc and range requirements.

Activity	Vessel Size	Lighting Codes
Power driven, underway and making way.	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length.	SL, SN, M
Power driven, underway and making way.	Vessels over 50 Meters (164.00 ft.) in length.	SL, SN, M, MR
Towing by pushing ahead (COLREGS)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length. Barges	SL, SN, 2M SL, SN, 2M, MR SL
Towing by pushing ahead (Inland) Note: Tug and Barge rigidly connected in a composite unit. Same as power driven vessel above	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length. Barges	SL, 2T, 2M SL, 2T, 2M, MR SL
Towing Alongside (COLREGS)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length. Barges	SL, SN, 2M SL, SN, 2M, MR SL, SN
Towing Alongside (Inland)	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length. Barges	SL, 2T, 2M SL, 2T, 2M, MR SL, SN, SF
Towing Astern, tow length less than 200 meters (656.0 ft.) in length.	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length. Barges	SL, T, 2M SL, T, 2M, MR SL, SN
Towing Astern, tow length over 200 meters (656.0 ft.) in length.	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length. Barges	SL, T, 3M SL, T, 3M, MR SL, SN
Fishing, engaged, underway and making way with nets or lines astern.	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length.	SL, SN, RW SL, SN, 3M, RW
Fishing, engaged, underway and making way "trawling" dragging a dredge net.	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length.	SL, SN, GW SL, SN, 3M, GW
Fishing, engaged, underway and making way with an obstruction over the side more than 150 meters (492.0 ft.).	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels over 50 Meters (164.00 ft.) in length.	SL, SN, RW, W SL, SN, MR, RW, W
Fishing, engaged, not making way or at anchor.	Vessels of any length.	RW
Restricted in maneuverability making way.	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length.	SL, SN, M, RWR
Vessels over 50 Meters (164.00 ft.) in length.	SL, SN, MR, RWR	
Restricted in maneuverability not making way.	Vessels of any length.	RWR
Restricted in maneuverability not making way with an obstruction over the side.	Vessels of any length. Obstruction such as a pipeline.	RWR, 2R, 2G YA (See COLREGS for Details)
Restricted in maneuverability and towing.	See "towing" above for running and towing light requirements.	RWR
At Anchor	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length. Vessels 50 Meters (164.00 ft.) to 100 Meters (328.0 ft.) in length. Vessels over 100 Meters (328.0 ft.) in length.	W W, W/A W, W/A, WL
Not under command and making way.	Vessels of any length.	SL, SN, 2R
Not under command and not making way.	Vessels of any length.	2R
Aground	Vessels 20 Meters (65.6 ft.) to 50 Meters (164.00 ft.) in length.	W, 2R
Vessels over 50 Meters (164.00 ft.) in length.	W, W/A, 2R	
Pilot vessel engaged in pilotage duty.	Vessels of any length.	SL, SN, WR
Pilot vessel at anchor.	Vessels of any length.	W, WR

### Key To Lighting Codes

SL - Side Lights (Red & Green).	T - Towing Light mounted vertically above a Stern light.	W - White All-Round Light.
SN - Stern Light.	2T - 2 Towing Lights mounted in a vertical line.	W/A - White All-Round Light forward and above anchor light astern.
M - Masthead Light.	GW - Green All-Round Light mounted vertically above a White All-Round Light.	WR - White All-Round Light mounted vertically above a Red All-Round Light.
MR - Masthead "Range" Light.	RW - Red All-Round Light mounted vertically above a White All-Round Light.	SF - Special Flashing Yellow Barge Light.
2M - 2 Masthead Lights mounted in a vertical line.	RWR - 3 All-Round Lights mounted vertically, the highest and lowest being red and the middle being white.	YA - Yellow All-Round Light.
3M - 3 Masthead Lights mounted in a vertical line.		WL - Working lights that illuminate the deck.
2R - 2 Red All-Round Lights mounted in a vertical line.		
2G - 2 Green All-Round Lights mounted in a vertical line.		



# PERKO® UNDERSTANDING NAVIGATION LIGHT CERTIFICATIONS

## For Navigation Lights on Vessels Over 20 Meters (65.6 ft.) in Length

On March 31, 1977, the U.S. Coast Guard published, in the Federal Register, an amendment to the navigation and navigable water regulations which added a new subchapter DD, (33 CFR 87). This subchapter contains rules implementing and interpreting the International Regulations for Preventing Collisions at Sea, 1972 ('72 COLREGS). The International Regulations for Preventing Collisions at Sea, 1960, were replaced by the '72 COLREGS at 1200 hours, zone time on July 15, 1977. Therefore, all vessels on the high seas must comply with the '72 COLREGS at this time. In addition, with the enactment of the U.S. Inland Navigation Rules Act of 1980, the Inland Rules, Western Rules, and Great Lakes Rules were unified into a single set of requirements. The effective date for this legislation was December 24, 1981 (March 1, 1983 for Great Lakes). Therefore, all vessels must comply with these rules at this time.

Rules 21 and 22 of the '72 COLREGS and the U.S. Inland Navigation Rules give the color and range requirements for various navigation lights. Annex 1 to the '72 COLREGS and the U.S. Inland Navigation Rules gives positioning and technical details for these lights.

### U.S. Coast Guard Acceptance of Navigation Lights

All U.S. Registered vessels are subject to either the '72 COLREGS or the U.S. Inland Rules. The U.S. Coast Guard is accepting lights that have passed the UL tests (A.B.Y.C. A-1104) as meeting the '72 COLREGS and the U.S. Inland Rules for vessels over 20 meters (65.6 ft.) in length. U.S. requirements for smaller vessels are less strict. As the first domestic manufacturer to pass UL 1104, PERKO's lights can be installed on vessels over 20 meters (65.6 ft.) in length. Some models are designed for use on vessels over 20 meters (65.6 ft.) in length, while others are designed for use on vessels 20 meters (65.6 ft.) to 50 meters (164.0 ft.) in length.

A brass tag is permanently affixed to the light indicating the type of light, catalog number, voltage and bulb type to install to meet the visibility requirements. It also states that the light is classified by UL in accordance with the '72 COLREGS (343F). This is the only documentation needed by a vessel for navigation lights to certify light construction compliance with the '72 COLREGS and the Inland Navigation Rules, and eliminates the former "Certificate of Compliance".



### Each Light Has Its Own Serial Number For Identification.

The lights indicated for use on vessels over 20 meters (65.6 ft.) in length have passed UL 1104. The sample of the tag shown above is used on our cast bronze lights. Similar rectangular tags are used on other style lights.

Please note that any changes made to PERKO navigation lights, including substitution of bulbs other than those shown in our catalog, instruction sheets, or metal tags (affixed to some lights) will void all certifications and U.S. Coast Guard acceptance.

For the present, the U.S. Coast Guard will not publish a list of UL classified lights. However, field offices have been notified. For more detailed information, consult the complete '72 COLREGS, the U.S. Inland Navigation Rules, and your local U.S. Coast Guard office.

### Special Purpose Lights

Other lights (not shown) for use where the vessel is subject to special local requirements are available. Contact PERKO for further information.

### Small Boats Under 20 Meters (65.6 Ft.)

U.S. requirements for smaller vessels are less strict and they differ depending on when the boat was built.

#### Small Boats Built After 11/1/03

The only recognized means of certification of lights for these boats is the USCG approval system. This system uses independent, 3rd party USCG approved labs to conduct some of the tests required for the A-16 certification. On all USCG approved lights, the permanent marking USCG 1nm, USCG 2nm or USCG 3nm (depending on whether the light is a 1-mile, 2-mile or 3-mile light) must be visible when the light is installed. Note that certifications may vary with voltage (e.g. USCG approved for 12-volt and A-16 certified for 24-volt).

#### Small Boats Built Before 11/1/03

Lights for these boats must be manufactured in accordance with the American Boat and Yacht Council (A.B.Y.C.) Standard A-16. The primary means of certification recognized in the United States for lights for these boats is through the National Marine Manufacturers' Association (NMMA) certification procedure. USCG approved lights, as described below, are also approved for these applications. All PERKO small boat lights designed for use on boats built before 11/1/03 are certified under this NMMA Certification Procedure. All lights certified under this procedure are required to permanently carry the mark "A-16" visibly displayed when the light is installed.



**Look for this symbol for lights that are third party USCG Certified**



**Look for this symbol for lights that are only certified to A.B.Y.C A-16 as "Replacement Lights" only**

(1) Does not apply to vessels under 7 meters which are not powered



### The New "Flex Mount" Navigation Light System

"Perko's new "Flex Mount" system allows the same light to be used for both single and double mount applications. A powder coated aluminum, high strength support structure holds 2 individual lights and mounts to the deck. Then, should either of the two lights be damaged, the damaged light can be easily removed from the support structure and replaced leaving the undamaged light in place significantly reducing the cost of the repair."

Double Mount Light Shown



Fig. 1080 All-Round Light

See Complete Series on Page C-11

Single Mount Light Shown



Fig. 1380 All-Round Light

See Complete Series on Page C-12

**NEW PRODUCT**

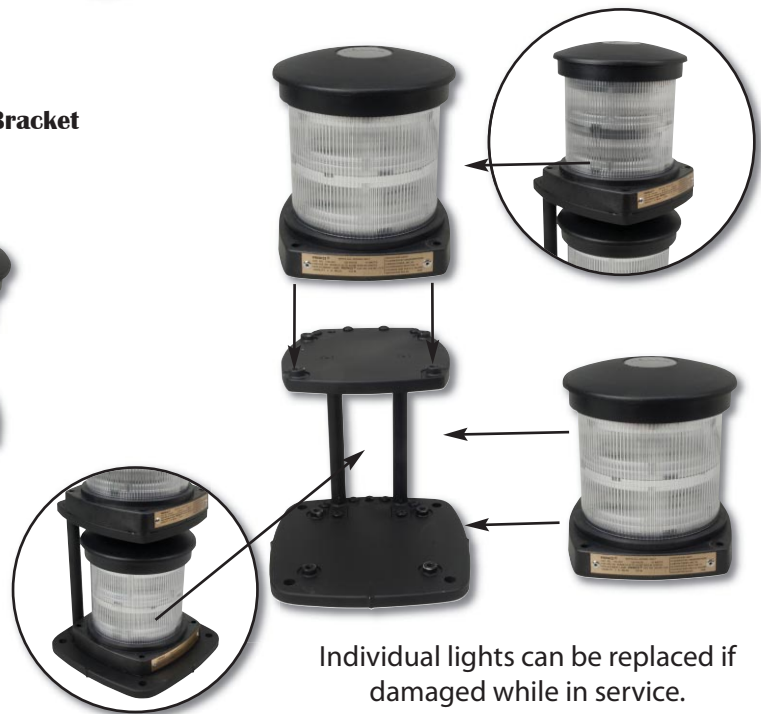


Fig. 1381 Aluminum Mounting Bracket

Double Mount Light Components Mounting Bracket



Two Replaceable Single Mount Lights



Individual lights can be replaced if damaged while in service.



# PERKO®

## FLEX MOUNT SYSTEM L.E.D. DOUBLE STACK NAVIGATION LIGHT SETS

### Flex Mount System

#### Figs. 1077 - 1080 Series L.E.D. Double Stack Navigation Lights

Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length



#### CONSTRUCTION:

- Black or White Polymer
- Pre-Wired with 3 Feet of 16/3-SO Cable
- Translucent color specific insert on top of light
- Independent Mounting Bracket allows for Easy interchange of light fixtures



**Fig. 1077**  
Green & Red Side Lights



**Fig. 1078**  
Masthead Light



**Fig. 1079**  
Stern Light



**Fig. 1079**  
Towing Light



**Fig. 1080**  
All-Round Light

#### Ordering Info

Black Polymer Description	Visibility Arc	Visibility Miles	120 VAC	12/24 VDC	Ship Wt. Carton Lbs. Standard Pkg.
			Black Polymer Std. Pkg. 1 Pc.	Black Polymer Std. Pkg. 1 Pc.	
Red Side Light	112-1/2°	2	1077R00BLK	1077R01BLK	7.5
Green Side Light	112-1/2°	2	1077G00BLK	1077G01BLK	7.5
White Masthead Light	225°	5	1078000BLK	1078001BLK	7.4
White Stern Light	135°	2	1079000BLK	1079001BLK	7.5
Yellow Towing Light	135°	2	1079M00BLK	1079M01BLK	7.5
White All-Round Light	360°	3	1080000BLK	1080001BLK	7.2
White All-Round Light**	360°	5	1080H00BLK	1080H01BLK	7.2
Red All-Round Light	360°	2	1080R00BLK	1080R01BLK	7.2
Green All-Round Light	360°	2	1080G00BLK	1080G01BLK	7.2
Yellow All-Round Light	360°	2	1080M00BLK	1080M01BLK	7.2

White Polymer Description	Visibility Arc	Visibility Miles	120 VAC	12/24 VDC	Ship Wt. Carton Lbs. Standard Pkg.
			White Polymer Std. Pkg. 1 Pc.	White Polymer Std. Pkg. 1 Pc.	
Red Side Light	112-1/2°	2	1077R00WHT	1077R01WHT	7.5
Green Side Light	112-1/2°	2	1077G00WHT	1077G01WHT	7.5
White Masthead Light	225°	5	1078000WHT	1078001WHT	7.4
White Stern Light	135°	2	1079000WHT	1079001WHT	7.5
Yellow Towing Light	135°	2	1079M00WHT	1079M01WHT	7.5
White All-Round Light	360°	2	1080000WHT	1080001WHT	7.2
White All-Round Light**	360°	5	1080H00WHT	1080H01WHT	7.2
Red All-Round Light	360°	2	1080R00WHT	1080R01WHT	7.2
Green All-Round Light	360°	2	1080G00WHT	1080G01WHT	7.2
Yellow All-Round Light	360°	2	1080M00WHT	1080M01WHT	7.2

#### Tech Info

- L.E.D.: Operates on 12 and 24 VDC or 120 and 240 VAC Systems
- No user serviceable parts
- Screw Size: 1/4"
- Height Overall: 6"
- Height Lens: 3-1/2"



MARINE NAVIGATION LIGHT CERTIFIED TO THE USCG AND '72 COLREGS BY IMANNA LABS IN ACCORDANCE WITH A.B.Y.C. A-1104. FOR USE ON VESSELS 20 METERS TO 50 METERS.



Fig. 1381000BLK Spare Bracket for mounting Double Stack lights

Special lights to meet local requirements are available upon request

\*\*For Great Lakes use

Note: L.E.D.'s have no user serviceable parts



1



### Flex Mount System

#### Figs. 1377 - 1380 Series Single L.E.D. Navigation Lights

Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length

#### CONSTRUCTION:

- Black or White Polymer
- Pre-Wired with 3 Feet of 16/3-SO Cable
- Translucent color specific insert on top of light



**Fig. 1377**  
Red & Green Side Lights

**Fig. 1378**  
Masthead Light

**Fig. 1379**  
Stern Light

**Fig. 1379**  
Towing Light

**Fig. 1380**  
All-Round Light

#### Ordering Info

Description	Visibility Arc	Visibility Miles	120/240 VAC		12/24 VDC		Ship Wt. Carton Lbs. Standard Pkg.
			Black Polymer Std. Pkg. 1 Pc.	Black Polymer Std. Pkg. 1 Pc.	Black Polymer Std. Pkg. 1 Pc.	Black Polymer Std. Pkg. 1 Pc.	
Red Side Light	112-1/2°	2	1377R00BLK	1377R01BLK	1377R01BLK	1377R01BLK	3.2
Green Side Light	112-1/2°	2	1377G00BLK	1377G01BLK	1377G01BLK	1377G01BLK	3.2
White Masthead Light	225°	5	1378000BLK	1378001BLK	1378001BLK	1378001BLK	3.1
White Stern Light	135°	2	1379000BLK	1379001BLK	1379001BLK	1379001BLK	3.2
Yellow Towing Light	135°	2	1379M00BLK	1379M01BLK	1379M01BLK	1379M01BLK	3.2
White All-Round Light	360°	2	1380000BLK	1380001BLK	1380001BLK	1380001BLK	3.0
White All-Round Light**	360°	5	1380H00BLK	1380H01BLK	1380H01BLK	1380H01BLK	3.0
Red All-Round Light	360°	2	1380R00BLK	1380R01BLK	1380R01BLK	1380R01BLK	3.0
Green All-Round Light	360°	2	1380G00BLK	1380G01BLK	1380G01BLK	1380G01BLK	3.0
Yellow All-Round Light	360°	2	1380M00BLK	1380M01BLK	1380M01BLK	1380M01BLK	3.0

Description	Visibility Arc	Visibility Miles	120/240 VAC		12/24 VDC		Ship Wt. Carton Lbs. Standard Pkg.
			White Polymer Std. Pkg. 1 Pc.	White Polymer Std. Pkg. 1 Pc.	White Polymer Std. Pkg. 1 Pc.	White Polymer Std. Pkg. 1 Pc.	
Red Side Light	112-1/2°	2	1377R00WHT	1377R01WHT	1377R01WHT	1377R01WHT	3.2
Green Side Light	112-1/2°	2	1377G00WHT	1377G01WHT	1377G01WHT	1377G01WHT	3.2
White Masthead Light	225°	5	1378000WHT	1378001WHT	1378001WHT	1378001WHT	3.1
White Stern Light	135°	2	1379000WHT	1379001WHT	1379001WHT	1379001WHT	3.2
Yellow Towing Light	135°	2	1379M00WHT	1379M01WHT	1379M01WHT	1379M01WHT	3.2
White All-Round Light	360°	2	1380000WHT	1380001WHT	1380001WHT	1380001WHT	3.0
White All-Round Light**	360°	5	1380H00WHT	1380H01WHT	1380H01WHT	1380H01WHT	3.0
Red All-Round Light	360°	2	1380R00WHT	1380R01WHT	1380R01WHT	1380R01WHT	3.0
Green All-Round Light	360°	2	1380G00WHT	1380G01WHT	1380G01WHT	1380G01WHT	3.0
Yellow All-Round Light	360°	2	1380M00WHT	1380M01WHT	1380M01WHT	1380M01WHT	3.0

#### Tech Info

- L.E.D.: Operates on 12 and 24 VDC or 120 and 240 VAC Systems
- Screw Size: 1/4"
- Height Overall: 6"
- Height Lens: 3-1/2"



MARINE NAVIGATION LIGHT CERTIFIED TO THE USCG AND '72 COLREGS BY IMANNA LABS IN ACCORDANCE WITH A.B.Y.C. A-1104. FOR USE ON VESSELS 20 METERS TO 50 METERS.

Fig. 1381000BLK Bracket for mounting Double Stack lights.



Special lights to meet local requirements are available upon request

\*\*For Great Lakes use

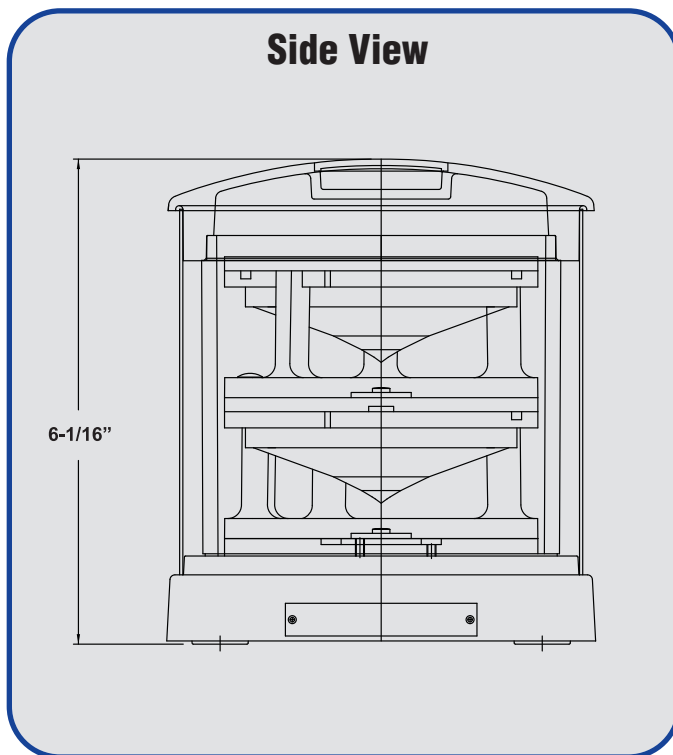
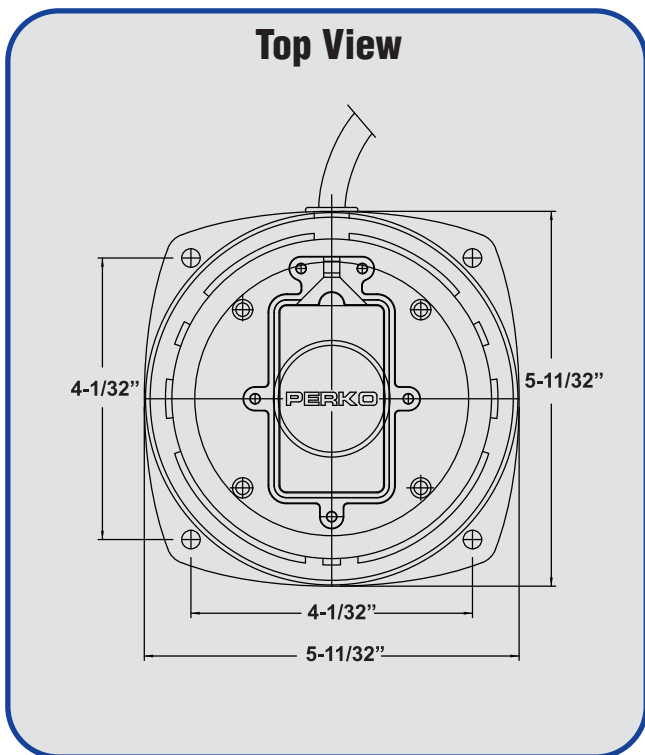
Note: L.E.D.'s have no user serviceable parts



### Figs. 1377 - 1380 Series L.E.D. Navigation Lights

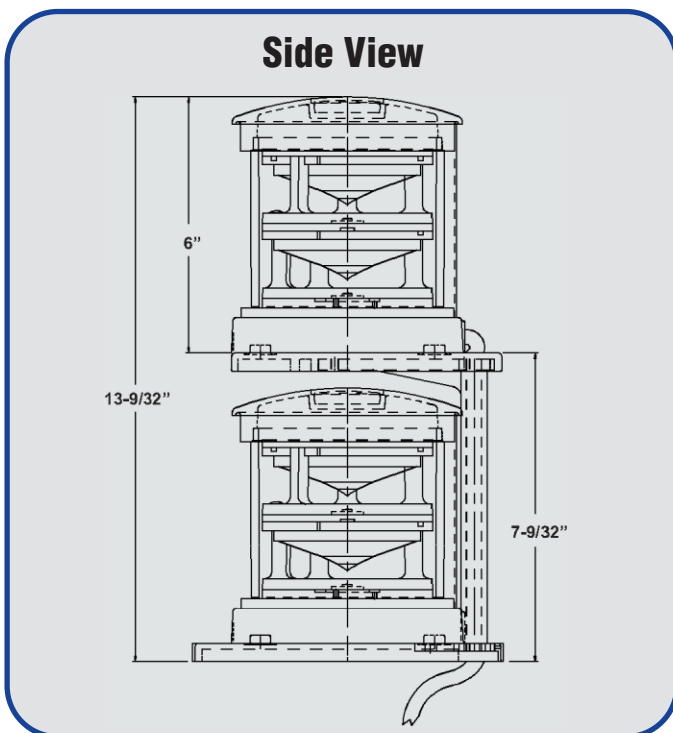
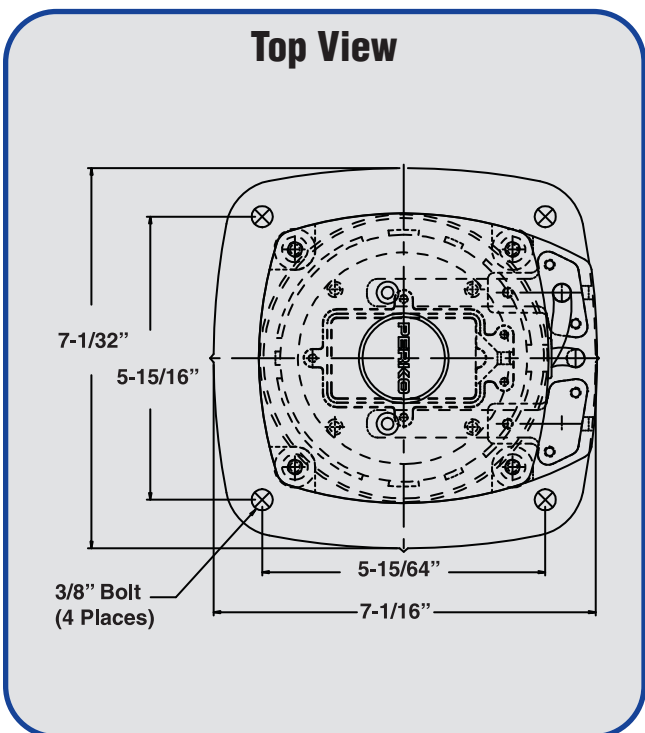
Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length

Fig. Nos. 1377 to 1380 Series Single Lens L.E.D. Navigation Light Technical Information (See Lights on Page C-12)



Note: L.E.D.'s have no user serviceable parts

Fig. Nos. 1077 to 1080 Series Double Lens L.E.D. Navigation Light Technical Information (See Lights on Page C-11)



Note: L.E.D.'s have no user serviceable parts

# PERKO® DOUBLE LENS L.E.D. NAVIGATION LIGHTS



1



## Figs. 1384 - 1388 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

### CONSTRUCTION:

- Lightweight, Durable Fiber-Filled Polycarbonate
  - Black Polymer
- Includes Two 3 Foot Lengths of 16/3-SO Cable Through Watertight Terminal Tubes
- Watertight Access Cap for Rebulbing and Cleaning

### Upper Lens Section - For "Back-Up" Use

- Removable Incandescent Bulb
- Pre-Wired Medium Prefocus Socket
- 24, 120 & 220 Volt Options, Bulb Not Included
- Rough Service Bulbs Available

### Lower Lens Section - Permanently Sealed L.E.D. Chamber

- Long Life, Maintenance Free L.E.D. (120 VAC Only)

### Ordering Info

Description	Visibility Arc	Visibility Miles	Cat. No. Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.
Red Side Light	112-1/2°	3	1384RE0BLK	10.5
Green Side Light	112-1/2°	3	1384GE0BLK	10.5
White Masthead Light	225°	6	1385E00BLK	11.2
White Stern Light**	135°	3	1386E00BLK	10.0
Yellow Towing Light	135°	3	1386ME0BLK	10.0
White All-Round Light**	360°	3	1387E00BLK	10.0
White All-Round Light***	360°	6	1387HE0BLK	10.0
Red All-Round Light	360°	3	1388RE0BLK	10.0
Green All-Round Light	360°	3	1388GE0BLK	10.0
Yellow All-Round Light	360°	3	1388ME0BLK	10.0

### Tech Info

Bulb Upper: 24, 120 or 220 Volt (Not Included)

Lower: 120 VAC L.E.D.

Mounting Bolt Size: 3/8"

Height Overall: 18-3/8" (Masthead 20-1/4")

Height Lens: 6-3/4"

Special lights to meet local requirements are available upon request.

\*\*These lights are supplied with a Gray Tinted Lens (upper section only)

\*\*\*For Great Lakes use



Close-up of Sealed L.E.D. Chamber



Fig. 1384  
Green Side Light



Fig. 1385  
White Masthead



Fig. 1386  
Yellow Towing



Fig. 1386  
White Stern



Fig. 1384  
Red Side Light

### IMPORTANT INCANDESCENT BULB DATA- TOP LENS SECTION

To comply with the UL Standard A-1104 (A.B.Y.C.), the lights listed on this page must be used with the following:

For 24 Volt Use: Cat. No. 0342024CLR,

For 120 Volt Use: Cat. No. 0342004CLR or For "Rough Service" Use Cat. No. 0342RS4CLR

For 220 Volt Use: Cat. No. 0342220CLR

Note: L.E.D.'s have no user serviceable parts

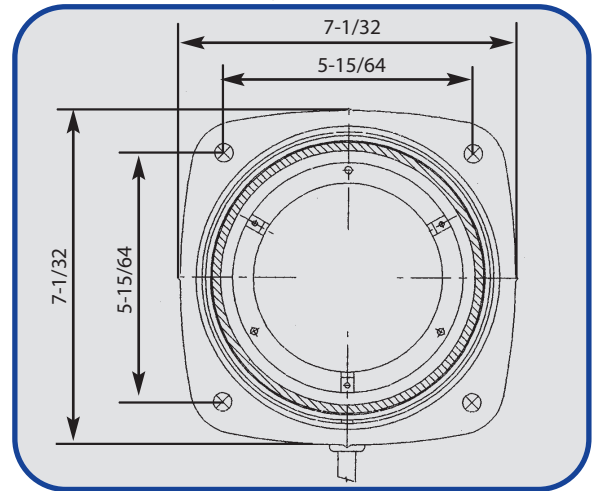
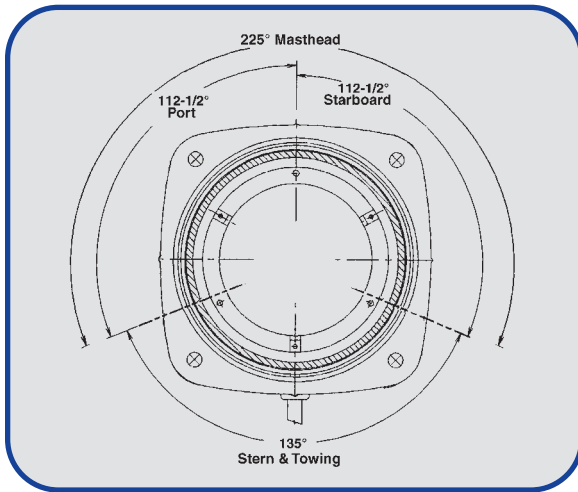




# DOUBLE LENS L.E.D. NAVIGATION LIGHTS - TECHNICAL INFORMATION

## Figs. 1384 - 1388 Series Lights - Technical Information

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length



4 - Mounting Holes, for 3/8 inch bolts, Spaced 5-15/64 apart on Center

**Figs. 1384, 1386, 1387 & 1388 Series Lights**

**SPARE PARTS ORDERING INFORMATION**

- 1) Access Cap Assembly Including Top Socket  
Cat. No. 1363DBLBLK
- 2) Medium Prefocus Socket  
Cat. No. 0367
- 3) Bulb Information  
24V = 0342024CLR  
120V = 0342004CLR & 0342RS4CLR  
220V = 0342220CLR

Note: L.E.D. Chamber Permanently Sealed

**Fig. 1385 Masthead Light**

**SPARE PARTS ORDERING INFORMATION**

- 1) Access Cap Assembly Including Top Socket  
Cat. No. 1363DBLBLK
- 2) Medium Prefocus Socket  
Cat. No. 0367
- 3) Bulb Information  
24V = 0342024CLR  
120V = 0342004CLR & 0342RS4CLR  
220V = 0342220CLR

Note: L.E.D. Chamber Permanently Sealed

See Page C-40 for Bulb Information.



### Fig. 0210 Series L.E.D. Navigation Lights

Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length



#### CONSTRUCTION:

- Base or Top Mount Options
- Top Mount includes Stainless Steel Mounting Bracket
- Black or White Polymer
- Clear Polymer Lens
- 12/24 VDC L.E.D.

#### Ordering & Tech Info - For 12/24 Volt Lights

	Visibility Arc	Black Dealer Pkg. 1 Pc. 1 Pc. per Box	White Std. Pkg. 1 Pc. per Box	Visibility Miles	Ship Wt. Carton Lbs. D.P./Std. Pkg.
<b>Top Mount</b>					
Red Side Light	112-1/2°	0210PT0DP1	0210PT0W01	2	1.0/1.0
Green Side Light	112-1/2°	0210SDTDP1	0210SDTW01	2	1.0/1.0
White Masthead Light	225°	0210MT0DP1	0210MT0W01	3	1.0/1.0
White Stern Light	135°	0210SNTDP1	0210SNTW01	2	1.0/1.0
Yellow Towing Light	135°	0210TWTDP1	0210TWTW01	2	1.0/1.0
<b>Base Mount</b>					
Red Side Light	112-1/2°	0210PB0DP1	0210PB0W01	2	1.0/1.0
Green Side Light	112-1/2°	0210SDBDP1	0210SDBW01	2	1.0/1.0
White Masthead Light	225°	0210MB0DP1	0210MB0W01	3	1.0/1.0
White Stern Light	135°	0210SNBDP1	0210SNBW01	2	1.0/1.0
Yellow Towing Light	135°	0210TWBDP1	0210TWW01	2	1.0/1.0
White All-Round Light	360°	0210SWBDP1	0210SWBW01	2	0.9/0.9
Red All-Round Light	360°	0210SRBDP1	0210SRBW01	2	0.9/0.9
Green All-Round Light	360°	0210SGBDP1	0210SGBW01	2	0.9/0.9

#### Tech Info

Mount Option	Voltage	Height Overall Inches	Projection Inches	O.D. Base Inches	Vertical Height	Screw Size
Top Mount	12/24 VDC	4-13/16	3-5/16	-----	1-5/8	8
Base Mount	12/24 VDC	3-13/16	-----	4-1/4	2-3/16	8

Fig. 0210SNB

Fig. 0210SGB

Fig. 0210SRB

Fig. 0210TWB



Fig. 0210SNT

Fig. 0210SDT

Fig. 0210PB0

Fig. 0210SDB

Fig. 0210PT0

Fig. 0210TWT



Note: L.E.D. lights have no user serviceable parts

See Page C-32-33 for Technical Information.



# PERKO® EUROPEAN STYLE L.E.D. NAVIGATION LIGHT SETS

## Fig. 0170 Series European Style L.E.D. Vertical Mount Navigation Lights

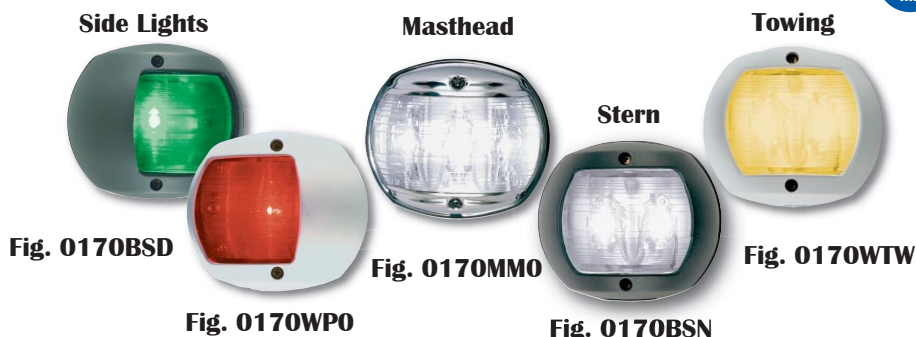
Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

### CONSTRUCTION:

- Chrome Plated Brass Top, Black Polymer Base
- Black or White Polymer
- 12 or 24 Volt Options

**Tech Info**

12 or 24 Volt L.E.D.  
Height Overall: 3-5/8"  
Width Overall: 4-1/8"  
Proj. Overall: 2-1/2"  
Screw Size: #10



1

### L.E.D. 0170 Series - Ordering Information

	Visibility Arc	Visibility Miles	12 Volt Dealer Pkg. 1 Pc. per Card	12 Volt Std. Pkg. 1 Pc.	24 Volt Dealer Pkg. 1 Pc. per Card	24 Volt Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. DP/Std Pkg.
<b>Black Polymer</b>							
Red Side Lit	112-1/2°	2	0170BP0DP3	0170BP012L	0170BP0DP4	0170BP024L	0.7/0.7
Green Side Light	112-1/2°	2	0170BSDDP3	0170BSD12L	0170BSDDP4	0170BSD24L	0.7/0.7
White Masthead	225°	3	0170BM0DP3	0170BM012L	0170BM0DP4	0170BM024L	0.7/0.7
White Stern Light	135°	2	0170BSNDP3	0170BSN12L	0170BSNDP4	0170BSN24L	0.7/0.7
Yellow Towing	135°	2	0170BTWDP3	0170BTW12L	0170BTWDP4	0170BTW24L	0.7/0.7
<b>Chrome Plated Brass</b>							
Red Side Light	112-1/2°	2	0170MP0DP3	0170MP012L	0170MP0DP4	0170MP024L	0.8/0.8
Green Side Light	112-1/2°	2	0170MSDDP3	0170MSD12L	0170MSDDP4	0170MSD24L	0.8/0.8
White Masthead	225°	3	0170MM0DP3	0170MM012L	0170MM0DP4	0170MM024L	0.8/0.8
White Stern Light	135°	2	0170MSNDP3	0170MSN12L	0170MSNDP4	0170MSN24L	0.8/0.8
Yellow Towing	135°	2	0170MTWDP3	0170MTW12L	0170MTWDP4	0170MTW24L	0.8/0.8
<b>White Polymer</b>							
Red Side Light	112-1/2°	2	0170WP0DP3	0170WP012L	0170WP0DP4	0170WP024L	0.7/0.7
Green Side Light	112-1/2°	2	0170WSDDP3	0170WSD12L	0170WSDDP4	0170WSD24L	0.7/0.7
White Masthead	225°	3	0170WM0DP3	0170WM012L	0170WM0DP4	0170WM024L	0.7/0.7
White Stern Light	135°	2	0170WSNDP3	0170WSN12L	0170WSNDP4	0170WSN24L	0.7/0.7
Yellow Towing	135°	2	0170WTWDP3	0170WTW12L	0170WTWDP4	0170WTW24L	0.7/0.7

See Page C-35 for Technical Information.

## Figs. 1342 & 1345 L.E.D. White All-Round Lights

Certified For Use on Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

### CONSTRUCTION:

- Reduced Glare Design with Clear Fluted Lens & Frosted Globe

**Fig. 1342:** Black Polymer Top

- 3/4" Pipe Mount Threaded Aluminum Base

**Fig. 1345:** White Polymer Top & Base

- Fixed Mount Base

**Ordering Info**

Voltage	Vertical Height Inches	Dealer Pkg. 1 Pc. per Card	OEM Bulk Pkg. 1 Pc.	Ship Wt. Carton Lbs. DP/OEM Bulk
12	7-1/8	1345DP1WHT	1345001WHT	0.8/0.5
12	4-5/8	-----	1342001BLK	0.6
24	4-5/8	-----	1342002BLK	0.6

**Tech Info**

**Fig. 1345**  
12 Volt L.E.D.  
Pole: 3/4" Dia. Anodized  
Screw Size: #8  
Base Dimensions:  
1" x 2-5/8"

**Fig. 1342**  
12 or 24 Volt L.E.D.  
For 3/4" Pipe  
Base Dimensions:  
1-1/2" O.D.



L.E.D.'s have no user serviceable parts



### Figs. 1369 - 1374 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

#### CONSTRUCTION:

- Lightweight But Durable Fiber-Filled Black Polymer
  - Pre-Wired Medium Prefocus Socket
- Includes One 3 Foot Length of 16/3-SO Cable Through Watertight Terminal Tubes
- Watertight Access Cap for Rebulbing and Cleaning
  - Rough Service Bulbs are Available

Ordering Info				
Description	Visibility Arc	Visibility Miles	Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.
Red Side Light	112-1/2°	3	1372RE0BLK	4.4
Green Side Light	112-1/2°	3	1372GE0BLK	4.4
White Masthead Light	225°	6	1373E00BLK	4.3
White Stern Light*	135°	3	1374E00BLK	4.4
Yellow Towing Light	135°	3	1374ME0BLK	4.4
White All-Round Light*	360°	3	1369E00BLK	4.1
White All-Round Light**	360°	6	1369HE0BLK	4.1
Red All-Round Light	360°	3	1370RE0BLK	4.1
Green All-Round Light	360°	3	1370GE0BLK	4.1
Yellow All-Round Light	360°	3	1370ME0BLK	4.1

Tech Info
Bulb: 24, 120 or 220 Volt (Not Included, see below)
Mounting Bolt Size: 3/8"
Height Overall: 9-1/4"
Height Lens: 6-3/4"

Special lights to meet local requirements are available upon request.  
 \*These lights are supplied with a Gray Tinted Lens  
 \*\*For Great Lakes use

**Fig. 1372**  
Green Side Light



**Fig. 1370**  
Green All-Round



**Fig. 1372**  
Red Side Light



**Fig. 1370**  
Red All-Round



**Fig. 1373**  
White Masthead



**Fig. 1370**  
Yellow All-Round



**Fig. 1374**  
White Stern



#### IMPORTANT BULB DATA

To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed on this page **must** be used with the following PERKO bulbs:

- 24 Volt Use Cat. No. 0342024CLR
- 120 Volt Use Cat. No. 0342004CLR or 0342RS4CLR when a "Rough Service" bulb is required.
- 220 Volt Use Cat. No. 0342220CLR.

#### SPARE PARTS ORDERING INFORMATION

- Access Cap Assembly: 1363SGLBLK
- Medium Prefocus Socket: 0367
- Bulb Information:
  - 24V = 0342024CLR
  - 120V = 0342004CLR or 0342RS4CLR
  - 220V = 0342220CLR

See Page C-40 for Bulb Information.



# PERKO® DOUBLE LENS NAVIGATION LIGHTS

## Figs. 1364 - 1368 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length



### CONSTRUCTION:

- Lightweight But Durable Fiber-Filled Black Polymer
- Pre-Wired Medium Prefocus Socket
- Includes Two 3 Foot Lengths of 16/3-SO Cable Through Watertight Terminal Tubes
- Watertight Access Cap for Rebulbing and Cleaning
- Rough Service Bulbs are Available

Ordering Info				Tech Info	
Description	Visibility Arc	Visibility Miles	Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.	
Red Side Light	112-1/2°	3	1364REOBLK	7.0	Bulb: 24, 120 or 220 Volt (Not Included)  Mounting Bolt Size: 3/8" Height Overall: 17-1/4" Height Lens: 6-3/4"
Green Side Light	112-1/2°	3	1364GEOBLK	7.0	
White Masthead Light	225°	6	1365E00BLK	6.9	
White Stern Light*	135°	3	1366E00BLK	6.9	
Yellow Towing Light	135°	3	1366ME0BLK	6.9	
White All-Round Light*	360°	3	1367E00BLK	6.3	
White All-Round Light**	360°	6	1367HE0BLK	6.3	
Red All-Round Light	360°	3	1368RE0BLK	6.3	
Green All-Round Light	360°	3	1368GE0BLK	6.3	
Yellow All-Round Light	360°	3	1368ME0BLK	6.3	

Special lights to meet local requirements are available upon request

\*These lights are supplied with a Gray Tinted Lens

\*\*For Great Lakes use



**Fig. 1364**  
Green Side Light



**Fig. 1368**  
Red All-Round



**Fig. 1366**  
Yellow Towing



**Fig. 1367**  
White All-Round



**Fig. 1364**  
Red Side Light

**IMPORTANT BULB DATA**  
To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed on this page must be used with the following PERKO bulbs:  
24 Volt Use Cat. No. 0342024CLR  
120 Volt Use Cat. No. 0342004CLR or 0342RS4CLR when a "Rough Service" bulb is required.  
220 Volt Use Cat. No. 0342220CLR.

### SPARE PARTS ORDERING INFORMATION

- Access Cap Assembly Including Top Socket: 1363DBLBLK
- Medium Prefocus Socket: 0367
- Bulb Information:  
24V = 0342024CLR  
120V = 0342004CLR or 0342RS4CLR  
220V = 0342220CLR

See Page C-40 for Bulb Information.



### Figs. 1169 - 1174 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

#### CONSTRUCTION:

- Heavy Duty Cast Bronze
- Pre-Wired Medium Prefocus Socket
- 3 Feet of 16/3-SO Cable Through a Watertight Terminal Tube
  - Watertight Access Cap for Rebulbing and Cleaning
    - 120 Volt Only, Bulb Not Included
- Rough Service Bulbs are Available

Ordering Info				Tech Info
Description	Visibility Arc	Visibility Miles	Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.
Red Side Light	112-1/2°	3	1172RE0PLB	12.4
Green Side Light	112-1/2°	3	1172GE0PLB	12.4
White Masthead Light	225°	6	1173E00PLB	12.4
White Stern Light*	135°	3	1174E00PLB	12.4
Yellow Towing Light	135°	3	1174ME0PLB	12.6
White All-Round Light*	360°	3	1169E00PLB	11.2
White All-Round Light**	360°	6	1169HE0PLB	11.2
Red All-Round Light	360°	3	1170RE0PLB	11.2
Green All-Round Light	360°	3	1170GE0PLB	11.2
Yellow All-Round Light	360°	3	1170ME0PLB	11.2

Bulb: 120 Volt  
(Not Included)  
0342004CLR or 0342RS4CLR

Mounting Bolt Size: 3/8"  
Height Overall: 9-1/4"  
Height Lens: 6-3/4"

Special lights to meet local requirements are available upon request

\*These lights are supplied with a Gray Tinted Lens

\*\*For Great Lakes use

**Fig. 1172**  
Green Side Light



**Fig. 1170**  
Green All-Round



**Fig. 1170**  
Red All-Round



**Fig. 1172**  
Red Side Light



**Fig. 1173**  
White Masthead



**Fig. 1170**  
Yellow All-Round



**Fig. 1174**  
White Stern



#### Spare Parts Ordering Information

Spare Lenses:

- Red: 0261001RED
- Green: 0261001GRN
- White: 0261001CLR
- Gray: 0261001GRY
- Yellow: 0261001YLW

- Lens Gasket: 1143
- O-Ring for Cap: 1119
- Medium Prefocus Socket: 0367
- Lens Retaining Clip with Bolt: 1133
- Access Cap, O-Ring and Retainer: 1105000BLK

**IMPORTANT BULB DATA**  
To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed on this page must use a PERKO Cat. No. 0342004CLR bulb or 0342RS4CLR bulb when a "Rough Service" bulb is required.

See Page C-40 for Bulb Information.



# PERKO® DOUBLE LENS NAVIGATION LIGHTS

## Figs. 1164 - 1168 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

### CONSTRUCTION:

- Heavy Duty Cast Bronze
- Pre-Wired Medium Prefocus Socket in Each Compartment
- Two 3 Foot Lengths of 16/3-SO Cable Through a Watertight Terminal Tube
- Watertight Access Cap for Rebulbing and Cleaning
- 120 Volt Only, Bulb Not Included
- Rough Service Bulbs are Available



Ordering Info				Tech Info	
Description	Visibility Arc	Visibility Miles	Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.	
Red Side Light	112-1/2°	3	1164RE0PLB	22.5	Bulb: 120 Volt (Not Included) 0342004CLR or 0342RS4CLR  Mounting Bolt Size: 3/8" Height Overall: 17-1/4" Height Lens: 6-3/4"
Green Side Light	112-1/2°	3	1164GE0PLB	22.5	
White Masthead Light	225°	6	1165E00PLB	21.5	
White Stern Light*	135°	3	1166E00PLB	22.3	
Yellow Towing Light	135°	3	1166ME0PLB	22.4	
White All-Round Light*	360°	3	1167E00PLB	20.0	
White All-Round Light**	360°	6	1167HE0PLB	20.0	
Red All-Round Light	360°	3	1168RE0PLB	20.0	
Green All-Round Light	360°	3	1168GE0PLB	20.0	
Yellow All-Round Light	360°	3	1168ME0PLB	20.0	

Special lights to meet local requirements are available upon request

\*These lights are supplied with a Gray Tinted Lens

\*\*For Great Lakes use



**Fig. 1164**  
**Green Side Light**



**Fig. 1168**  
**Red All-Round**



**Fig. 1166**  
**Yellow Towing**



**Fig. 1167**  
**White All-Round**



**Fig. 1164**  
**Red Side Light**

### Spare Parts Ordering Information

Spare Lenses:  
 Red: 0261001RED  
 Green: 0261001GRN  
 White: 0261001CLR  
 Gray: 0261001GRY  
 Yellow: 0261001YLW

Lens Gasket: 1143  
 O-Ring for Cap: 1119  
 Dual Medium Prefocus Socket Assembly: 0303  
 Lens Retaining Clip with Bolt: 1133  
 Access Cap, O-Ring and Retainer: 1105000BLK

**IMPORTANT BULB DATA**  
 To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed on this page must use a PERKO Cat. No. 0342004CLR bulb or 0342RS4CLR bulb when a "Rough Service" bulb is required.

See Page C-40 for Bulb Information.

## SINGLE & DOUBLE LENS NAVIGATION LIGHTS - TECHNICAL INFORMATION

### Figs. 1364 - 1374 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

Fig. Nos. 1369 to 1374 Series Single Lens Navigation Light Technical Information (See Lights on Page C-18).

2

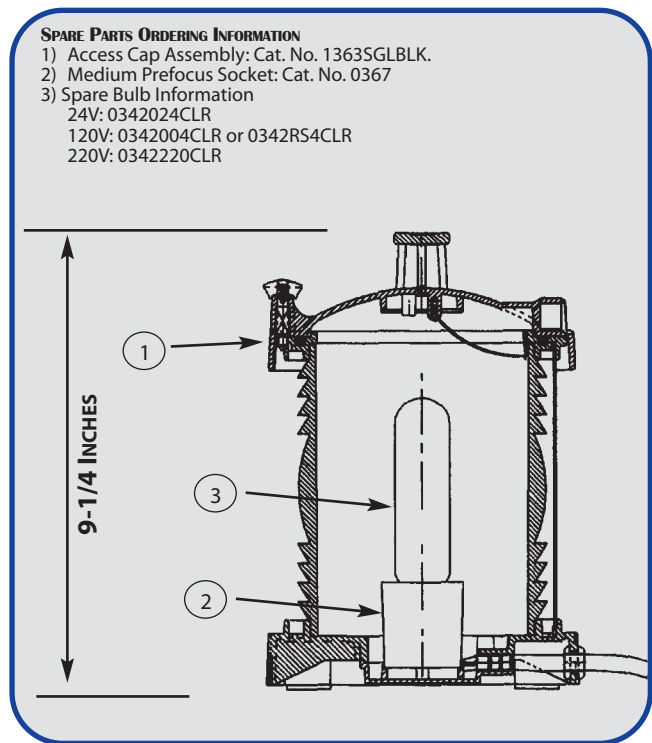
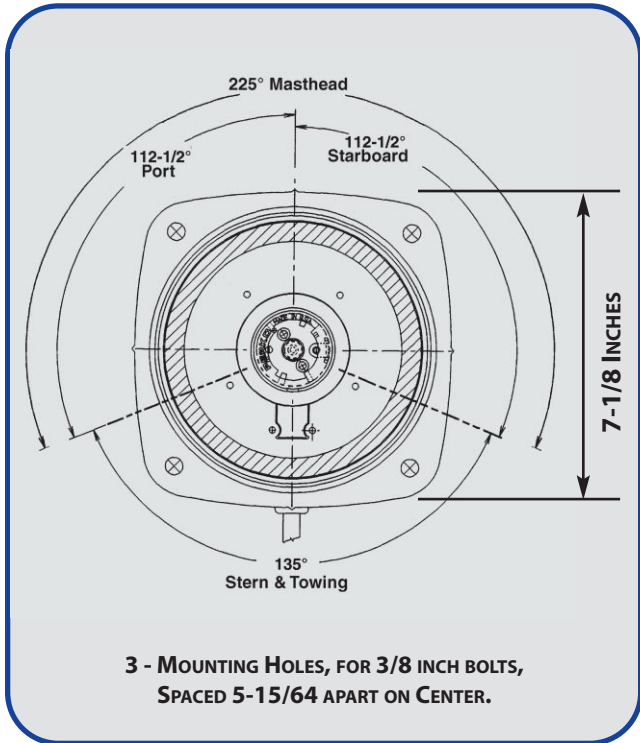
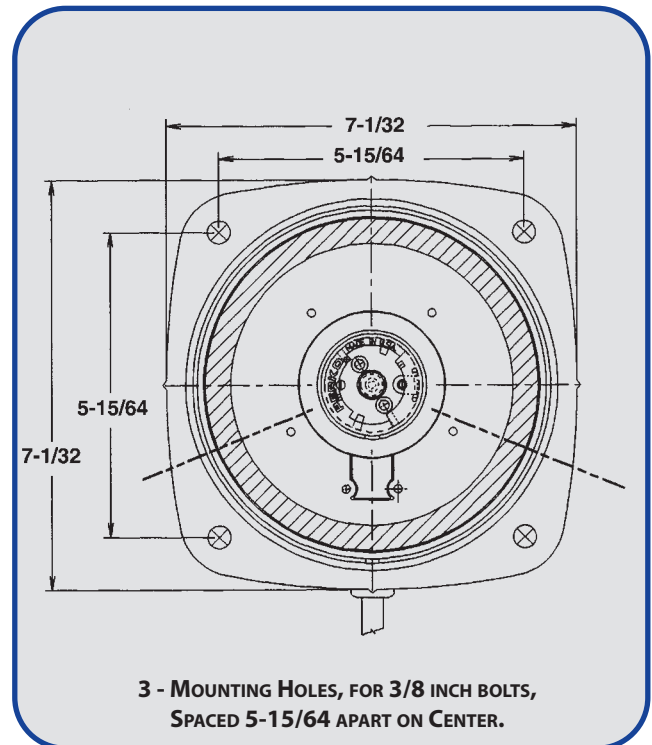
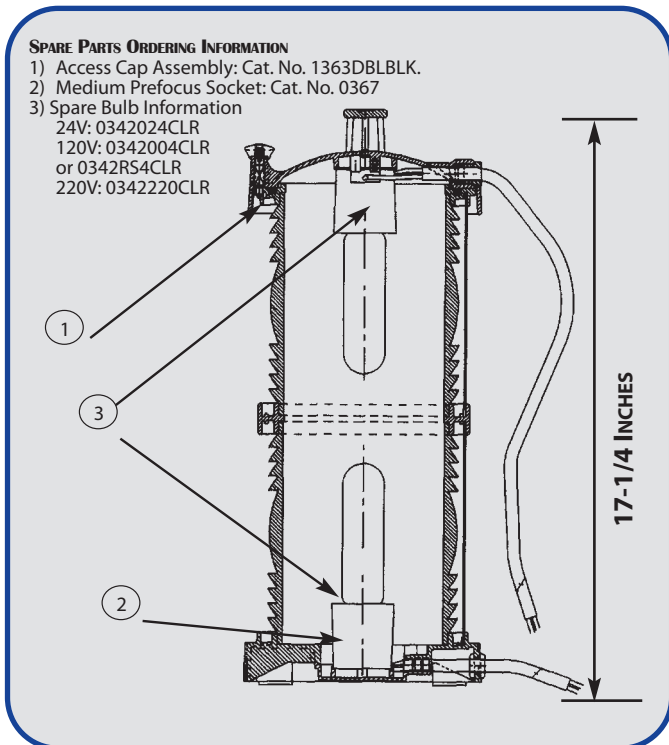


Fig. Nos. 1364 to 1368 Series Double Lens Navigation Light Technical Information (See Lights on Page C-19)



See Page C-40 for Bulb Information.





# SINGLE & DOUBLE LENS NAVIGATION LIGHTS - TECHNICAL INFORMATION

## Figs. 1164 - 1174 Series Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

Fig. Nos. 1169 to 1174 Series Single Lens Navigation Light Technical Information (See Lights on Page C-20)

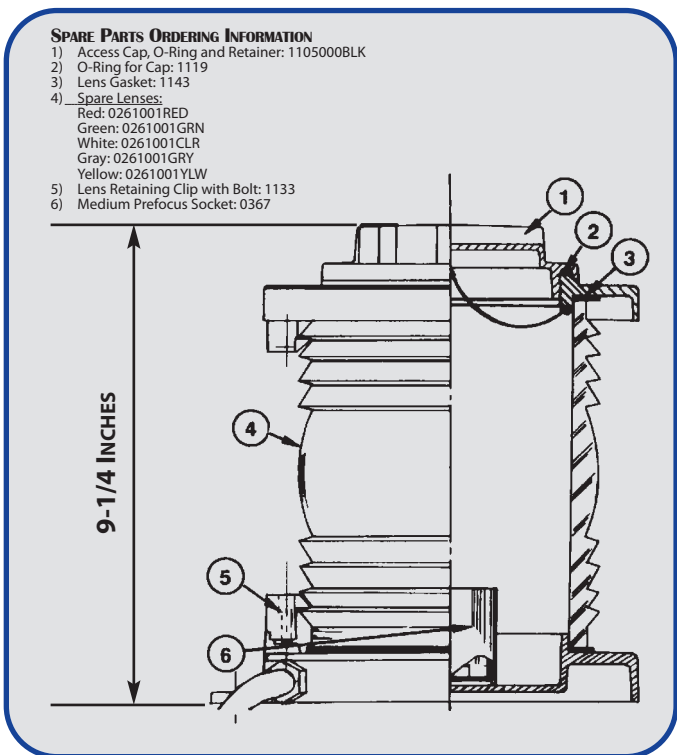
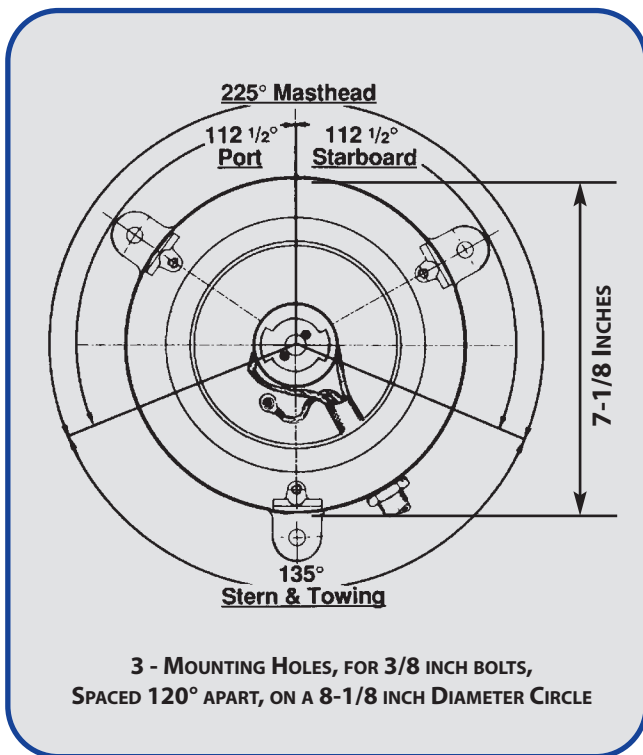
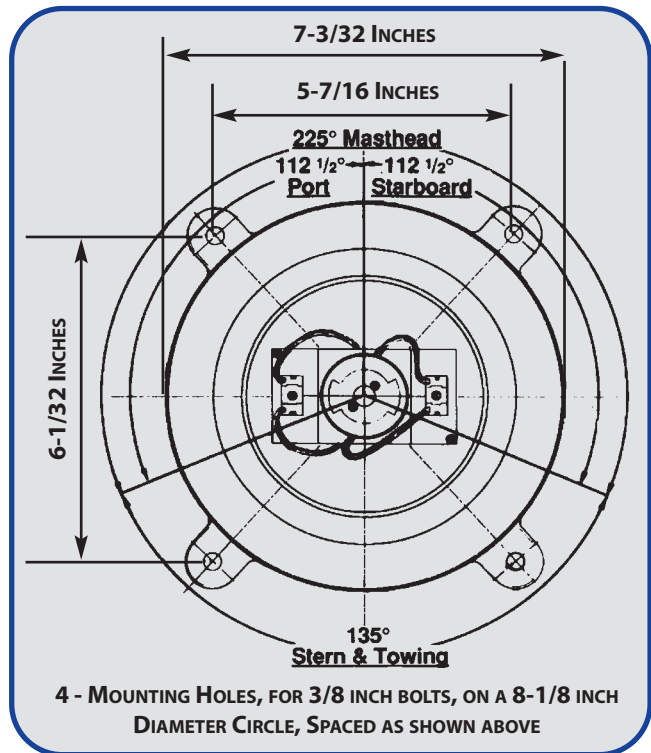
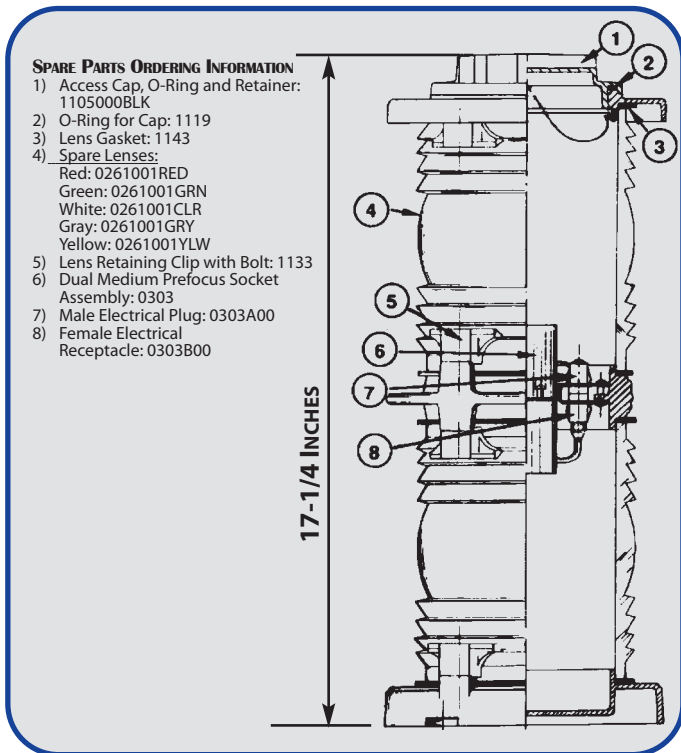
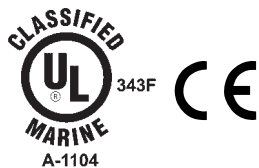


Fig. Nos. 1164 to 1168 Series Double Lens Navigation Light Technical Information (See Lights on Page C-21)



See Page C-40 for Bulb Information.



### Figs. 1150 - 1153 Series Navigation Lights

Certified For Use on Vessel Lengths as Specified Below

**CONSTRUCTION:**

- Sheet Metal, Preprimed Galvanized Steel
  - Medium Prefocus Socket
- Watertight Terminal Tube for 16/3-SO Cable
- Watertight Access Cap for Rebulbing and Cleaning

Ordering Info					
Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length					
Description	Standard Pkg. 1 Pc.	Visibility Arc	Visibility Miles	Required Bulb	Ship Wt. Carton Lbs. Std. Pkg.
Red Side Light	1150RE1GAL	112-1/2°	2	0342002CLR	6.1
Green Side Light	1150GE1GAL	112-1/2°	2	0342002CLR	6.1
White Masthead Light	1151E01GAL	225°	5	0342003CLR	6.3
White Stern Light	1152E01GAL	135°	2	0342000CLR	6.1
Yellow Towing Light	1152ME1GAL	135°	2	0342000CLR	6.1
White All-Round Light	Discontinued - See Fig. 1153E02GAL Below				
Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length					
Red Side Light	1150RE2GAL	112-1/2°	3	0342004CLR*	10.9
Green Side Light	1150GE2GAL	112-1/2°	3	0342004CLR*	10.9
White Masthead Light	1151E02GAL	225°	6	0342004CLR*	10.0
White Stern Light	1152E02GAL	135°	3	0342002CLR	9.5
White All-Round Light	1153E02GAL	360°	3	0342003CLR	10.6

Tech Info
Bulb: 120 Volt (Not Included)
Screw Size: 1/4" <b>Size No. 1</b>
Height Overall: 11-1/2"
Height Lens: 6-3/4" <b>Size No. 2</b>
Height Overall: 13-1/2"
Height Lens: 7-1/2"

\*0342RS4CLR bulbs can be substituted for 0342004CLR where "Rough Service" bulbs are required



**SPARE PARTS ORDERING INFORMATION (ALSO SEE PAGE C-25)**

Lenses:

- 112-1/2° 0259 No. 1 or 2, Specify RED or GRN.
- 135° 0269 No. 1 or 2, Specify YLW or WHT.
- 225° 0256 No. 1 or 2, WHT.
- 360° 0261F No. 1 or 2, Specify RED, GRN, YLW or WHT.

- Medium Prefocus Socket: 0347A00.
- Access Cap, O-Ring and Retainer: 1105000BLK.
- O-Ring for Cap: 1119.
- Socket Supports: 0341001PLB or 034101APLB.

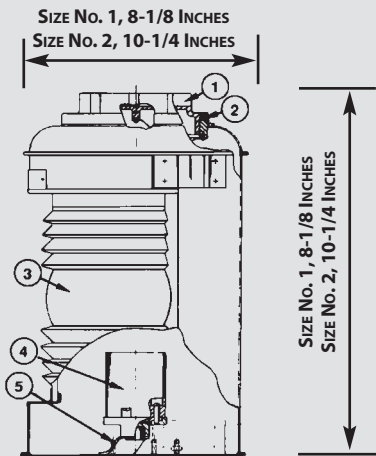
**IMPORTANT BULB DATA**  
To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed as specified above on this page must use a PERKO Cat. No. 0342 bulb, as specified above.

See Page C-40 for Bulb Information.



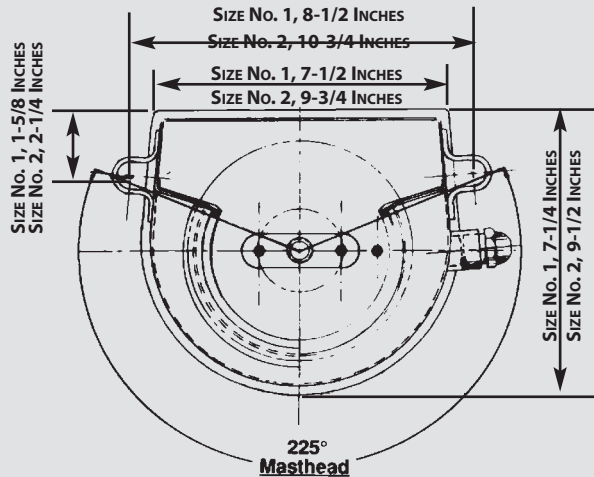
### Figs. 1150 - 1154 Series Lights

Certified For Use on Vessel Lengths as Specified on the opposite page

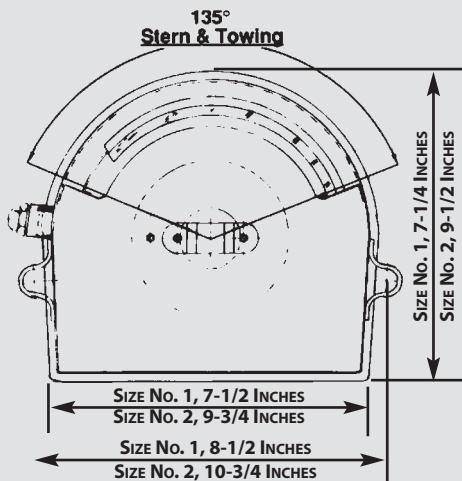


**1150 SIDE LIGHTS**

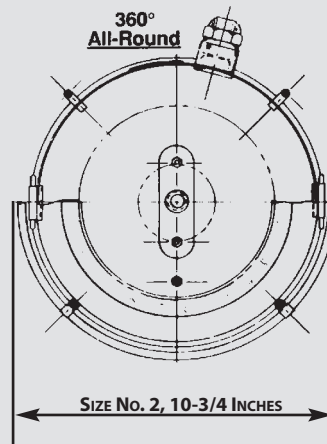
STARBOARD LIGHT SHOWN - PORT SIDE OPPOSITE



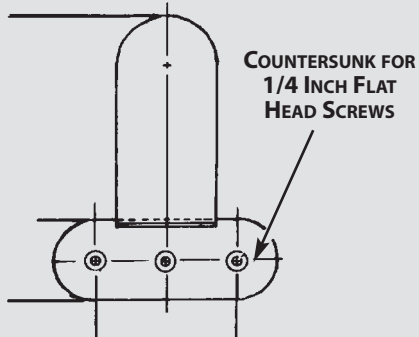
**1151 & 1111ME\* MASTHEAD LIGHTS (\*See page C-28)**



**1152 STERN & TOWING LIGHTS**



**1153 ALL-ROUND LIGHTS**

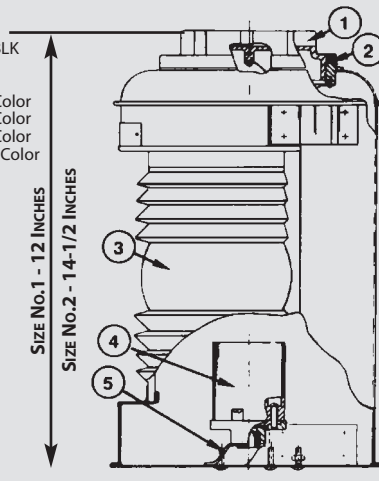


**MOUNTING BRACKETS FOR 1150 SIDE LIGHTS, CAT. No. 0143000ALU.**

**SPARE PARTS ORDERING INFORMATION**

- 1) Access Cap, O-Ring and Retainer: 1105000BLK
- 2) O-Ring for Cap, Cat. No. 1119.
- 3) Lenses:  
 112-1/2° Cat. No. 0259001 or 002, Specify Color  
 135° Cat. No. 0269001 or 002, Specify Color  
 225° Cat. No. 0256001 or 002, Specify Color  
 360° Cat. No. 0261F001 or 002, Specify Color
- 4) Medium Prefocus Socket: 0347A00
- 5) Socket Support Stand:  
 Size No. 1: 0341001PLB  
 Size No. 2: 034101APLB

**TYPICAL VIEW**





### Tech Info

Bulb: 12, 24, 32 or 120 Volt (Not Included)  
 Screw Size: 1/4"  
 Height Overall: 7-1/2"  
 Height Lens: 4-1/2"

**Fig. 1127**  
**Red & Green Side Lights**



**Fig. 1128**  
**Masthead Light**



**Fig. 1129**  
**Towing Light**



**Fig. 1129**  
**Stern Light**



**Fig. 1130**  
**All-Round Lights**



### Figs. 1127 - 1130 Series Navigation Lights

Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length

#### CONSTRUCTION:

- Black or White Polymer
- Pre-Wired Double Contact Socket and 3 Feet of 16/3-SO Cable
- Watertight Access Cap for Rebulbing and Cleaning

### Ordering Info

Description	Visibility Arc	Visibility Miles	Black Polymer Std. Pkg. 1 Pc.	White Polymer Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.
Red Side Light	112-1/2°	2	1127RA0BLK	1127RA0WHT	2.7
Green Side Light	112-1/2°	2	1127GA0BLK	1127GA0WHT	2.7
White Masthead Light	225°	5	1128A00BLK	1128A00WHT	2.6
White Stern Light*	135°	2	1129A00BLK	1129A00WHT	2.7
Yellow Towing Light	135°	2	1129MA0BLK	1129MA0WHT	2.7
White All-Round Light*	360°	2	1130A00BLK	1130A00WHT	2.5
White All-Round Light**	360°	5	1130HA0BLK	1130HA0WHT	2.5
Red All-Round Light	360°	2	1130RA0BLK	1130RA0WHT	2.5
Green All-Round Light	360°	2	1130GA0BLK	1130GA0WHT	2.5
Yellow All-Round Light	360°	2	1130MA0BLK	1130MA0WHT	2.5

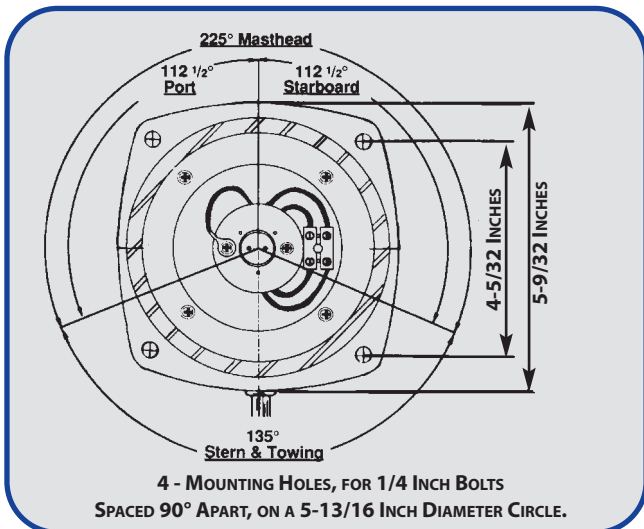


**IMPORTANT BULB DATA**  
 To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed on this page must use a PERKO Cat. No. 0374 bulb.

Special lights to meet local requirements are available upon request

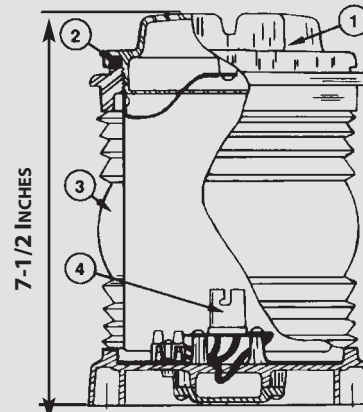
\*These lights are supplied with a Gray Tinted Lens

\*\*For Great Lakes use



#### SPARE PARTS ORDERING INFORMATION

- Access Cap, O-Ring & Retainer: 1105000BLK
  - O-Ring for Cap: 11119.
  - Lens Assembly  
 Red: 0249000RED  
 Green: 0249000GRN  
 White: 0249000CLR  
 Gray: 0249000GRY  
 Yellow: 0249000YLW
  - Double Contact Socket: 0134
- Required Bulbs:  
 12 Volt: 0374001CLR  
 24 Volt: 0374002CLR  
 32 Volts: 0374003CLR  
 120 Volts: 0374004CLR



See Page C-40 for Bulb Information.



### Figs. 0004D, 0005D & 0007D Series Navigation Lights

Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length

### Figs. 0004F, 0005F, 0007F Series Navigation Lights

F- Series Lights are Certified For Replacement Use Only\* on Power Driven Vessels Under 20 Meters (65.6 Ft.) in Length



#### CONSTRUCTION:

- Bottom Opening, Complete with Mounting Bracket
- **D Series:** Sheet Metal, Preprimed Galvanized Steel, Polished or Chrome Plated Brass
- Single Contact Prefocus Socket
- **F Series:** Preprimed Galvanized Steel, Polished Brass

**IMPORTANT BULB DATA FOR D SERIES**  
To comply with UL Standard A-1104 (A.B.Y.C.), the lights listed on this page must use a PERKO Cat. No. 0373 bulb, as specified below.

**Tech Info**

Bulb Not Included  
**D Series:** 12 Volt  
**F Series:** 12 or 32 Volt  
 Screw Size: #10  
 Height Overall: 8-1/2"  
 Height Lens: 5-1/8"



Fig. 0004G

Fig. 0004R



Fig. 0005



Fig. 0007



Fig. 0007M

#### Ordering Info - D Series

Description	Galvanized Steel	Polished Brass	Chrome Plated Brass	Visibility Arc	Visibility Miles	12V Required Bulb	Ship Wt. Carton Lbs. Std. Pkg. 1 Pc.
Red Side Light	0004RD3GAL	0004RD3POL	0004RD3CHR	112-1/2°	2	0373003CLR	2.7
Green Side Light	0004GD3GAL	0004GD3POL	0004GD3CHR	112-1/2°	2	0373002CLR	2.7
White Masthead Light	0005D03GAL	0005D03POL	0005D03CHR	225°	5	0373005CLR	2.9
White Stern Light	0007D03GAL	0007D03POL	0007D03CHR	135°	2	0373001CLR	2.8
Yellow Towing Light	0007MD3GAL	0007MD3POL	0007MD3CHR	135°	2	0373002CLR	2.8

#### Ordering Info - F Series\*

Description	Galvanized Steel	Polished Brass	Visibility Arc	Visibility Miles	12V Required Bulb	32V Required Bulb	Ship Wt. Carton Lbs. Std. Pkg. 1 Pc.
Side Lights (Pair)	0004F03GAL	0004F03POL	112-1/2°	2	0070DP1CLR	0070DP2CLR	5.0
Red Side Light	0004RF3GAL	0004RF3POL	112-1/2°	2	0070DP1CLR	0070DP2CLR	2.7
Green Side Light	0004GF3GAL	0004GF3POL	112-1/2°	2	0070DP1CLR	0070DP2CLR	2.7
White Masthead Light	0005F03GAL	0005F03POL	225°	3	0070DP1CLR	0070DP2CLR	2.7
White Stern Light	0007F03GAL	0007F03POL	135°	2	0070DP1CLR	0070DP2CLR	2.7
Yellow Towing Light	0007MF3GAL	0007MF3POL	135°	2	0070DP1CLR	0070DP2CLR	2.7

See Page C-39 & C-40 for Bulb Information.

#### SPARE PARTS ORDERING INFORMATION

**Lenses:** 112-1/2° Fig. No. 0259CL3, Specify RED or GRN.  
 135° Fig. No. 0269CL3, Specify YLW or WHT.  
 225° Fig. No. 0256CL3WHT.

Mounting Bracket: 0131000GAL or PLB.  
 Spare Electric Adapter for "F" Series: 0290F03.  
 For D Series: Single Contact Prefocus Socket Assembly, Complete with Stand, Bottom Plate and Gasket: 0294003PLB.

Fig. 0290





Fig. 1111

### Fig. 1111 - Special Purpose Flashing Yellow Light

For Use on Vessels of Any Length

**IMPORTANT BULB DATA**  
To comply with Federal Requirements this light **must** use a PERKO Cat. No. 0342004CLR bulb or 0342RS4CLR bulb when "Rough Service" bulbs are required.

- CONSTRUCTION:**
- Sheet Metal, Preprimed Galvanized Steel
  - Medium Prefocus Socket
  - Watertight Terminal Tube for 16/3-SO Cable
  - Sealed Flasher Unit
  - Watertight Access Cap for Rebulbing and Cleaning

Designed to meet Federal Requirements for Flashing yellow 180° - 225° light for barges, canal boats, etc., that are being pushed ahead or towed along side of a tug boat. For use on 120 volt A.C. only. Federal Requirements for this light are applicable for: inland waters, the Atlantic, Pacific and Gulf coasts, intercoastal waterways and western rivers. Refer to the U.S. Inland Navigation Rules for application, configuration and technical details.

Ordering Info				
<b>Standard Pkg.</b>	<b>Visibility Miles</b>	<b>Visibility Arc</b>	<b>Flashes Per Minute</b>	<b>Ship Wt. Carton Lbs. Std. Pkg.</b>
1 Pc. 1111ME1GAL	2	225°	50-70	6.4

Tech Info
Bulb: 120 Volt (Not Included) Height Overall: 11-1/2" Height Lens: 6-3/4"

**SPARE PARTS ORDERING INFORMATION**

Flasher: 0133. Medium Prefocus Socket: 0347A00. O-Ring for Cap: 1119.  
Access Cap, O-Ring and Retainer: 1105000BLK. Lens: 0256001YLW.  
Bulb: 0342004CLR or 0342RS4CLR see Page C-40



Fig. 1129

### Fig. 1129 - Panama Canal Blue Steering Light

For Use on Vessels of Any Length

- CONSTRUCTION:**
- Black Polymer
  - Pre-Wired Double Contact Socket with 3 Feet of 16/3-SJO Cable

Ordering Info		
<b>Std. Pkg. - 1 Pc.</b>	<b>Visibility Arc</b>	<b>Ship Wt. Carton Lbs. Standard Pkg.</b>
1129BA0BLK	135°	2.7

Tech Info
Bulb: 12, 24, 32 or 120 Volt (Not Included) Height Overall: 7-1/2" Height Lens: 4-1/4"

**SPARE PARTS ORDERING INFORMATION**

**Bulbs**  
12 Volt: 0374001CLR. Lens: 0249000BLU.  
24 Volt: 0374002CLR. O-Ring for Cap: 1119.  
32 Volt: 0374003CLR. Double Contact Socket: 0134.  
120 Volt: 0374004CLR. Polymer Access Cap, O-Ring and Retainer:  
1105000BLK.

**IMPORTANT BULB DATA**

To comply with Panama Canal Requirements this light **must** use a PERKO Fig. No. 0374 bulb.



Fig. 0454

Fig. 0454E Tapped For Pipe Mount

### Fig. 0454 - Pipe Mount All-Round White Whistle Light

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

- CONSTRUCTION:**
- Cast Bronze
  - Medium Prefocus Socket

Ordering Info		
<b>Std. Pkg. - 1 Pc.</b>	<b>Ship Wt. Carton Lbs. Standard Pkg.</b>	<b>Visibility Miles</b>
0454E00PLB	8.6	5

Tech Info
Bulb: 120 Volt (Not Included) Height Overall: 11-1/2" Height Lens: 6-3/4" Tapped Pipe Size: 1"

**SPARE PARTS ORDERING INFORMATION**

Bulb: 0342004CLR. Lens or Cover Gasket: 1143.  
Lens: 0261001CLR. Medium Prefocus Socket: 0367.



See Page C-40 for Bulb Information.



# PERKO<sup>®</sup>

## SPECIAL PURPOSE LIGHTS

### Figs. 0403 & 0412 - Specialty All-Round Lights

Certified For Use on Vessels Over 20 Meters (65.6 ft.) in Length

#### CONSTRUCTION:

- Cast Bronze
- White, Red, Green or Yellow Lens
- Medium Prefocus Socket



Fig. 0403  
Tapped For  
Pipe Mount

#### Fig. 0403 - Pipe Mount

#### Fig. 0412 - Hanging Mount



Fig. 0403

Fig. 0412



#### Tech Info - 120 Volt Only (Bulb Not Included)

Fig. No.	Ht. Overall Inches	Ht. Lens Inches	Tapped Pipe Size Inches	Visibility Miles
0403	11-1/2	6-3/4	1	3
0412	14	6-3/4	*	3

#### Ordering Info

White	Red	Green	Yellow	Ship Wt. Carton Lbs. Std. Pkg. 1 Pc.
0403E03PLB**	0403RE3PLB	0403GE3PLB	0403ME3PLB	8.6
0412E00PLB**	0412RE0PLB	0412GE0PLB	0412ME0PLB	9.1

\*Supplied with watertight terminal tube for 16/3-50 cable.

\*\*These lights are supplied with gray tinted lenses.

#### SPARE PARTS ORDERING INFORMATION

Gray Lens: 0261001GRY. Medium Prefocus Socket: 0367.  
Yellow Lens: 0261001YLW. Gasket for lens: 1143.  
Red Lens: 0261001RED.  
Green Lens: 0261001GRN.

**IMPORTANT BULB DATA**  
To comply with Federal Requirements this light must use a PERKO Cat. No. 0342004CLR bulb or 0342R54CLR bulb when "Rough Service" bulbs are required.

### Figs. 0112A Fixed Mount & 0309A Pipe Mount "A" Series All Round Lights

Certified For Use on Vessels 20 Meters (65.6 ft.) to 50 Meters (164.0 ft.) in Length

### Figs. 0112B Fixed Mount & 0309B Pipe Mount "B" Series All-Round Lights

Certified For Replacement Use Only\* on Power Driven Vessels

Under 20 Meters (65.6 ft.) in Length

#### CONSTRUCTION:

**A Series:** Cast Bronze, Plain or Chrome Plated

- Complete with Double Contact Electrical Socket

**B Series:** Cast Bronze

- Medium Screw Base Type Electrical Socket



Fig. 0112



#### Ordering Info - A/B Series

Description	"A" Series		"B" Series*	Ship Wt. Carton Lbs. Std. Pkg. 1 Pc.
	Plain Bronze	Chrome Plated Bronze	Plain Bronze	
White All-Round	0112A00PLB	0112A00CHR	0112B00PLB*	2.5
Red All-Round	0112RA0PLB	0112RA0CHR	0112RB0PLB*	2.5
Green All-Round	0112GA0PLB	0112GA0CHR	0112GB0PLB*	2.5
Yellow All-Round	0112MA0PLB	0112MA0CHR	0112MB0PLB*	2.5
White All-Round	0309A00PLB	0309A00CHR	0309B0PLB*	1.8
Red All-Round	0309RA0PLB	0309RA0CHR	0309RB0PLB*	1.8
Green All-Round	0309GA0PLB	0309GA0CHR	0309GB0PLB*	1.8
Yellow All-Round	0309MA0PLB	0309MA0CHR	0309MB0PLB*	1.8

#### SPARE PARTS ORDERING INFORMATION

##### Globes:

White: 0106000WHT.  
Gray: 0106000GRY.  
Red: 0106000RED.  
Green: 0106000GRN.  
Yellow: 0106000YLW.

##### Required Bulbs 112/309 A Series:

12 Volt: 0374001CLR.  
24 Volt: 0374002CLR.  
32 Volt: 0374003CLR.  
120 Volt: 0374004CLR.

##### Required Bulbs 112/309 B Series:

12 Volt for White and Yellow: 0340005FRD.  
12 Volt for Red and Green: 0340006FRD.  
32 Volt for White and Yellow: 0340011FRD.  
32 Volt for Red and Green: 0340012FRD.

\* Replacement use only

#### Tech Info

Visibility: 2 Miles  
**A Series:** Bulb: 12, 24, 32 or 120 Volt (Not Included)

**B Series:** Bulb: 12 or 32 Volt (Not Included)  
**0112**

Height Overall: 8-3/4"  
Dia. Base: 3-1/8"  
Screw Size: #8

**0309**  
Height Overall: 6-1/2"  
Tapped Pipe Size: 1/2"



Fig. 0309

**IMPORTANT BULB DATA**  
"A" Series  
To comply with UL Standard A-1104 (A.B.Y.C.), these lights must use a PERKO Cat. No. 0374 bulb.

See Page C-40 for Bulb Information.



### Fig. 0200 Series Top Mount Navigation Lights

Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

**CONSTRUCTION:**

- Black or White Polymer with Stainless Steel Mounting Bracket

#### Ordering & Tech Info - For 12 Volt Lights

	Visibility Arc	Black Dealer Pkg. 5 Cards 1 Pc. per Card	White* Std. Pkg. 1 Pc per Box	Visibility Miles	Replacement Bulb	Ship Wt. Carton Lbs. D.P./Std. Pkg.
<b>Top Mount</b>						
Bi-Color Light	225°	0200BT0DP1	0200BT0W01	2	037512V25W	4.3/1.0
Red Side Light	112-1/2°	0200PT0DP1	0200PT0W01	2	037512V25W	4.5/1.0
Green Side Light	112-1/2°	0200SDTDP1	0200SDTW01	2	037512V25W	4.5/1.0
White Masthead Light	225°	0200MT0DP1	0200MT0W01	3	037512V25W	4.3/1.0
White Stern Light	135°	0200SNTDP1	0200SNTW01	2	037512V10W	4.5/1.0
Yellow Towing Light	135°	0200TWTDP1	0200TWTW01	2	037512V10W	4.5/1.0
* 12 Volt Only						

#### Tech Info

	Height Overall Inches	Projection Inches	O.D. Base Inches	Height Lens Inches	Screw Size
Top Mount Bulb Included	4-13/16	3-5/16	-----	2-3/4	8

#### Ordering Info - For 24V Lights

For 24V Lights, Replace the "DP1" with "DP2". (Ex: 0200BT0DP2)  
 For the Replacement Bulb,  
 Replace the "12V" with "24V" (e.g., 037524V25W).

#### Ordering Info - For 32V Lights

For 32V Lights, Replace the "DP1" with "DP3". (Ex: 0200BT0DP3)  
 For the Replacement Bulb,  
 Replace the "12V" with "32V" (e.g., 037532V25W).

Fig. 0200SNT



Fig. 0200TWT



Fig. 0200SDT



#### Top Mount

Fig. 0200MT0



Fig. 0200BT0



Fig. 0200PT0



See Page C-32 for Technical Information.  
 See Page C-39 for Bulb Information.





**Fig. 0200 Series Base Mount Navigation Lights**

Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

**CONSTRUCTION:**

- Black or White Polymer

**Ordering & Tech Info - For 12 Volt Lights**

	Visibility Arc	Black - Dealer Pkg. 5 Cards 1 Pc. per Card	White*** Std. Pkg. 1 Pc per Box	Visibility Miles	Replacement Bulb	Ship Wt. Carton Lbs. D.P./Std. Pkg.
Bi-Color Light	225°	0200BB0DP1	0200BB0W01	2	037512V25W	4.0/1.0
Red Side Light	112-1/2°	0200PB0DP1	0200PB0W01	2	037512V25W	4.2/1.0
Green Side Light	112-1/2°	0200SDBDP1	0200SDBW01	2	037512V25W	4.2/1.0
White Masthead Light	225°	0200MB0DP1	0200MB0W01	3	037512V25W	4.0/1.0
White Stern Light	135°	0200SNBDP1	0200SNBW01	2	037512V10W	4.2/1.0
Yellow Towing Light	135°	0200TWBDP1	0200TWBW01	2	037512V10W	4.0/1.0
White All-Round Light	360°	0200SWBDP1	0200SWBW01	2	037512V10W	3.8/0.9
Red All-Round Light	360°	0200SRBDP1	0200SRBW01	2	037512V25W	3.8/0.9
Green All-Round Light	360°	0200SGBDP1	0200SGBW01	2	037512V25W	3.8/0.9
Tri-Color Light*	360°	0200TB0DP1**	0200TB0W01**	2	037512V25W	3.8/0.9

\* For Use on Vessels Under Sail Alone.

\*\* 32V Certified for A-16 Replacement Use Only on Vessels Built Prior to 11/1/03.

\*\*\* 12 Volt Only

**Tech Info**

	Height Overall Inches	Projection Inches	O.D. Base Inches	Height Lens Inches	Screw Size
Base Mount	4-7/8	-----	3-5/16	2-3/4	10

12, 24 or 32 Volt Bulb Included

**Ordering Info - For 24V Lights**

For 24V Lights, Replace the "DP1" with "DP2". (Ex: 0200BB0DP2)  
For the Replacement Bulb,  
Replace the "12V" with "24V" (e.g., 037524V25W).

**Ordering Info - For 32V Lights**

For 32V Lights, Replace the "DP1" with "DP3". (Ex: 0200BB0DP3)  
For the Replacement Bulb,  
Replace the "12V" with "32V" (e.g., 037532V25W).

Fig. 0200SNB



Fig. 0200TWB



Fig. 0200SGB



Fig. 0200SRB



Fig. 0200PB0



Fig. 0200SDB



Fig. 0200BBO



See Page C-33 for Technical Information.  
See Page C-39 for Bulb Information.



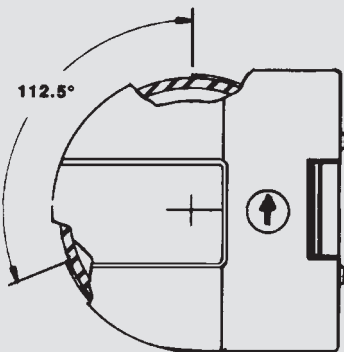


### Figs. 0200 & 0210 Series Top Mount Navigation Lights Technical Information

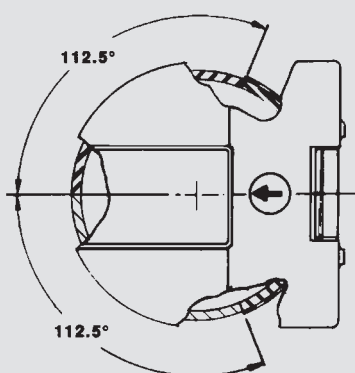
Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

2

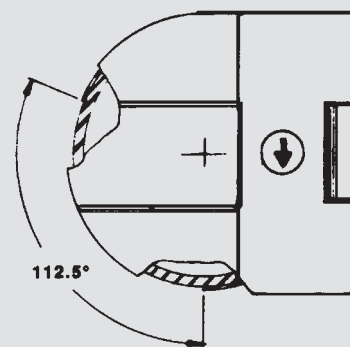
See Page C-16 For 0210 Series L.E.D. Style Lights and Page C-30 for 0200 Series Incandescent Lights.



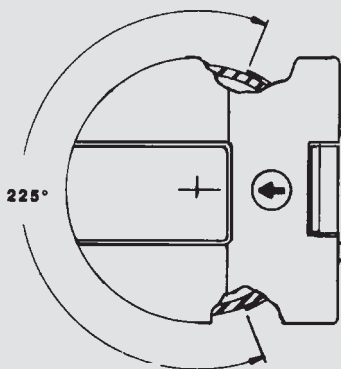
**TOP MOUNT  
PORT SIDE LIGHT**



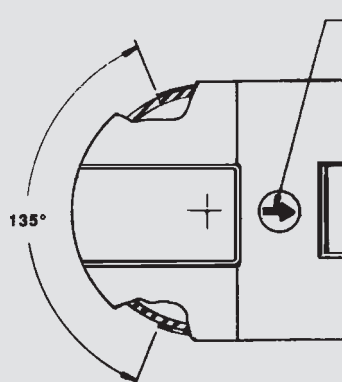
**0200 SERIES ONLY TOP MOUNT  
BI-COLOR LIGHT**



**TOP MOUNT  
STARBOARD SIDE LIGHT**



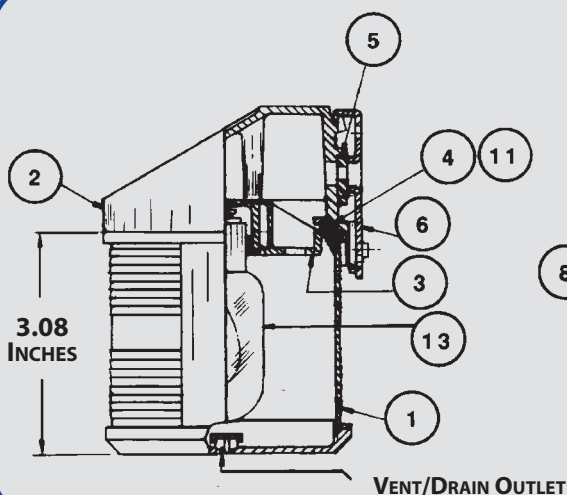
**SERIES TOP MOUNT  
MASTHEAD LIGHT**



**SERIES TOP MOUNT  
STERN LIGHTS**

FORWARD DIRECTION  
OF THE BOAT

Note: Fig. 0210 L.E.D. lights have no user serviceable parts



**FIG 0200SPARE PARTS ORDERING INFO**

- 1) Lens Assembly
  - 2) Cap, Top, Molding
  - 3) Bulb Holder
  - 4) O-Ring
  - 5) Seal
  - 6) Mounting Plate
  - 7) Screws - 4M x 8mm P.H.
  - 8) Screws - #6 x 1/2" P.H.
  - 9) Screws - #4 x 1/4" P.H.
  - 10) Bulb Support Plate
  - 11) Grease
  - 12) Contact Assembly, Bulb
  - 13) Spare Bulbs
- For Masthead, Bi-Color & Side Lights  
 12 Volt: 037512V25W  
 24 Volt: 037524V25W  
 32 Volt: 037532V25W
- For Towing & Stern Lights  
 12 Volt: 037512V10W  
 24 Volt: 037524V10W  
 32 Volt: 037532V10W

Spare Lens Assembly Part Numbers are Determined by Replacing the Last Three Digits of the Catalog Number with the Letters "LNS" (e.g., 0200BT0LNS, for a Bi-Color Top Mount Lens Assembly). Spare Replacement Bulb Socket: 0093

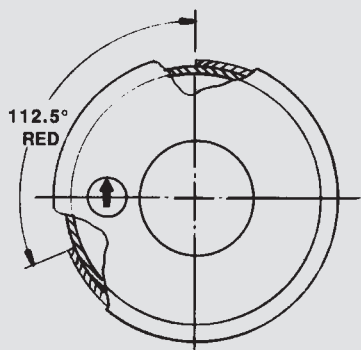
See Page C-39 for Bulb Information.



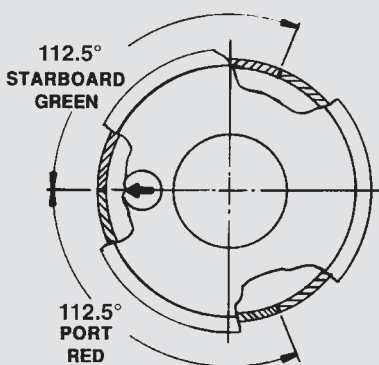
### Figs. 0200 & 0210 Series Base Mount Navigation Lights Technical Information

Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

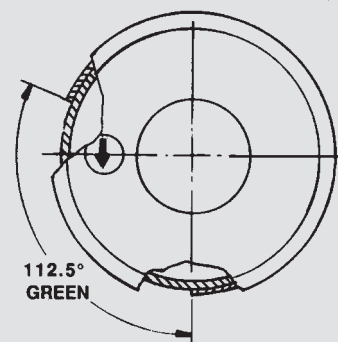
See Page C-16 For 0210 Series L.E.D. Style Lights and Page C-31 for 0200 Series Incandescent Lights.



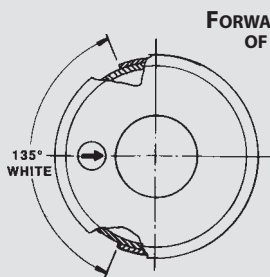
**BASE MOUNT  
PORT SIDE LIGHT**



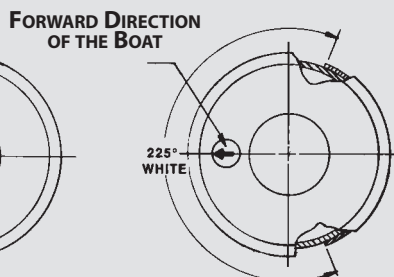
**0200 SERIES ONLY BASE MOUNT  
BI-COLOR LIGHT**



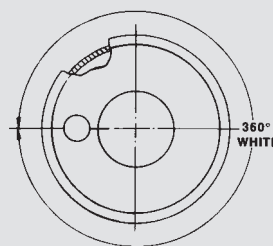
**BASE MOUNT  
STARBOARD SIDE LIGHT**



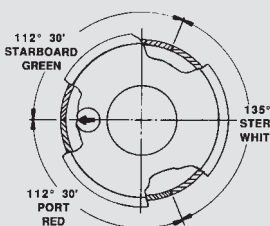
**BASE MOUNT  
STERN LIGHT**



**BASE MOUNT  
MASTHEAD LIGHT**

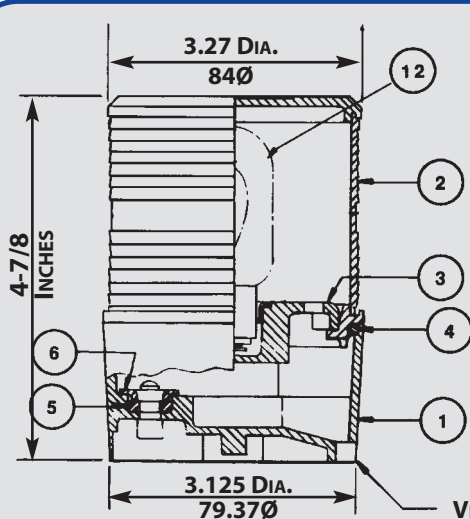


**BASE MOUNT  
ALL-ROUND LIGHTS**

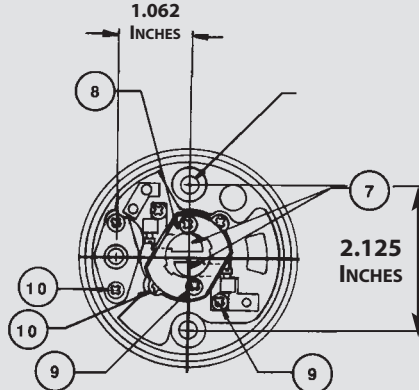


**0200 SERIES ONLY  
BASE MOUNT  
TRI-COLOR LIGHT**

Note: Fig. 0210 L.E.D. lights have no user serviceable parts



**0200 SERIES BASE MOUNT**



**SPARE PARTS ORDERING INFORMATION**

- 1) Base Molding
  - 2) Lens Assembly
  - 3) Bulb Holder
  - 4) O-Ring
  - 5) Gland
  - 6) Clamp
  - 7) Contact Assembly Bulb
  - 8) Bulb Support Plate
  - 9) Screws - #4 x 1/4" P.H.
  - 10) Screws - #6 x 1/2" P.H.
  - 12) Spare Bulbs
- For Masthead, Bi-Color, Tri-Color, All-Round & Side Lights  
 12 Volt: 037512V25W  
 24 Volt: 037524V25W  
 32 Volt: 037532V25W
- For White All-Round, Towing & Stern Lights  
 12 Volt: 037512V10W  
 24 Volt: 037524V10W  
 32 Volt: 037532V10W

Spare Lens Assembly Part Numbers are Determined by Replacing the Last Three Digits of the Catalog Number with the Letters "LNS" (e.g., 0200BB0LNS, for a Bi-Color Base Mount Lens Assembly).  
 Spare Replacement Bulb Socket: 0093

See Page C-39 for Bulb Information.



**Tech Info**

12 or 24 Volt Bulb Included  
 Height Overall: 3-5/8"  
 Width Overall: 4-1/8"  
 Proj. Overall: 2-1/2"  
 Screw Size: #10

**Fig. 0170 Traditional Series European Style Vertical Mount Navigation Lights**

Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length



**0170 Series L.E.D. Shown**

**CONSTRUCTION:**

- Chrome Plated Brass Top, Black Polymer Base
- All Black Polymer
- All White Polymer
- 12 or 24 Volt Bulb Included



**Side Lights Masthead Stern Towing Bi-Color\***

**Tradiditional 0170 Series - Ordering Information**

	Visibility Arc	Visibility Miles	12 Volt Dealer Pkg. 5 Cards 1 Pc. per Card	12 Volt Std. Pkg. 1 Pc.	24 Volt Dealer Pkg. 5 Cards 1 Pc. per Card	24 Volt Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. DP/Std Pkg.
<b>Black Polymer</b>							
Bi-Color Light*	225°	2	0170BB0DP1	-----	0170BB0DP2	-----	2.3/0.5
Red Side Light	112-1/2°	2	0170BP0DP1	0170BP012V	0170BP0DP2	0170BP024V	2.3/0.5
Green Side Light	112-1/2°	2	0170BSDDP1	0170BSD12V	0170BSDDP2	0170BSD24V	2.3/0.5
White Masthead Light	225°	3	0170BM0DP1	0170BM012V	0170BM0DP2	0170BM024V	2.3/0.5
White Stern Light	135°	2	0170BSNDP1	0170BSN12V	0170BSNDP2	0170BSN24V	2.3/0.5
Yellow Towing Light	135°	2	0170BTWDP1	0170BTW12V	0170BTWDP2	0170BTW24V	2.3/0.5
<b>Chrome Plated Brass</b>							
Bi-Color Light*	225°	2	0170MB0DP1	-----	0170MB0DP2	-----	2.4/0.5
Red Side Light	112-1/2°	2	0170MP0DP1	0170MP012V	0170MP0DP2	0170MP024V	2.4/0.5
Green Side Light	112-1/2°	2	0170MSDDP1	0170MSD12V	0170MSDDP2	0170MSD24V	2.4/0.5
White Masthead Light	225°	3	0170MM0DP1	0170MM012V	0170MM0DP2	0170MM024V	2.4/0.5
White Stern Light	135°	2	0170MSNDP1	0170MSN12V	0170MSNDP2	0170MSN24V	2.4/0.5
Yellow Towing Light	135°	2	0170MTWDP1	0170MTW12V	0170MTWDP2	0170MTW24V	2.4/0.5
<b>White Polymer</b>							
Bi-Color Light*	225°	2	0170WB0DP1	-----	0170WB0DP2	-----	2.3/0.5
Red Side Light	112-1/2°	2	0170WP0DP1	0170WP012V	0170WP0DP2	0170WP024V	2.3/0.5
Green Side Light	112-1/2°	2	0170WSDDP1	0170WSD12V	0170WSDDP2	0170WSD24V	2.3/0.5
White Masthead Light	225°	3	0170WM0DP1	0170WM012V	0170WM0DP2	0170WM024V	2.3/0.5
White Stern Light	135°	2	0170WSNDP1	0170WSN12V	0170WSNDP2	0170WSN24V	2.3/0.5
Yellow Towing Light	135°	2	0170WTWDP1	0170WTW12V	0170WTWDP2	0170WTW24V	2.3/0.5

See Page C-39 for Bulb Information.



**Fig. 0455 #1**

**Fig. 0455 Fixed Mount White All-Round Light**

Certified For Use on Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

**CONSTRUCTION:**

- Clear Fresnel Globe
- Black or White Polymer

**Ordering Info**

Vertical Height Inches	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 50 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk
4-1/2	0455DP1CHR	0455001CHR	2.4/16.1
4-1/2	-----	0455001WHT	----/16.1
11-7/8	0455DP2CHR	0455002CHR	3.0/18.2
11-7/8	-----	0455002WHT	----/18.2

**Tech Info**

- Bulb: 12 Volt (Included)
- O.D. Base: 2-1/8"
- Screw Size: #8
- Size #2 Pole: 3/4" Dia. Anodized

**SPARE PARTS ORDERING INFORMATION**

Bulbs (2 per card): 0337011DP. Globe: 0248DP0CLR.



### Fig. 0170 Series European Style Vertical Mount Navigation Lights

Certified For Use on Sail or Power Driven Vessels Under 20 Meters (65.6 ft.) in Length

SEE PAGE C-17 FOR L.E.D. EUROPEAN STYLE LIGHTS

Fig. No. 0170 Series Navigation Light Technical Information (See Lights on Page C-34)

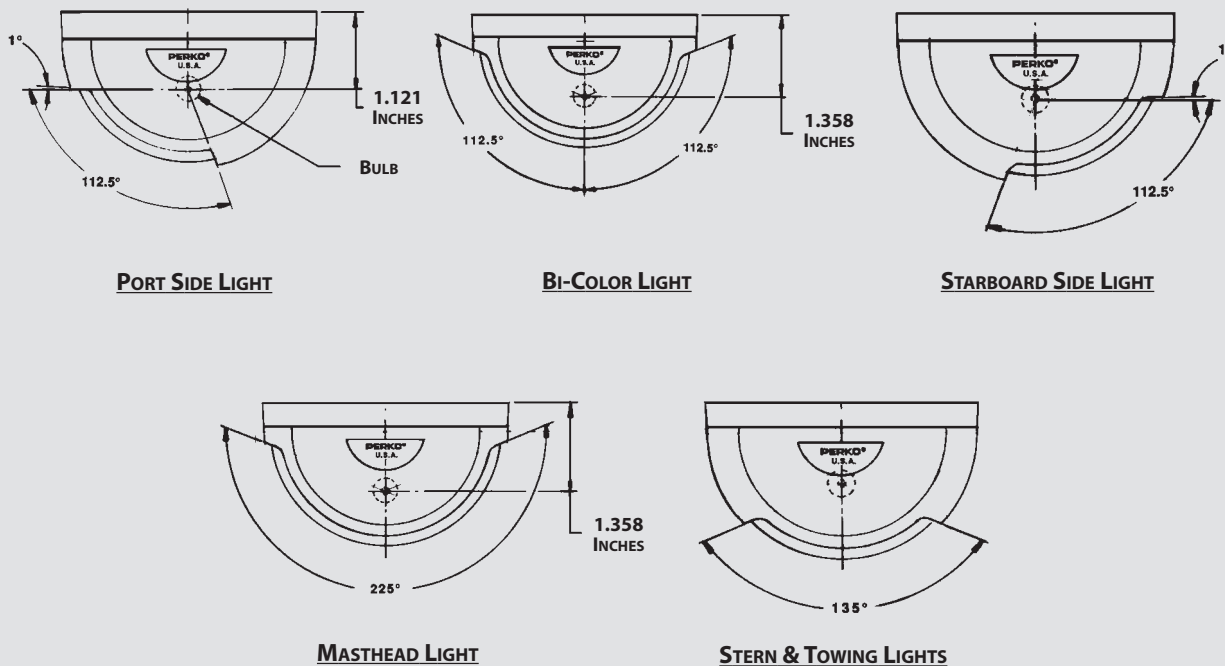
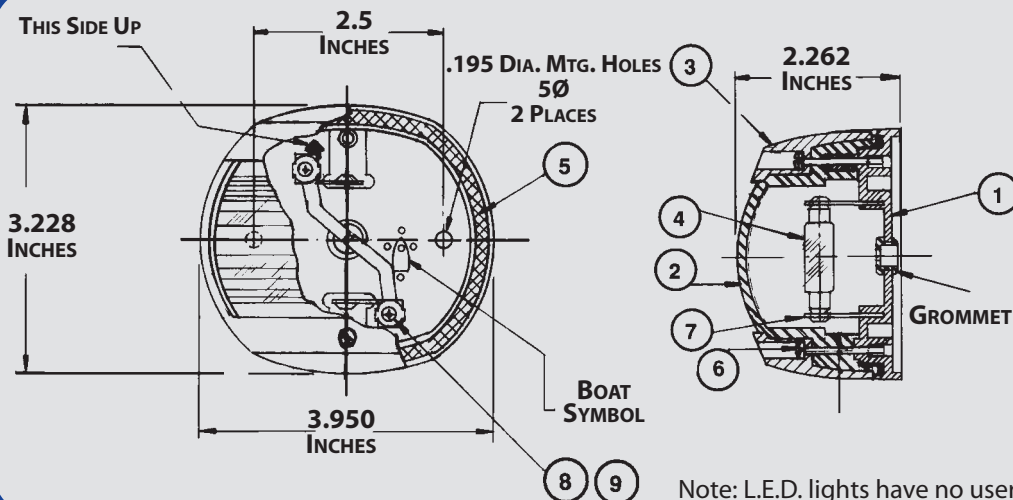


Fig. No. 0170 Series Incandescent Navigation Light Technical Information (See Lights on Page C-34)



- SPARE PARTS ORDERING INFORMATION**
- 1) Base Assembly
  - 2) Lens Assembly
  - 3) Cover
  - 4) Spare Bulbs  
For 0170 BSN, MSN & WSN (12 Volt), Cat. No. 0069DP0CLR. (2 Per Card)  
For 0170 BSN, MSN & WSN (24 Volt), Cat. No. 0067DP1CLR. (2 Per Card)
  - 5) Gasket
  - 6) Captive Screw
  - 7) Bulb Terminal
  - 8) Pan Head Screw
  - 9) Washer

\*For Spare Lens and Shield Assembly, Replace the Last Three Digits of the Catalog Number with the Letters "LNS" (e.g., 0170MM0LNS, for a Chrome Plated Shield and Masthead Lens).

Note: L.E.D. lights have no user serviceable parts

See Page C-39 for Bulb Information.



Version

Fig. 0555



### Fig. 0555 - Surface Mount Dome Light For Systems Up To 50 Volts

**CONSTRUCTION:**

- Chrome Plated Bronze with Clear Polymer Lens
- Toggle Switch
- L.E.D. Option:
  - 12V AC/DC L.E.D. (For other voltages contact factory)
- Incandescent Bulb Option:
  - Twin Double Contact Bayonet Sockets
  - Bulbs Not Included
- Will Accommodate Two Bulbs up to 20 Watts Each

**Ordering & Tech Info**

Material	O.D. Lens Inches	O.D. Base Inches	Depth Inches	Incandescent Std. Pkg. 1 Pc.	L.E.D. Std. Pkg. 1 Pc.	Screw Size	Ship Wt. Carton Lbs. Std. Pkg.
Chr. Bronze	6	7-7/8	3-1/8	0555000CHR	0555L00CHR	8	4.5
Marinium	6	7-7/8	3-1/8	0555000MAR	0555L00MAR	8	4.5

**SPARE PARTS ORDERING INFORMATION**

Switch: 0514DP. Lens: 0257DP6. Socket: 0276000.  
Incandescent: Use Fig. 0337 Bulb, refer to Page C-39 for Bulb Selection.

AVAILABLE IN  
**MARINIUM**  
Aluminum-Alloy  
For Complete  
Ordering Info:  
See Pgs R-183-184



Version



Fig. 0753

### Fig. 0753 - Surface Mount Dome Light For Systems Up To 50 Volts

**CONSTRUCTION:**

- Chrome Plated Wrought Brass with Frosted Glass Lens
- Toggle Switch
- L.E.D. Option:
  - 12V AC/DC L.E.D. (For other voltages contact factory)
- Incandescent Bulb Option:
  - Medium Screw Socket
  - Bulbs Not Included
- Size No. 1 Has One Socket and Switch. Will Accommodate One Bulb Up To 50 Watts
- Size No. 2 Has Two Sockets and Switches. Will Accommodate Two Bulbs Up To 25 Watts Each

**Ordering & Tech Info**

O.D. Glass Inches	O.D. Base Inches	Depth Inches	Incandescent Std. Pkg. 1 Pc.	L.E.D. Std. Pkg. 1 Pc.	Screw Size	Ship Wt. Carton Lbs. Standard Pkg.
8	9-1/2	4	0753001CHR	0753L01CHR	10 R.H.	2.9
8	9-1/2	4	0753002CHR	-----	10 R.H.	3.1

**SPARE PARTS ORDERING INFORMATION**

Switch, Cat. No. 0514DP. Socket: 1323.  
Flat Lens For Newer 0753 Style (4" Depth): 0132FLTFRD.  
Curved Lens For Older 0753 Style (3" Depth): 0132CVDFRD.  
Incandescent: Use Fig. 0337 Bulb, refer to Page C-39 for Bulb Selection.



Fig. 1263

### Fig. 1263 - Exterior Surface Mount Dome Light with Red & White Bulbs

**CONSTRUCTION:**

- Ivory PERKO•KOTE Zinc Alloy
- 12 Volt Bulb(s) Included
- Three Position Toggle Switch

**Ordering & Tech Info**

O.D. Lens Inches	O.D. Base Inches	Depth Overall Inches	Wattage of Bulb Supplied	Maximum Wattage	Dealer Pkg. - 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 10 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
4	5	1-7/8	11	18	1263DP1WHT	1263001WHT	10 R.H.	5.0/9.0

**SPARE PARTS ORDERING INFORMATION**

Clear Bulbs (2 per card): 0337012DP, Red Bulbs (2 per card): 0337R12DP, Socket: 0024DP1. Three Position Toggle Switch: 1263DP099A, Lens: 0257DP4.





- Fig. 1355 - L.E.D. Dome Light (No Switch)**
- Fig. 1356 - L.E.D. Dome Light with On/Off Switch (12 or 24 Volt)**
- Fig. 1357 - L.E.D. Dome Light with Trim Ring (No Switch)**
- Fig. 1358 - L.E.D. Dome Light with Dimmer Switch**



Dimmer Capable

**CONSTRUCTION:**

- Surface Mount
- Chrome Plated Zinc Alloy or White PERKO•KOTE
- Clear Polymer Lens
- 12 or 24 Volt L.E.D.s Draw Less than 10 Watts
- Screw Size No. 8 R.H.
- Depth Overall 1"



**Fig. 1355**  
Without Switch  
(White Shown)



**Fig. 1356**  
With On/Off Switch  
(Chrome Shown)



**Fig. 1357**  
With Trim Ring  
(White Shown)



**Fig. 1358**  
With Dimmer Switch  
(Chrome Shown)

**Ordering & Tech Info**

Finish	Options	Voltage	L.E.D.s & Wattage	Dimensions O.D. Inches	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 10 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk
Chrome	No Switch	12	3-3 Watt	3-5/8	1355DP0CHR	1355000CHR	4.1/8.1
White	No Switch	12	3-3 Watt	3-5/8	1355DP0WHT	1355000WHT	4.1/8.1
Chrome	On/Off Switch	12	3-3 Watt	3-5/8	1356DP0CHR	1356000CHR	4.2/8.2
Chrome	On/Off Switch	24	3-1 Watt	3-5/8	1356DP2CHR	1356002CHR	4.2/8.2
White	On/Off Switch	12	3-3 Watt	3-5/8	1356DP0WHT	1356000WHT	4.2/8.2
White	On/Off Switch	24	3-1 Watt	3-5/8	1356DP2WHT	1356002WHT	4.2/8.2
Chrome	Trim Ring, No Switch	12	3-3 Watt	4-1/2*	1357DP0CHR	1357000CHR	5.0/9.8
White	Trim Ring, No Switch	12	3-3 Watt	4-1/2*	1357DP0WHT	1357000WHT	5.0/9.8
Chrome	Dimmer Switch Built In	12	3-1 Watt	3-5/8	1358DP0CHR	1358000CHR	4.2/8.3
White	Dimmer Switch Built In	12	3-1 Watt	3-5/8	1358DP0WHT	1358000WHT	4.2/8.3

\* Including Trim Ring Note: Figs 1355 to 1357 are dimmer capable with wall switch (Not Included)

**Fig. 0318 - Dual Voltage Surface Mount Light**

**CONSTRUCTION:**

- White Translucent Polymer Cover
- White PERKO•KOTE Cast Zinc Alloy Base with Integral Junction Box
- Dual Voltage, For 12 and 120 Volts or 24 and 120 Volts
- Double Contact Bayonet Sockets
- Complete With Two 12 Volt, 11 Watt and Two 120 Volt, 15 Watt Bulbs or Two 24 Volt, 15 Watt and Two 120 Volt, 15 Watt Bulbs



**Fig. 0318**

Ordering Info			
Voltage	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 10 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk
12/120	0318DP	0318A00	9.5/16
24/120	0318DP2	-----	9.5

Tech Info
12 & 120 Volt or 24 & 120 Volt Length x Width: 9-3/4" x 3-1/2" Depth: 1-7/8" Screw Size: #10

**SPARE PARTS ORDERING INFORMATION**

12 Volt Bulbs (2 per card): 0337012DP. 24 Volt Bulbs (2 per card): 0337014DP.  
120 Volt Bulbs (2 per card): 0337023DP. Socket: 0024DP1. Globe: 0318A0099D.  
Switches with Square Buttons (1 Each High and Low): 0318A0099E.





Fig. 0300



Fig. 1253



Fig. 1258



Fig. 1260

- Fig. 0300 - Surface Mount Dome Light
- Fig. 1253 - Exterior Surface Mount Dome Light
- Fig. 1258 - Round Surface Mount Dome Light
- Fig. 1260 - Square Surface Mount Dome Light

**CONSTRUCTION:**

**Figs. 0300, 1258 & 1260 - Chrome Plated Zinc Alloy**

**Fig. 1253 - Ivory PERKO•KOTE Zinc Alloy**

Figs. 0300 & 1253: Clear Polymer Lens

Figs. 1258 & 1260: White Translucent Polymer Lens

- Double Contact Bayonet Socket
- Black Vinyl Mounting Gasket
- Push Switch with Water Resistant Boot
- 12 Volt Bulb Included

**Ordering & Tech Info**

	Dimensions Inches	Depth Overall Inches	Wattage of Bulb Supplied	Maximum Wattage	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 10 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
Round	3-3/4	1-1/2	7	11	0300DP0CHR	0300000CHR*	10 R.H.	3.2/10.6
Round	5	1-7/8	11	17	0300DP1CHR	0300001CHR	10 R.H.	4.9/8.7
Round	6	2	17	17	0300DP2CHR	0300002CHR	12 R.H.	6.9/11.8
Round	5	1-7/8	11	17	1253DP1WHT	1253001WHT	10 R.H.	4.8/8.5
Round	6	2	17	17	1253DP2WHT	1253002WHT	12 R.H.	6.7/12.0
Round	3-3/4	1-1/4	10	10	1258DP2CHR	1258002CHR	8 R.H.	2.7/5.0
Square	3-5/8 x 4-1/4	1-1/4	10	10	1260DP2CHR	1260002CHR	8 R.H.	3.3/6.6



\*OEM Bulk Pkg., 20 Pcs.

**SPARE PARTS ORDERING INFORMATION FOR FIGS. 0300 & 1253**

Bulbs (2 per card) for Size #0: 0337011DP. Switch: 0701DP.  
 Bulbs (2 per card) for Size #1: 0337012DP. Socket: 0024DP1.  
 Bulbs (2 per card) for Size #2: 0337013DP. Lens: 0257DP, Specify Size.

NOTE: To Use Fig. 1253 in a 24 Volt System, Order Replacement Bulb (1 per card): 0337014DP.

**SPARE PARTS ORDERING INFORMATION FOR FIGS. 1258 & 1260**

Figs. 1258 & 1260 Bulbs (2 per card): 0070DP0CLR. Switch: 0701DP.  
 Lens for 1258: 0244002WHT. Lens for 1260: 0245002WHT.

NOTE: To Use Figs 1258 & 1260 in a 24 Volt System, Order Replacement Bulbs (2 per card): 0067DP1CLR.

**Replacement Parts**

**Figs. 0052 & 0276 - Double Contact Bayonet Sockets**

Brass, with Wire Leads - Fig. 0276 Tapped for 1/8 Inch Pipe

**Fig. 0024 - Double Contact Bayonet Socket**

Black Polymer Body

**Fig. 1109 - Single Contact Miniature Bayonet Socket - Brass Body**

Fig. 0276



Fig. 0052



Fig. 0024



Fig. 1109

**Ordering Info**

Length Socket Inches	Pigtail Inches	Wire Length Inches	O.D. Inches	Standard Pkg. - 5 Pcs.	Dealer Pkg. 10 Cards 1 Pc. per Card	Ship Wt. Carton Lbs. Std. Pkg./DP
1	-----	6	-----	-----	0052DP	--/0.8
1-1/2	-----	6	-----	0276000	-----	0.2/--
2	-----	6	-----	0276002	-----	0.2/--
-----	10	-----	3/4	-----	0024DP1	--/0.7
-----	60	-----	3/4	-----	0024DP2	--/1.4
5/8	6	-----	3/8	-----	1109DP	--/0.6





**For Navigation Lights on Vessels Under 20 Meters (65.6 ft.) in Length**

**Fig. 0337 - Double Contact Bayonet Base Bulb**

**Ordering & Tech Info**

Nominal Voltage	Wattage	Amps	Dealer Pkg. 5 cards	Bulbs per Card	Bulb Diameter Inches	Mfr. Lamp No.	Ship Wt. Carton Lbs. Dealer Pkg.
12	7	.58	0337011DP	2	3/4	90	0.4
12	11	.94	0337012DP	2	3/4	1004	0.5
24	15	.63	0337014DP	1	1	306	0.5
32	13	.40	0337018DP	1	3/4	624	0.4



Fig. 0337

**Fig. 0375 - Double Contact Bayonet Indexing Base Bulb**

**Ordering & Tech Info**

Nominal Voltage	Wattage	Amps	Std. Pkg.- 1 Bulb	Ship Wt. Carton Lbs. Standard Pkg.
12	10	.83	037512V10W	0.1
12	25	2.08	037512V25W	0.1
24	10	.42	037524V10W	0.1
24	25	1.04	037524V25W	0.1
32	10	.31	037532V10W	0.1
32	25	.78	037532V25W	0.1

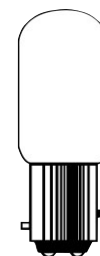


Fig. 0375

**Fig. 0340 - Medium Screw Base Bulb**

**Ordering & Tech Info**

Nominal Voltage	Wattage	Amps	Std. Pkg. 6 Bulbs	Type	L.C.L. Inches	Mfr. Lamp No.	Ship Wt. Carton Lbs. Standard Pkg.
12	15	1.25	0340005FRD	A-17	2-3/8	15-A	0.5
12	25	2.08	0340006FRD	A-19	2-9/16	25-A	0.7
32	15	.47	0340011FRD	A-17	2-3/8	15-A	0.5
32	25	.78	0340012FRD*	A-19	2-9/16	25-A	0.4



Fig. 0340

\* Std. Pkg. 2

**Fig. 0338 - Wedge Base Bulb**

**Ordering & Tech Info**

Nominal Voltage	Wattage	Amps	Dealer Pkg. - 5 Cards 2 Bulbs per Card	Bulb Dia. Inches	Bulb Length Inches	Ship Wt. Carton Lbs. Dealer Pkg.
12	5	.35	0338DP1CLR	13/32	1-1/16	0.2
12	9	.69	0338DP2CLR	5/8	1-1/2	0.2

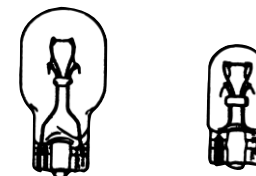


Fig. 0338 #2 Fig. 0338 #1

**Figs. 0067, 0069, 0070, 0071 & 0072**

**Festoon Bulbs - Double Ended**

**Ordering & Tech Info**

Nominal Voltage	Wattage	Amps	Dealer Pkg. - 5 Cards 2 Bulbs per Card	Bulb Dia. Inches	Bulb Length Inches	Ship Wt. Carton Lbs. Dealer Pkg.
12	8	.70	0071DP8CLR	3/8	1-1/8	0.2
12	10	.83	0069DP0CLR	3/8	1-5/8	0.2
12	10	.74	0070DP0CLR	3/8	1-11/16	0.2
12	15	.97	0070DP1CLR	9/16	1-11/16	0.3
12	10	.80	0071DP0CLR	3/8	1-1/8	0.2
24	8	.35	0072DP8CLR	3/8	1-1/8	0.2
24	10	.42	0067DP1CLR	3/8	1-11/16	0.2
24	18	.75	0067DP2CLR	9/16	1-11/16	0.2
24	10	.40	0072DP1CLR	3/8	1-1/8	0.2
32	12	.40	0070DP2CLR	3/8	1-5/8	0.2

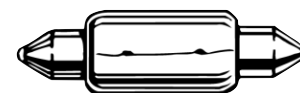


Fig. 0067  
Fig. 0069  
Fig. 0070  
Fig. 0071  
Fig. 0072

**Note: Bulbs MUST BE ORDERED in Standard or Dealer Package Quantities Only!**

Bulbs for Navigation Lights Over 20m See Page C-40.

# PERKO®

## BULBS & SPARE PARTS FOR NAVIGATION LIGHTS



### Dual Medium Prefocus Socket Assembly



Phenolic - 250 Volts - 1000 Watts  
Plug In Type - Prewired with two medium prefocus sockets. For use in double lens lights.

Std. Pkg. 1 Pc.	Ht Overall Inches	Width Overall Inches	Weight Ounces
0303	3-7/8	3-7/8	11

Male Plug Only Cat. No. 0303A00. Female Socket Only Cat. No. 0303B00.

### Medium Prefocus Sockets



Phenolic - 250 Volts - 1000 Watts

5 Pcs.	Height Overall Inches	Diameter Overall Inches	Std. Pkg.	Weight Per Pkg. Ounces
0367	1-7/8	1-1/2	1	12.5
0347A00*	1-7/8	1-1/2	5	22.7

\* Cat. No. 0347A00 (pictured) supplied with metal mounting cap tapped for 3/8 Inch I.P.S.

### Single Contact Prefocus Socket Assembly with Stand, Bottom Plate and Gasket



Std. Pkg. 1 Pc.	Ht Overall Inches	Dia. Overall Inches	Weight Ounces
0294003PLB	3	3-3/4	6

### Double Contact Socket



Std. Pkg. 1 Pc.	Height Overall Inches	Diameter Overall Inches	Weight Ounces
0134	7/8	1-3/4	1-1/4

### 112-1/2° Lenses



Color	Ht. Inches	Width Inches	Std. Pkg. 1 Pc.	Weight Ounces
Red	4-1/4	3-1/16	0259CL2RED	5
Green	4-1/4	3-1/16	0259CL2GRN	5
Red	5-1/16	3-11/16	0259CL3RED	10
Green	5-1/16	3-11/16	0259CL3GRN	10



Color	Ht. Overall Inches	Dia. Opening Inches	Std. Pkg. 1 Pc.	Weight Ounces
Red	6-3/4	6-1/8	0259001RED	16
Green	6-3/4	6-1/8	0259001GRN	16
Red	7-1/2	9-1/4	0259002RED	30
Green	7-1/2	9-1/4	0259002GRN	30

### 135° Lenses



Color	Height Inches	I.D. Inches	Std. Pkg. 1 Pc.	Weight Lbs.
White	4-1/4	3-1/2	0269CL2WHT	0.4
White	5-1/8	3-5/8	0269CL3WHT	0.6
Yellow	4-1/4	3-1/2	0269CL2YLW	0.4
Yellow	5-1/8	3-5/8	0269CL3YLW	0.6

Color	Height Overall Inches	Dia. Opening Inches	Std. Pkg. 1 Pc.	Weight Lbs.
White	6-3/4	5-1/8	0269001WHT	1.1
Red	6-3/4	5-1/8	0269001RED	1.1
Yellow	6-3/4	5-1/8	0269001YLW	1.1
White	7-1/2	7-1/4	0269002WHT	1.6
Red	7-1/2	7-1/4	0269002RED	1.6

### 360° Lenses



Color	Height Overall Inches	Diameter Opening Inches	Clear Std. Pkg. 1 Pc.	Frosted Std. Pkg. 1 Pc.
White	6-3/4	5-1/8	0261001CLR	0261001FRD
Red	6-3/4	5-1/8	0261001RED	0261RF1FRD
Green	6-3/4	5-1/8	0261001GRN	0261GF1FRD
Yellow	6-3/4	5-1/8	0261001YLW	0261MF1FRD
Gray	6-3/4	5-1/8	0261001GRY	-----
White	7-1/2	7-3/8	0261002CLR	0261002FRD
Red	7-1/2	7-3/8	0261002RED	0261RF2FRD
Green	7-1/2	7-3/8	0261002GRN	0261GF2FRD

Weight Size 1, 2.2 Lbs. - Weight Size 2, 3.2 Lbs.

### 225° Lenses



Color	Ht. Inches	I.D. Inches	Std. Pkg. 1 Pc.	Weight Lbs.
White	4-1/4	3-3/8	0256CL2WHT	0.5
White	5-1/8	3-1/4	0256CL3WHT	0.8

Color	Ht. Overall Inches	Dia. Opening Inches	Std. Pkg. 1 Pc.	Weight Lbs.
White	6-3/4	4-1/2	0256001WHT	1.4
Yellow	6-3/4	4-1/2	0256001YLW	1.4
White	7-1/2	6-5/8	0256002WHT	2.3

### 360° Lenses



Color	Height Inches	I.D. Inches	O.D. Inches	Std. Pkg. 1 Pc.
Red	5	2-7/8	3-1/4	0106000RED
Green	5	2-7/8	3-1/4	0106000GRN
White	5	2-7/8	3-1/4	0106000WHT
Yellow	5	2-7/8	3-1/4	0106000YLW
Gray	5	2-7/8	3-1/4	0106000GRY

Weight 12 oz.

### 360° Lenses With Top Assembly



Color	Ht. Overall Inches	Dia. Opening Inches	Std. Pkg. 1 Pc.	Weight Lbs.
White	5-3/4	5-1/2	0249000CLR	1.4
Red	5-3/4	5-1/2	0249000RED	1.4
Green	5-3/4	5-1/2	0249000GRN	1.4
Yellow	5-3/4	5-1/2	0249000YLW	1.4
Gray	5-3/4	5-1/2	0249000GRY	1.4

Weight 1.6 Lbs.

### Single Contact Prefocus Bulbs

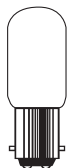


C-8 Filament Clear - 12 Volts

Std. Pkg. 1 Pc.	Amperage	Mfg. No.
0373001CLR	.25	25A/S8
0373002CLR	.55	55A/S8
0373003CLR	.77	77A/S8
0373004CLR	1.15	1.15A/S8
0373005CLR	2.03	2.03A/S8SCP

Weight 1 oz.

### Double Contact Bayonet Bulbs

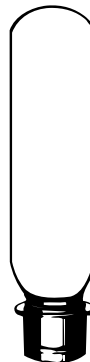


Clear Type T-8, C-8, Filament - 1-3/8 Inch L.C.L.

Std. Pkg. 1 Pc.	Voltage	Wattage	Candella
0374001CLR	12	30	24
0374002CLR	24	30	24
0374003CLR	32	30	24
0374004CLR	120	30	24

Weight 1 oz.

### Clear Medium Prefocus Bulbs



Cat. No.	Volts	Wattage
0342000CLR	120	7.5
0342001CLR*	120	15
0342002CLR*	120	25
0342003CLR*	120	40
0342024CLR	24	55
0342004CLR*	120	60
0342RS4CLR**	120	60
0342220CLR	220	65

Standard Pkg. - 1 pc. - \*OEM - 25 pcs available.  
Weight 1 Pc.: 0.1 lbs. - Weight 25 pk: 3.5 lbs  
\*\*Designed for rough service.

**Note: Bulbs MUST BE ORDERED in Standard or Dealer Package Quantities Only!**  
Bulbs for Navigation Lights Under 20 Meters (65.6 ft.) See Recreational Cat. 315-R, Page R-67



### 15 Inch Housing - Fig. 9304 (500 Watt), 110 or 220 VAC Power Supply 19 Inch Housing - Fig. 9854 (1600 Watt), 220 or 440 VAC Power Supply

XR Series Xenon Searchlights are designed and manufactured to meet the demanding needs of commercial marine applications. The short arc Xenon filled lamps produce an extremely bright and very white light which can be focused in the pilothouse into a narrow long range beam. The heavy duty head of the 1,600 watt light is a marine grade aluminum casting with integral cooling fins to assure cool operation at high output levels. The cast marine aluminum yoke & base are equally rugged. High quality Timkin bearings provide for smooth 380° rotation.

The XR Series model 9854 is available manually controlled with a traditional lever gear control system or remotely controlled with a distant electric control system. In addition, an optional heating capability is available to assure trouble free operation in areas of the world prone to icing conditions. The XR Series model 9854 searchlight can be operated continuously at 1,600 watts for maximum brightness providing in excess of 100,000,000 candlepower and up to 5.5 mile (IES Handbook) range.

The XR Series model 9304 searchlight can be operated continuously at 500 watts for a maximum brightness of 35,000,000 candlepower and over 3 mile (IES Handbook) range. An iridium coated precision reflector provides for maximum light output and sharp focus. The remote control panel controls lamp ignition (start-up) and focus from the pilot house. Superior cooling is provided by a heavy duty cooling fan which blows air across the lamp inside the sealed housing.

Both XR Series Searchlights include a single Xenon lamp. Perko offers a choice of several replacement lamps (1,000 and 1,600 watt) which will operate for the 9854 series searchlight when the proper amperage settings have been chosen. For the 9304 series, a 500 watt Xenon lamp is the only available option.





### Complete 9304 XR Series Searchlights (500 Watt)

#### Ordering Info With Distant Electric Control Base

Lamp Type & Lamp Size	Voltage	Catalog No. Without Heaters	Catalog No. With Heaters
500 Watt Xenon	120 VAC	9304E01WH5	9304EH1WH5
500 Watt Xenon	220 VAC	9304E02WH5*	9304EH2WH5*

#### Ordering Info With Lever/Gear Controls

Lamp Type & Lamp Size	Voltage	Catalog No. Without Heaters	Catalog No. With Heaters
500 Watt Xenon	120 VAC	9304L01WH5	9304LH1WH5
500 Watt Xenon	220 VAC	9304L02WH5*	9304LH2WH5*

#### Tech Info

Nominal Drum Diameter Inches	Nominal Searchlight Assembly Weight Pounds	IP Rating
13-3/4	71	65

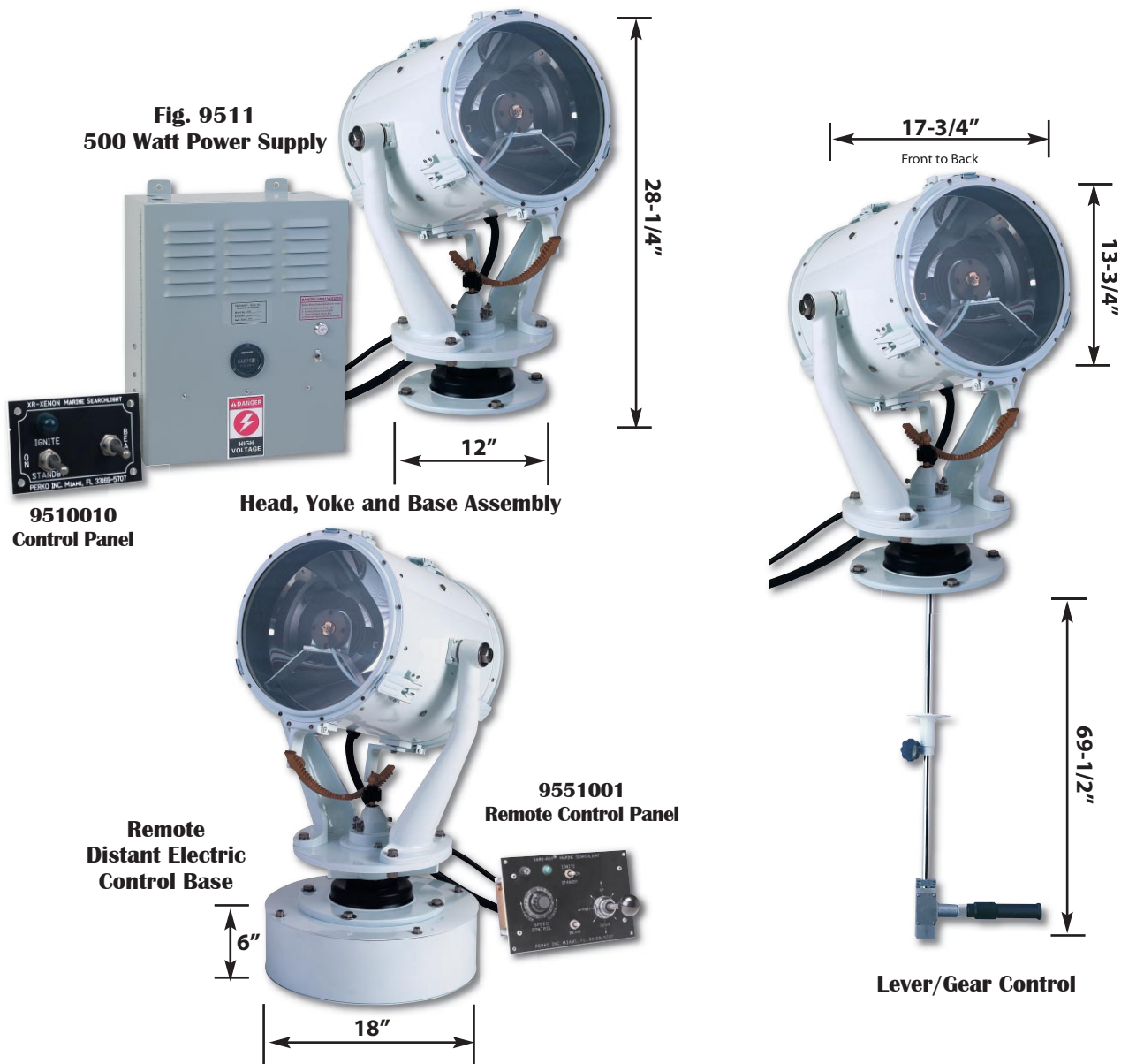
Gross Shipping Weight Including Crate Pounds	Xenon Lamp
Searchlight	185
Power Supply	95
Control Rod & Tube	11.5



Base Diameter, 12 Inches.

**NOTE: Lamps are included with complete Searchlights.**

\* 500 Watt 220 VAC Power Supply Ships 60hz unless 50hz is requested.





# PERKO® XR SERIES 19" XENON SEARCHLIGHT

## Complete 9854 XR Series Searchlights (1000 & 1600 Watt)

### Ordering Info With Distant Electric Control Base

Lamp Type & Lamp Size	Voltage	Catalog No. Without Heaters	Catalog No. With Heaters
1000 Watt Xenon	220 VAC	9854E02WH0	9854EH2WH0
1600 Watt Xenon	220 VAC	9854E02WH6	9854EH2WH6
1000 Watt Xenon	440 VAC	9854E04WH0	9854EH4WH0
1600 Watt Xenon	440 VAC	9854E04WH6	9854EH4WH6

### Ordering Info With Lever/Gear Controls

Lamp Type & Lamp Size	Voltage	Catalog No. Without Heaters	Catalog No. With Heaters
1000 Watt Xenon	220 VAC	9854L02WH0	9854LH2WH0
1600 Watt Xenon	220 VAC	9854L02WH6	9854LH2WH6
1000 Watt Xenon	440 VAC	9854L04WH0	9854LH4WH0
1600 Watt Xenon	440 VAC	9854L04WH6	9854LH4WH6

### Tech Info

Nominal Drum Diameter Inches	Nominal Searchlight Assembly Weight Pounds	IP Rating
19	145	65

Gross Shipping Weight Including Crate Pounds	Xenon Lamp
Searchlight	310
Power Supply	250
Control Rod & Tube	11.5



Base Diameter, 12 Inches.

Lamps are included with complete searchlights.

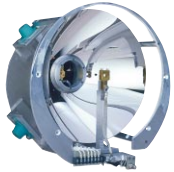
4

FIG. 9854 (1600 WATT) WITH 220 OR 440 (3Ø) VAC POWER SUPPLY





### MAJOR COMPONENT ORDERING INFORMATION



**Fig. 9521000**  
Optical Assy Only



**Fig. 9501000**  
19" Head Assy



**Fig. 9504000**  
15" Head Assy



**Fig. 9506000**  
19" Yoke Assy



**Fig. 9508000**  
15" Yoke Assy

#### Searchlight Head and Optical Components

Catalog Number	Description
9504000	Complete 15" Searchlight Head with Optical Assembly.
9508000	15" Searchlight Yoke & Base Assembly Only.
9501000	Complete 19" Searchlight Head with Optical Assembly.
9506000	19" Searchlight Yoke & Base Assembly Only.
9521000	Removable 1,600 Watt Optical Assembly.

A unique design feature of the 1600 Watt XR Series Searchlight is the ease with which the optical assembly can be changed. By removing a few bolts and easily accessible wires, the entire assembly comes out the front of the searchlight as one complete unit. Even older lights can be upgraded to current technology with just a simple swap out of optical assemblies and power supplies.



**Figs. 9512000**  
&  
**9514000**  
1600 Watt Power Supplies



**Fig. 9511**  
500 Watt Power Supply

#### Power Supply Components

Catalog Number	Description
9511000110	500 Watt-110 Volt Power Supply
9511000220	500 Watt-220 Volt Power Supply
9510000220	1,000 Watt-220 Volt (3Ø) Power Supply
9510000440	1,000 Watt-440 Volt (3Ø) Power Supply
9512000	1,600 Watt-220 Volt (3Ø) Power Supply
9514000	1,600 Watt-440 Volt (3Ø) Power Supply

XR Series power supplies are made using high quality, durable components. Power supply units can be easily exchanged for factory rebuilt units offering a low cost means of repairing or upgrading older units in the field. All power supplies include a remote panel for controlling lamp ignition and focus.



**Fig. 9530000**  
Lever Control Handle



**Fig. 9551000**  
Distant Electric Control Base



#### Control Components

Catalog Number	Description
9530000	Standard Length Lever Gear Mechanical Controls for Fig. 9854.
9551000	Remote Distant Electric Controls for Fig. 9854.
9551001	Additional Slave Controller for Distant Electric Control.

XR Series lights can be controlled using conventional mechanical lever gear controls or upgraded to remote distant electric control systems. The standard length for lever gear systems is 72 inches. Custom lengths are available. In either case searchlight movement is 380° horizontal and 70° vertical.



## XR SERIES XENON SEARCHLIGHTS - SPARE COMPONENTS

### ADDITIONAL COMPONENT ORDERING INFORMATION

#### Transformers



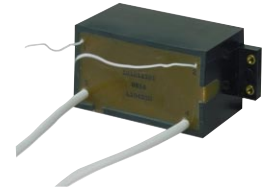
**Fig. 9510001**  
Accessory Transformer  
for 1600W Power Supply



**Fig. 9510013**  
Main Power Transformer  
for 1600W Power Supply



**Fig. 9521009**  
Excitation Transformer



**Fig. 9521017**  
Injection Transformer

#### Meters, Gauges & Control Panels



**1600W: Fig. 9510009**  
**500W: Fig. 9511003**  
Remote Ammeter



**Fig. 9510003**  
Hour Meter



**Fig. 9510010**  
Power Supply  
Control Panel Assembly



**Fig. 9551001**  
Distant Electric Base Control  
Panel & Slave Controller

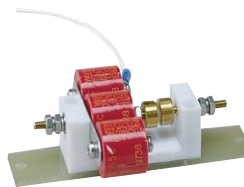
#### Fans, Spark Gap Assembly & Switches



**Fig. 9510011**  
Power Supply Fan  
and 500W Optical  
Assembly Fan



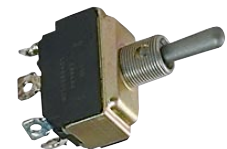
**Fig. 9521008**  
Optical Assembly Fan  
for 1600W



**Fig. 9521003**  
Spark Gap Assembly



**Fig. 9510005**  
Ignite Toggle  
Switch



**Fig. 9510006**  
Beam Focus Switch



**Fig. 9582001**



**Fig. 9582002**



**Fig. 9582003**

#### Searchlight Tools

##### Catalog Number Description

- 9582001 9/64" Hex (Lamp Changing) Tool.
- 9582002 500 Watt and 1KW Lamp Extractor Tool.
- 9582003 1/4" x 10" Reflector Adjusting Wrench.
- 9582004 Spare Emulator Kit for Fig. 9854 (See Manual Fig. 9581001 for item list).
- 9582005 Spare Parts & Maintenance Kit for Fig. 9854 (See Manual Fig. 9581001 for item list).

A number of custom produced tools make working with and on XR searchlights easier. One of the best (and safest) ways to evaluate the performance of older units in the field is with the Xenon lamp emulator kit which simulates Xenon lamps while running and during start-up. Other tools help adjust, focus and install lamps.

#### Manuals

##### Catalog Number Description

- 9581001 Installation Manual - For Fig. 9854 Complete Searchlights.
- 9581002 Installation Manual - For Fig. 9551 Remote Distant Electric Control Unit.
- 9581003 Installation Manual - For Figs. 9501 & 9521 Head and Optical Assemblies.
- 9581004 Installation Manual - For Fig. 9304 Complete Searchlights.





### XR Series Xenon Lamp Ordering Information

4



**WARNING!!**  
Xenon lamps are filled with Xenon Gas under high pressure. They may explode in either hot or cold state, especially if dropped or mishandled. **ALWAYS** wear protective safety equipment (a protective face mask with neck guard, chest protector, heavy clothing and leather gloves) when handling a lamp.

### AMPERAGE RATINGS

Xenon Lamp Size	Catalog Number	Current Range	Recommended Operation	Candle Power	Range Miles
300 Watt*	9563000	12A - 16A	15A @ 20V	20,000,000	3.1
500 Watt*	9565000	20A - 30A	30A @ 15V	35,000,000	3.8
1000 Watt	9560000	30A - 55A	50A @ 20V	80,000,000	5.1
1600 Watt	9566000	50A - 70A	65A @ 24V	100,000,000	5.5

\* 300W and 500W lamps shown as replacements on VARO 300W and 500W Searchlights only - Not used on 9854 Series Searchlights.

### LAMP WARRANTIES REQUIRE COMPLETION OF WARRANTY REGISTRATION FORMS SHORTLY AFTER PURCHASE AND INSTALLATION

**PERKO**  
**Purchase Notification**

Purchase Price \_\_\_\_\_

Date Completed \_\_\_\_\_

Date of Purchase \_\_\_\_\_

Authorized Dealer \_\_\_\_\_

Motor Vessel Name \_\_\_\_\_

**PERKO Inc.**  
**Miami, FL. 33169**

**PERKO**  
**Warranty Registration**

Purchase Price \_\_\_\_\_

Hour Meter Reading \_\_\_\_\_

Date of Installation \_\_\_\_\_

Authorized Dealer \_\_\_\_\_

Motor Vessel Name \_\_\_\_\_

**PERKO Inc.**  
**Miami, FL. 33169**

**NOTE:** PERKO offers a limited warranty on both the shelf and operating life of the XR Series Xenon lamps. Please see the XR Series "Limited Eighteen (18) Month Warranty" for all explicit terms and conditions of this warranty. XR Series Xenon lamps are supplied with an adapter sized to fit XR Series Searchlights. Adapters for other searchlights can be manufactured upon request. Contact customer service for details.





## 1900 Series All Aluminum - White Perko•Kote Finish 32, 120 or 230 Volts

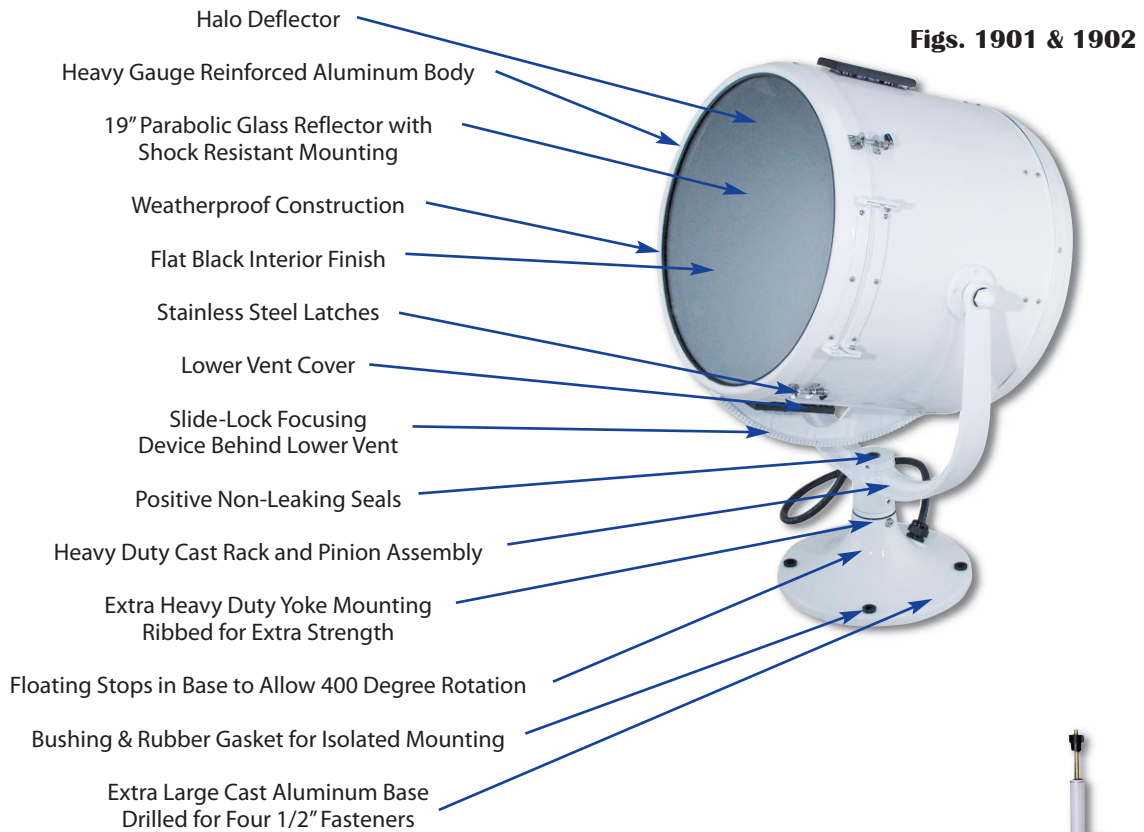
4

The 1900 Series - Solar-Ray® Searchlights are designed and built with the commercial user in mind where maximum size and brilliance count. These units are constructed of marine aluminum with heavy duty castings and heavy gauge reinforced bodies for extra durability. They are finished in our white PERKO•KOTE finish, an advanced process that eliminates the need for painting while providing a scratch resistant and chip-proof surface for painting when necessary to match the color of the vessel.

The 1900 Series is available with Deck, Wheel, Lever/Gear or Distant Electric Remote Controls. All models feature halo deflectors, parabolic glass mirror reflectors for maximum light output and ventilation covers for quick dissipation of heat to help prolong bulb life. Hinged front doors have quick release stainless steel latches to provide easy access for bulb replacement.

**Bulbs are not included and must be ordered separately.** PERKO offers a choice of the traditional incandescent or the brighter, more piercing quartz-halogen bulbs in a variety of voltages and wattages. For complete information on bulbs and candlepower output, see page C-50

### “1900 Series” High Power Searchlight Features



**Fig. 1922**

**DECK CONTROL**  
Equipped with handles on the rear cover for positioning.

**WHEEL CONTROL**  
Turn upper wheel for horizontal position. Turn lower wheel for vertical position.

### CONTROL TYPES

**DISTANT ELECTRIC CONTROL**  
Joystick type controller with variable speed control for both horizontal and vertical positioning.



**Fig. 1925**

**LEVER/GEAR CONTROL**  
Aim handle for horizontal position. Twist handle for vertical position.



**Fig. 1921**



**Tech Info**

<b>Nominal Drum Diameter Inches</b>	<b>Base Diameter</b>
19	13



4



**Fig. 1902 Light Shown With Fig. 1922 Wheel Control**  
Distance Between Wheels, 2-1/2 Inches.

19"



**Fig. 1902DE4 Light Shown With Fig. 1925 Distant Electric Control**

6"



**Fig. 1902 Light Shown With Fig. 1921 Lever/Gear Control**

20-3/4"

32-3/4"



**Fig. 1901 Deck Control**

22"



**WATER-PROOF SEAL FOR GEAR MECHANISM**

**All Aluminum - White Perko•Kote Finish**

**Ordering & Tech Info**

Description	Catalog No.	Weight
<b>Deck Control Searchlight Head Assembly*</b>	1901004WHT	76 lbs.
<b>Wheel or Lever/Gear Control Searchlight Head Assembly</b> (Requires Control Assembly Below)	1902004WHT	76 lbs.
<b>Searchlight Head Assembly For Distant Electric Control Base</b>	1902DE4WHT	103 lbs.
<b>Wheel Control Assembly</b> (For Above)	1922000WHT	20 lbs.
<b>Lever/Gear Control Assembly</b> (For Above)	1921000WHT	13 lbs.
<b>Distant Electric Control Assembly</b> (For Above)	1925000WHT	100 lbs.

\*Cannot Be Fitted With Alternate Controls.



Custom Control Lengths and Pedestal Heights Are Available. Price Upon Application. Specify Measurements.

**Bulbs Are Not Included in Lights (See Page C-50).**

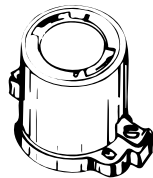


**Electric Socket and Support Stand Assemblies for 19 Inch Searchlights**

Solar-Ray® Searchlights include a socket and support stand based on the bulb or socket information given when ordering. The following chart makes it possible to order and stock different assemblies for field conversion, to meet a large variety of voltage and candlepower requirements with a minimum of inventory.

Ordering & Tech Info			
Socket Type	Socket Code	Socket & Stand Catalog Number	Height Stand Inches
Medium Screw	B	0872004	5-3/4
Medium Prefocus	E	0873004	5-7/16
Mogul Prefocus (1500 Watt)	L	1930004	3-5/8
Mogul Prefocus (1000 & 2000 Watt)	M	1931004	3-1/8
2-Pin Prefocus (900 Watt)	K	0880004	7-5/16

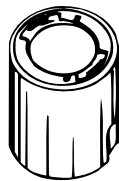
**Replacement Socket Ordering Info  
For 0800 Series and 1900 Series Solar-Ray® Searchlights**



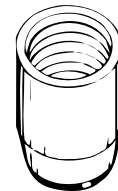
Mogul Prefocus Socket  
(Codes "L & M")  
Catalog No. 0893



Medium Screw Socket  
(Code "B")  
Catalog No. 0894



Medium Prefocus Socket  
(Code "E")  
Catalog No. 0895



Mogul Screw Socket  
(Code "D")  
Catalog No. 0897

OLD SOCKET	NEW SOCKET
<p>2-Pin Prefocus Socket (Codes "F, G, H &amp; I") Catalog No. 0899</p>	<p>2-Pin Prefocus Socket (Code "F, G, H, I &amp; K") Catalog No. 0899</p>

For use with 10, 12, & 14 Inch Searchlights

OLD SOCKET	NEW SOCKET
<p>2-Pin Prefocus Socket (Code "K") Catalog No. 0866</p>	<p>2-Pin Prefocus Socket (Code "K") Catalog No. 0899</p>

For use with 12, 14 & 19 Inch Searchlights



## Bulb Ordering Information For 19 Inch Searchlights

For best results, the bulb and reflector must be perfectly compatible; therefore be sure to specify the catalog number of the bulb desired. Peak candlepower is exceedingly sensitive to many factors, (i.e., a light source out of focus by 1/32 inch, under-voltage of only 4%, or differences between bulb manufacturers) which can cause a reduction of range of up to 20%. See below. For a more concentrated beam, longer range, brighter light and a longer life, we recommend the Quartz/Halogen bulbs.

4

### Ordering & Tech Info

Voltage	Approx. Range Miles*	Bulb Catalog Number	Bulb Type	Socket Type	Socket Code Letter	Wattage	Rated Life Hours**	Maximum Candlepower Output	Horizontal Beam Spread Degrees	Vertical Beam Spread Degrees	Mfg. Bulb Code
32	1-2/3	0806	Incandescent	Medium Screw	B	500	50	3,520,000	3.5	3.7	DLT
120	1-5/8	0807	Incandescent	Medium Prefocus	E	500	25	3,191,000	3.5	4.0	CZX
120	1-3/8	0837	Incandescent	Medium Prefocus	E	750	200	2,076,000	3.6	4.2	DDY
120	1-3/4	0809	Incandescent	Medium Prefocus	E	750	25	4,569,000	3.6	4.5	DDB
120	2	0810	Incandescent	Medium Prefocus	E	1000	25	5,622,000	3.6	4.2	DRS
120	1-3/4	0844	Quartz/Halogen	Medium Prefocus	E	500	500	3,861,000	3.0	5.4	BTL
120	1-5/8	0845	Quartz/Halogen	Medium Prefocus	E	750	200	2,871,000	3.6	5.4	BTP
120	2	0839	Quartz/Halogen	2-Pin Prefocus	K	900	75	5,769,000	5.9	5.4	BVA
120	1-2/3	0847	Quartz/Halogen	Mogul Prefocus	M	1000	200	3,659,000	4.5	5.4	BVV
120	1-7/8	0846	Quartz/Halogen	Medium Prefocus	E	1000	200	4,601,000	4.5	5.4	BTR
120	2	0848	Quartz/Halogen	Mogul Prefocus	L	1500	300	5,596,000	5.9	5.7	DTA
120	1-2/3	0859	Quartz/Halogen	Mogul Prefocus	M	2000	250	3,633,000	9.4	5.9	BVW
230	1-3/8	0860	Quartz/Halogen	Medium Prefocus	E	1000	950	2,162,000	7.9	6.5	FKD

\*The approximate ranges listed above are based on photometric measurements of beam candlepower output under ideal conditions. Many factors such as atmospheric conditions, size and color of target, background, etc., may reduce effective range considerably; therefore, these figures are offered only as a guide to compare different bulb and voltage options.

### Please Order Carefully, Bulbs Are Not Returnable.

\*\*NOTE: These are the "Rated Average Laboratory Life in Hours" of the Bulb Manufacturer obtained in closely controlled laboratory life testing of groups of lamps at their design voltage. It is not necessarily the same as the service life where conditions such as shock, vibration, voltage fluctuation and environment may result in a shorter average attained life.

## Spare Parts Ordering Information For 19 Inch Searchlights

### Ordering & Tech Info

Fig. No.	Front Glass	Front Door with Glass	Rear Cover	Reflector*	Pinion Gear
1901	0889004CLR	1936000WHT	1932000WHT	0890004	----
1902	0889004CLR	1936000WHT	1933000WHT	0890004	0905

\*Replacement Retaining Clips (Cat. No. 0911) for the Reflector Should Also Be Ordered When Ordering a Replacement Reflector to Assure a Proper Fit.



## 0800 Series 10", 12" or 14"

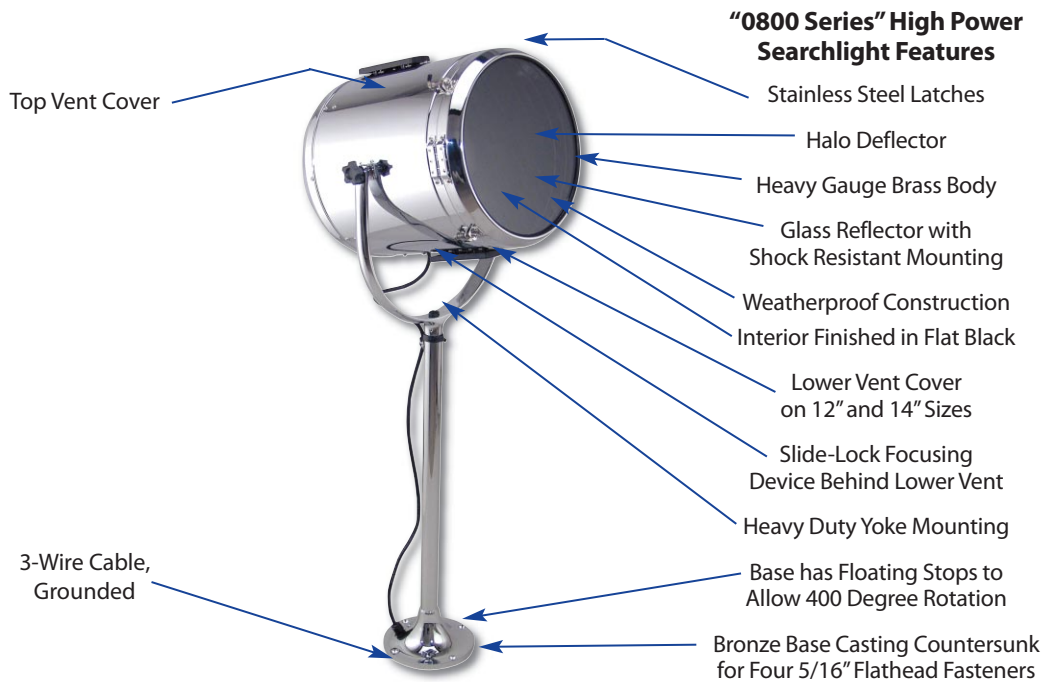
**Cast Bronze and Heavy Gauge Brass  
Polished Chrome or White Perko-Kote Finish  
12, 24, 32, 120 or 230 Volts**



4

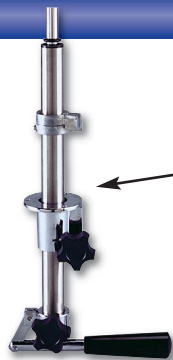
The 0800 Series - Solar-Ray® Searchlights are available in 10", 12" and 14" sizes with your choice of Deck, Wheel, Lever/Gear Controls or DEC on 14 inch model. All models feature: halo deflectors, parabolic glass mirror reflectors for maximum light output and ventilation covers for quick dissipation of heat to help prolong bulb life. Hinged front doors have quick release stainless steel latches to provide easy access for bulb replacement. The 0800 Series models are also available in our white PERKO-KOTE finish, an advanced powder coating process that eliminates the need for painting while providing a scratch resistant and chip-proof surface for painting when necessary to match the color of the vessel.

**Bulbs are not included and must be ordered separately.** PERKO offers a choice of the traditional incandescent or the brighter, more piercing quartz-halogen bulbs in a variety of voltages and wattages to fit every need. For complete information on bulbs and candlepower output, see pages C-60 & 61.



**BULBS ARE NOT INCLUDED IN LIGHTS.**

### Control Types



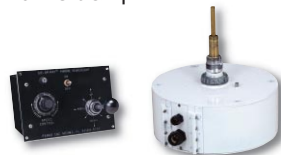
**Fig. 0851**

**DECK CONTROL (C-52 & 53)**

Equipped with handles on the rear cover for positioning.

**LEVER CONTROL (C-54 & 55)**

Aim handle for horizontal position. Move handle up and down for vertical position.



**WHEEL CONTROL (C-56 & 57)**

Turn upper wheel for horizontal position. Turn lower wheel for vertical position.

**LEVER/GEAR CONTROL (C-56 & 57)**

Aim handle for horizontal position. Twist handle for vertical position.

**DISTANT ELECTRIC CONTROL (C-58)**

Joystick type controller for both horizontal & vertical positioning (Only Available on the 0887)



**Fig. 0852**

**Fig. 0969**



## 0883 Series Deck Control Solar-Ray® Searchlights 10", 12" or 14"

Lamp



Incandescent

4

### Tech Info

"A" Nominal Drum Diameter Inches	"C" Length Drum Inches	Approx. Ship Weight Pounds
10	13	28
12	15	38
14	17	45



Fig. 0883 - Standard Pedestal Chrome



Fig. 0883 - High Pedestal Chrome



Fig. 0883 - Medium Pedestal White

- A - Nominal drum diameter
- C - Drum length
- J - Overall height from mounting surface to top of searchlight

**Bulbs Are Not Included in Lights (See Pages C-60 & 61).**





## 0883 Series Deck Control Solar-Ray® Searchlights

### 10", 12" or 14" Ordering Info

- NOTES:
- 1) These Searchlights Cannot Be Fitted With Controls.
  - 2) Bulbs Must be Ordered Separately, Refer to Pages C-60 & 61 for Ordering Information.
  - 3) Refer to Worksheet on Page C-59 For Help in Bulb Ordering.

#### Ordering Info - Standard Pedestal

Nominal Reflector Size Inches	"J" Height Overall Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	20-1/8	0883OP1CHR	0883OP1WHT
12	22-1/8	0883OP2CHR	0883OP2WHT
14	25-1/8	0883OP3CHR	0883OP3WHT

Standard Pedestal Base Diameter, 7 Inches

#### Ordering Info - Medium Pedestal

Nominal Reflector Size Inches	"J" Height Overall Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	27-1/2	0883MP1CHR	0883MP1WHT
12	29-1/2	0883MP2CHR	0883MP2WHT
14	32-1/2	0883MP3CHR	0883MP3WHT

Medium Pedestal Base Diameter, 8 Inches

#### Ordering Info - High Pedestal

Nominal Reflector Size Inches	"J" Height Overall Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	44	0883HP1CHR	0883HP1WHT
12	46	0883HP2CHR	0883HP2WHT
14	49	0883HP3CHR	0883HP3WHT

High Pedestal Base Diameter, 8 Inches

**NOTE: Custom Pedestal Heights are Available. Price Upon Application. Specify the "J" Dimension for Custom Pedestal Height.**

High Pedestal White



Med. Pedestal White



Std. Pedestal White



Std. Pedestal Chrome



Med. Pedestal Chrome



High Pedestal Chrome





## 0884 Series Lever Control Solar-Ray® Searchlights

10", 12" and 14"

Lamp



Incandescent

4

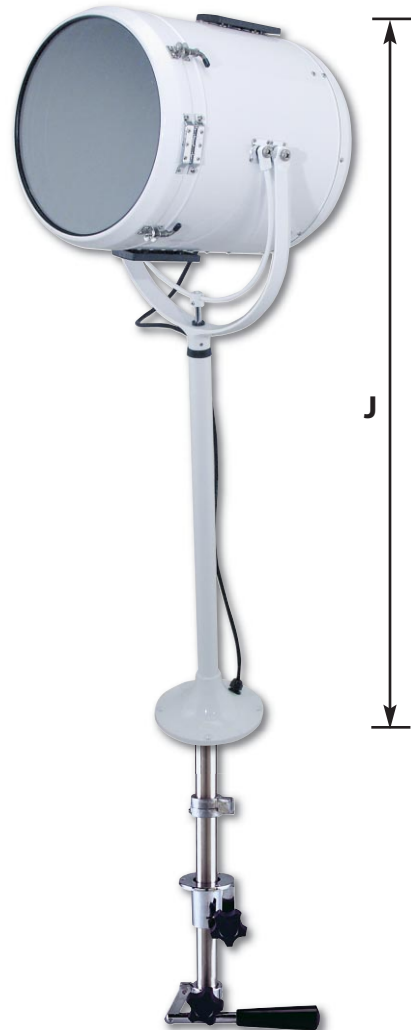
Tech Info		
"A" Nominal Drum Diameter Inches	"C" Length Drum Inches	Approx. Ship Weight Pounds
10	13	28
12	15	38
14	17	45



**Fig. 0884**  
Standard Pedestal  
Chrome



**Fig. 0884**  
Medium Pedestal  
Chrome



**Fig. 0884**  
High Pedestal  
White

- A - Nominal drum diameter
- C - Drum length
- J - Overall height from mounting surface to top of searchlight
- E - Control length

**Bulbs Are Not Included in Lights (See Pages C-60 & 61).**







# PERKO® LEVER CONTROL SOLAR-RAY® SEARCHLIGHT HEAD ASSEMBLIES

## 0884 Series Lever Control Solar-Ray® Searchlights

### 10", 12" and 14" Ordering Info

- Notes: 1) Bulbs Must be Ordered Separately, Refer to Pages C-60 & 61 for Ordering Information.  
2) Refer to Worksheet on Page C-59 For Help in Bulb Ordering.

#### Ordering Info - Standard Pedestal Head Assemblies

Nominal Reflector Size Inches	"J" Height Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	20-1/8	0884OP1CHR	0884OP1WHT
12	22-1/8	0884OP2CHR	0884OP2WHT
14	25-1/8	0884OP3CHR	0884OP3WHT

Standard Pedestal Base Diameter, 7 Inches

#### Ordering Info - Medium Pedestal Head Assemblies

Nominal Reflector Size Inches	"J" Height Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	28-1/4	0884MP1CHR	0884MP1WHT
12	30-1/4	0884MP2CHR	0884MP2WHT
14	33-1/4	0884MP3CHR	0884MP3WHT

Medium Pedestal Base Diameter, 8 Inches

#### Ordering Info - High Pedestal Head Assemblies

Nominal Reflector Size Inches	"J" Height Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	44-3/4	0884HP1CHR	0884HP1WHT
12	46-3/4	0884HP2CHR	0884HP2WHT
14	49-3/4	0884HP3CHR	0884HP3WHT

High Pedestal Base Diameter, 8 Inches



**NOTE: Custom Pedestal Heights are Available. Price Upon Application. Specify the "J" Dimension for Custom Pedestal Height.**

### Fig. 0851 - Lever Control Assemblies

Control assemblies of different lengths may be interchanged on Solar-Ray® searchlights (Fig. 0884) of the same pedestal height. The following chart makes it possible to order and stock different lengths of these assemblies separately to offer a large variety of Solar-Ray® searchlights with a minimum of inventory. Custom Control Lengths are Available. Price Upon Application. Specify the "E" Dimension for Custom Control Lengths.

#### Ordering & Tech Info

"E" Length Control Inches	O For Standard Pedestal	M For Medium Pedestal	H For High Pedestal Cat. No.	Approx. Ship Weight Lbs. O/M/H
8-1/2	0851000*	0851M00*	0851H00*	3.4/4.3/6.1
15-1/2	08510A0	0851MA0	0851HA0	4.1/4.9/6.3
22-1/2	08510B0	0851MB0	0851HB0	5.0/5.8/6.9
29-1/2	08510C0	0851MC0	0851HC0	5.8/6.6/8.5

\* Maximum Ceiling Thickness, 4-1/2 Inches

### 0885 Series Wheel or Lever/Gear Control Solar-Ray® Searchlights

10", 12" and 14"

Lamp

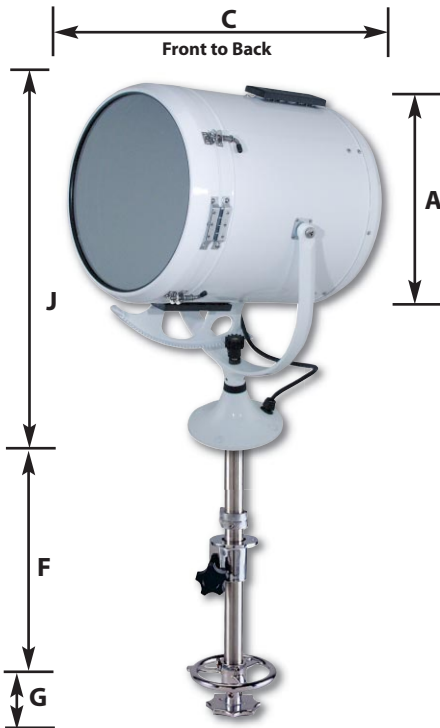


Incandescent

4

#### Tech Info

"A" Nominal Drum Diameter Inches	"C" Length Drum Inches	Approx. Ship Weight Pounds
10	13	28
12	15	38
14	17	45



**Fig. 0885 White Standard Pedestal Shown With Wheel Control**



**Fig. 0885 Chrome Medium Pedestal Shown With Lever/Gear Control**



**Fig. 0885 Chrome High Pedestal Shown With Wheel Control**

- A - Nominal drum diameter
- C - Drum length
- E - Control length (lever/gear control)
- F - Control length (wheel control)
- G - Distance between wheels, 2 inches.
- J - Overall height from mounting surface to top of searchlight

**Bulbs Are Not Included in Lights (See Pages C-60 & 61).**





# PERKO® WHEEL OR LEVER/GEAR CONTROL SOLAR-RAY® SEARCHLIGHT HEAD ASSEMBLIES

## 0885 Series Wheel or Lever/Gear Control Solar-Ray® Searchlights 10", 12" and 14" Ordering Info

Notes: 1) Bulbs Must be Ordered Separately, Refer to Pages C-60 & 61 for Ordering Information.  
2) Refer to Worksheet on Page C-59 For Help in Bulb Ordering.

### Ordering Info - Standard Pedestal Head Assemblies

Nominal Reflector Size Inches	"J" Height Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	20-1/8	0885OP1CHR	0885OP1WHT
12	22-1/8	0885OP2CHR	0885OP2WHT
14	25-1/8	0885OP3CHR	0885OP3WHT

Standard Pedestal Base Diameter, 7 Inches

### Ordering Info - Medium Pedestal Head Assemblies

Nominal Reflector Size Inches	"J" Height Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	28-1/4	0885MP1CHR	0885MP1WHT
12	30-1/4	0885MP2CHR	0885MP2WHT
14	33-1/4	0885MP3CHR	0885MP3WHT

Medium Pedestal Base Diameter, 8 Inches

### Ordering Info - High Pedestal Head Assemblies

Nominal Reflector Size Inches	"J" Height Inches	Polished Chrome Catalog No.	White PERKO-KOTE Catalog No.
10	44-3/4	0885HP1CHR	0885HP1WHT
12	46-3/4	0885HP2CHR	0885HP2WHT
14	49-3/4	0885HP3CHR	0885HP3WHT

High Pedestal Base Diameter, 8 Inches

High Pedestal White



Med. Pedestal White



Std. Pedestal White



Std. Pedestal Chrome



Med. Pedestal Chrome



High Pedestal Chrome



NOTE: Custom Pedestal Heights are Available. Price Upon Application. Specify the "J" Dimension for Custom Pedestal Height.

### Control Assemblies - Figs. 0852 & 0969

Control assemblies of different lengths may be interchanged on Solar-Ray® searchlights (Fig. 0885) of the same pedestal height. The following chart makes it possible to order and stock different lengths of these assemblies separately to offer a large variety of Solar-Ray® Searchlights with a minimum of inventory.

#### Ordering Info Wheel Control - Fig. 0852

"F" Length Control Inches	0 For Standard Pedestal	M For Medium Pedestal	H For High Pedestal	Nominal Wt. Lbs. 0/M/H
7-1/2	0852000*	0852M00*	0852H00*	4.1/5.0/7.0
14-1/2	08520A0	0852MA0	0852HA0	4.9/5.7/7.6
21-1/2	08520B0	0852MB0	0852HB0	5.8/6.5/8.5
28-1/2	08520C0	0852MC0	0852HC0	6.5/7.3/9.2

\*Maximum Ceiling Thickness, 3 Inches

#### Ordering Info Lever/Gear Control - Fig. 0969

"E" Length Control Inches	0 For Standard Pedestal	M For Medium Pedestal	H For High Pedestal	Nominal Wt. Lbs. 0/M/H
8-1/2	0969000*	0969M00*	0969H00*	5.2/6.1/7.8
15-1/2	09690A0	0969MA0	0969HA0	6.0/6.6/8.5
22-1/2	09690B0	0969MB0	0969HB0	6.9/7.6/9.4
29-1/2	09690C0	0969MC0	0969HC0	7.6/8.3/10.2

\*Maximum Ceiling Thickness, 3-1/2 Inches

NOTE: Custom Control Lengths are Available. Price Upon Application. Specify the "E" or "F" Dimension for Custom Control Lengths.



Lamp



Incandescent

4

## 0887 Series

### for 12, 24 & 120 Volt

#### Tech Info

Nominal Drum Diameter Inches	Length Drum Inches	Gross Shipping Weight Pounds
14	17	68



**Fig. 0887 - Standard Pedestal With DEC Base**

### All Aluminum - White Perko•Kote Finish

#### Ordering Info

Description	Catalog No.
Searchlight Head Assembly w/ Distant Electric Control Base - 12 Volt	0887EA3WHT
Searchlight Head Assembly w/ Distant Electric Control Base - 24 Volt	0887EB3WHT
Searchlight Head Assembly w/ Distant Electric Control Base - 120 Volt	0887EC3WHT



**Bulbs Are Not Included in Lights (See Pages C•60 & 61).**



# PERKO<sup>®</sup> SOLAR-RAY<sup>®</sup> SEARCHLIGHT ORDERING WORKSHEET

## 0800 Series

See [www.perko.com](http://www.perko.com) for interactive Searchlight Ordering Guide

1) **Head Assembly Type:** \_\_\_\_\_

a) For deck control - 0883  
 b) For lever control - 0884  
 c) For wheel and lever/gear control - 0885

2) **Pedestal (overall) Height (see catalog page for details):** \_\_\_\_\_

a) Standard - O  
 b) Medium - M  
 c) High - H  
**For custom pedestal height see no. 10 below.**

3) **Reflector Size:** \_\_\_\_\_

a) 10 inch - 1  
 b) 12 inch - 2  
 c) 14 inch - 3

4) **Finish:** \_\_\_\_\_

a) PERKOPLATE (polished chrome) - CHR  
 b) PERKO-KOTE (white) - WHT

5) **Control Type:** \_\_\_\_\_

a) Lever control (For 0884 Head Assembly) - 0851  
 b) Wheel control (For 0885 Head Assembly) - 0852  
 c) Lever/Gear control (For 0885 Head Assembly) - 0969

6) **Control Length (when necessary):** \_\_\_\_\_

a) (8-1/2" for 0851 & 0969) or (7-1/2" for 0852) - 0  
 b) (15-1/2" for 0851 & 0969) or (14-1/2" for 0852) - A  
 c) (22-1/2" for 0851 & 0969) or (21-1/2" for 0852) - B  
 d) (29-1/2" for 0851 & 0969) or (28-1/2" for 0852) - C

7) **Bulb Number (see pages C-60 & 61 for details):** \_\_\_\_\_

8) **Socket Type:** \_\_\_\_\_ Code: \_\_\_\_\_

a) Medium Screw ..... "B"  
 b) Medium Prefocus..... "E"  
 c) Mogul Screw..... "D" (Not for use with 10 inch reflector.)  
 d) 2-Pin Prefocus (12 volt) ..... "F"  
 e) 2-Pin Prefocus (24 volt) ..... "G"  
 f) 2-Pin Prefocus (32 volt) ..... "H"  
 g) 2-Pin Prefocus (600 Watt) ..... "I"  
 h) 2-Pin Prefocus (900 watt) ..... "K"

9) **Custom control length:** \_\_\_\_\_  
 Specify control length desired as measured from pedestal base to lower end of control assembly ("E" or "F" dimension).

10) **Custom pedestal height:** \_\_\_\_\_  
 Specify overall height of searchlight desired as measured from the top of the searchlight head to the bottom of the pedestal base ("J" dimension).

### Spare Parts Ordering Info for 0800 Series Solar-Ray<sup>®</sup> Searchlights

Fig.	Size	Front Glass Cat. No.	Front Door with Glass Cat. No. *	Rear Cover Cat. No. *	Reflector** Cat. No.	Pinion Gear Cat. No.
0883	10"	0889001CLR	0891001CHR	0908001CHR	0890001	----
	12"	0889002CLR	0891002CHR	0908002CHR	0890002	----
	14"	0889003CLR	0891003CHR	0908003CHR	0890003	----
0884	10"	0889001CLR	0891001CHR	0902001CHR	0890001	----
	12"	0889002CLR	0891002CHR	0902002CHR	0890002	----
	14"	0889003CLR	0891003CHR	0902003CHR	0890003	----
0885	10"	0889001CLR	0891001CHR	0902001CHR	0890001	0905
	12"	0889002CLR	0891002CHR	0902002CHR	0890002	0905
	14"	0889003CLR	0891003CHR	0902003CHR	0890003	0905

\* NOTE: The Spare Part catalog numbers listed above are for the polished chrome (CHR) finish. To order white finish, replace the "CHR" in the catalog number with the "WHT" finish code.

\*\*Replacement Retaining Clips (Cat. No. 0910) For The Reflector Should Also Be Ordered When Ordering a Replacement Reflector To Assure a Proper Fit.



### 0800 Series Bulbs

The Following Chart is Provided to Aid in Proper Bulb Selection:

Searchlight Size Inches	Approximate Voltage	Approximate Range Miles*	Bulb Catalog Number	Bulb Wattage	Rated Life Hours**	Maximum Candlepower Output	Horizontal Beam Spread Degrees	Vertical Beam Spread Degrees
10"	12	1	0816	100	50	1,168,000	1.7	1.4
	24	1	0836	150	50	891,000	2.6	1.5
	32	3/4	0817	200	200	571,000	2.6	1.7
	32	1	0806	500	50	943,000	3.4	3.9
	120	1	0820	600	75	908,000	4.4	2.2
	120	1-1/8	0807	500	25	1,332,000	3.5	2.8
	120	1-1/8	0844	500	500	1,260,000	3.1	3.4
	12"	12	1-1/4	0816	100	50	1,617,000	1.5
24		1-1/8	0836	150	50	1,349,000	2.2	1.5
32		7/8	0817	200	200	865,000	2.4	1.6
32		1-1/8	0806	500	50	1,496,000	3.4	3.5
120		1	0837	750	200	977,000	4.1	3.7
120		1	0845	750	200	1,185,000	3.7	5.2
120		1-1/8	0820	600	75	1,410,000	4.3	1.9
120		1-1/4	0809	750	25	1,792,000	3.6	3.4
120		1-1/4	0844	500	500	1,641,000	3.2	3.4
120		1-1/4	0807	500	25	1,799,000	3.3	3.1
120		1-1/4	0811	1000	50	1,816,000	4.0	4.9
120		1-3/8	0810	1000	25	1,894,000	4.0	3.8
120		1-3/8	0846	1000	200	1,911,000	3.9	5.0
120		1-1/2	0839	900	75	2,482,000	4.5	5.5
230		7/8	0860	1000	950	865,000	6.9	5.9
14"	12	1-1/4	0816	100	50	1,756,000	1.5	1.0
	24	1-1/8	0836	150	50	1,367,000	2.3	1.2
	32	1	0817	200	200	943,000	2.2	1.5
	32	1-1/8	0806	500	50	1,591,000	4.0	3.7
	120	1-1/8	0837	750	200	1,254,000	3.9	4.5
	120	1-1/8	0845	750	200	1,531,000	3.6	5.1
	120	1-1/4	0820	600	75	1,626,000	4.5	1.9
	120	1-3/8	0844	500	500	1,840,000	2.9	3.2
	120	1-3/8	0811	1000	50	2,249,000	4.0	5.1
	120	1-1/2	0807	500	25	2,353,000	3.2	3.2
	120	1-1/2	0809	750	25	2,422,000	3.7	4.0
	120	1-1/2	0846	1000	200	2,586,000	3.8	5.0
	120	1-1/2	0810	1000	25	2,621,000	4.0	4.5
	120	1-5/8	0839	900	75	2,889,000	4.5	5.2
	230	1	0860	1000	950	1,021,000	7.7	6.2

\*The approximate ranges listed above are based on photometric measurements of beam candlepower output under ideal conditions. Many factors such as atmospheric conditions, size and color of target, background, etc., may reduce effective range considerably; therefore, these figures are offered only as a guide to compare different bulb and voltage options.

\*\*NOTE: These are the "Rated Average Laboratory Life in Hours" of the Bulb Manufacturer obtained in closely controlled laboratory life testing of groups of lamps at their design voltage. It is not necessarily the same as the service life where conditions such as shock, vibration, voltage fluctuation and environment may result in a shorter average attained life.



2-PIN PREFOCUS



MOGUL SCREW



MEDIUM PREFOCUS



MEDIUM SCREW



# BULB AND SOCKET ORDERING INFORMATION FOR SOLAR-RAY® SEARCHLIGHTS

## 0800 Series Bulbs

### Bulbs Are Not Included in Lights and Must Be Ordered Separately.

For best results, the bulb and reflector must be perfectly compatible; therefore, be sure to specify the catalog number of the bulb desired. Peak candlepower is exceedingly sensitive to many factors, (i.e., a light source out of focus by 1/32 inch, under-voltage of only 4%, or differences between bulb manufacturers) which can cause a variation in range of up to 20%.

### Incandescent Bulb Ordering Info

Bulb Catalog Number	Voltage	Wattage	Socket Type	Socket Code Letter	For Searchlight Sizes Inches	Rated* Life Hours	Mfg. Bulb Code
0806	32	500	Medium Screw	B	10, 12, 14	50	DLT
0807	120	500	Medium Prefocus	E	10, 12, 14	25	CZX/DAB
0809	120	750	Medium Prefocus	E	12, 14	25	DDB
0837	120	750	Medium Prefocus	E	12, 14	200	DGH
0810	120	1000	Medium Prefocus	E	12, 14	25	DRS
0811	120	1000	Mogul Screw	D	12, 14	50	DPT

For a More Concentrated Beam, Longer Range, Brighter Light and a Longer Life, We Recommend the Following Bulbs:

### “Quartz” Tungsten-Halogen Bulb Ordering Info

Bulb Catalog Number	Voltage	Wattage	Socket Type	Socket Code Letter	For Searchlight Sizes Inches	Rated* Life Hours	Mfg. Bulb Code
0816	12	100	2-Pin Prefocus	F	10, 12, 14	50	FDT
0836	24	150	2-Pin Prefocus	G	10, 12, 14	50	DZE-FDS
0817	32	200	2-Pin Prefocus	H	10, 12, 14	200	1945
0844	120	500	Medium Prefocus	E	10, 12, 14	500	BTL
0820	120	600	2-Pin Prefocus	I	10, 12, 14	75	DYS
0845	120	750	Medium Prefocus	E	12, 14	200	BTP
0839	120	900	2-Pin Prefocus	K	12, 14	75	BVA
0846	120	1000	Medium Prefocus	E	12, 14	200	BTR
0860	230	1000	Medium Prefocus	E	12, 14	950	FKD

### Please Order Carefully, Bulbs are Not Returnable.

**\*NOTE:** These are the “Rated Average Laboratory Life in Hours” of the Bulb Manufacturer obtained in closely controlled laboratory life testing groups of lamps at their design voltage. It is not necessarily the same as the service life where conditions such as shock, vibration, voltage fluctuation and environment may result in a shorter average attained life.

## Electric Socket and Support Stand Assemblies

Solar-Ray® Searchlights include a socket and support stand assembly based on the bulb or socket information given when ordering. The following chart makes it possible to order and stock different socket and stand assemblies for field conversion to meet a large variety of voltage and candlepower requirements with a minimum of inventory.

### Ordering Info

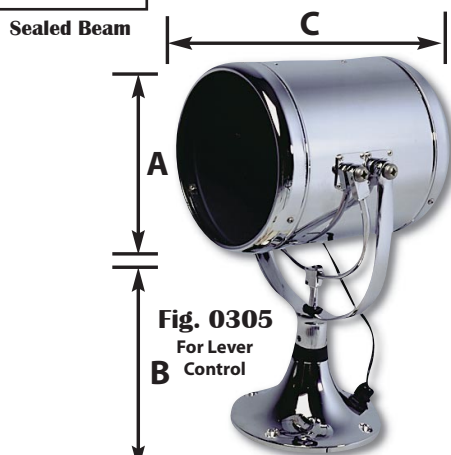
Socket Type (See Page 95 for Drawing)	Socket Code	For 10" Searchlights		For 12" Searchlights		For 14" Searchlights	
		Catalog Number	Height Stand Inches	Catalog Number	Height Stand Inches	Catalog Number	Height Stand Inches
Medium Screw	B	0872001	1-1/4	0872002	2-1/4	0872003	3-1/4
Medium Prefocus	E	0873001	1-5/16	0873002	1-15/16	0873003	2-15/16
Mogul Screw	D	-----	-----	0874002	7/16	0874003	1-1/4
2-Pin Prefocus (12 Volt)	F	0875001	3-1/2	0875002	4-1/2	0875003	5-1/2
2-Pin Prefocus (24 Volt)	G	0876001	3-1/4	0876002	4-1/4	0876003	5-1/4
2-Pin Prefocus (32 Volt)	H	0878001	3-1/4	0878002	4-1/4	0878003	5-1/4
2-Pin Prefocus (600 Watt)	I	0879001	3-1/8	0879002	4-1/8	0879003	5-1/8
2-Pin Prefocus (900 Watt)	K	-----	-----	0880002	3-13/16	0880003	4-13/16

**NOTE:** Refer to Page C-49 for Spare/Replacement Electric Socket Only Ordering Information.



CE

4



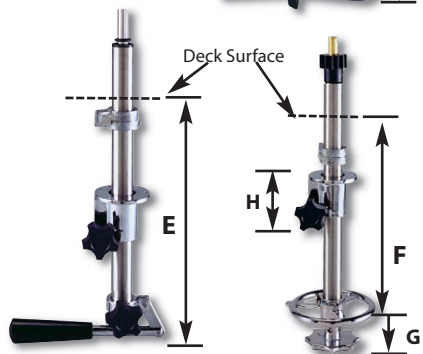
**Fig. 0305**  
For Lever Control



**Fig. 0313**  
For Wheel or Lever/Gear Control



**Fig. 0969**  
Lever/Gear Control  
Fits 0313 Head



**Fig. 0851**  
Lever Control  
Fits 0305 Head

**Fig. 0852**  
Wheel Control  
Fits 0313 Head

### Figs. 0305 & 0313 Series

#### CONSTRUCTION:

- Bronze Base, Brass Body
- Chrome Plated or White PERKO•KOTE Powder Coating
- For 12, 24 or 32 Volts

#### Dimensions (Inches)

A	B	C	D	G	H
8	8-1/2	10	7	2	2-1/8

#### Tech Info

Voltage	Wattage	Approximate Candlepower	Sealed Beam Range Miles	Sealed Beam Catalog No.
12	100	250,000	5/8	043300312V
24	450	470,000	3/4	043300324V
32	200	260,000	5/8	043300332V

#### Ordering Info - Figs. 0305 & 0313 Searchlight Heads

Voltage	Head Only Chrome Plated For Lever Control	Head Only White PERKO•KOTE For Lever Control	Head Only Chrome Plated For Wheel or Lever/Gear Control	Head Only White PERKO•KOTE For Wheel or Lever/Gear Control
12	0305H12CHR	0305H12WHT	0313H12CHR	0313H12WHT
24	0305H24CHR	0305H24WHT	0313H24CHR	0313H24WHT
32	0305H32CHR	0305H32WHT	0313H32CHR	0313H32WHT

Nominal Weight - 20 lbs.

Fig. 0354 Front Bezel with Glass for Figs. 0305 & 0313, Specify Chrome or White.  
Fig. 0355 Rear Cover for Figs. 0305 & 0313, Specify Chrome or White.

### Figs. 0851, 0852 & 0969 - Control Assemblies

#### CONSTRUCTION:

- Stainless Steel Tubes with Chrome Plated Fittings
- Lever Control Fits Fig. 0305 Head Assemblies.
- Wheel and Lever/Gear Controls Fit Fig. 0313 Head Assemblies.

#### Ordering & Tech Info

Control Length Inches		"E" Lever Control	"E" Lever/Gear Control	"F" Wheel Control	Nominal Weight Pounds E/E/F
"E"	"F"	For 0805	For 0313	For 0313	
8-1/2	7-1/2	0851000*	0969000**	0852000***	3.4/4.1/5.2
15-1/2	14-1/2	08510A0	09690A0	08520A0	4.1/4.9/6.0
22-1/2	21-1/2	08510B0	09690B0	08520B0	5.0/5.8/6.9
29-1/2	28-1/2	08510C0	09690C0	08520C0	5.8/6.5/7.6

Maximum Ceiling Thickness,

\*0851: 4-1/2 Inches.

\*\*0969: 3-1/2 Inches.

\*\*\*0852: 3 Inches.

Custom Lengths Available by Special Order.





# PERKO® PILOT HOUSE CONTROL SEALED BEAM SEARCHLIGHT

## Fig. 0314 - Pilot House Control Searchlight

### CONSTRUCTION:

- Chrome Plated or White PERKO•KOTE Powder Coated Brass
- Corrosion Resistant, Splash Proof Construction
- 7 & 8 Inch Sealed Beam Units Included
- Tin Plated Electrical Contacts and Wiring
- Lever Action, Pilot House Control
- 380° Horizontal Movement, 70° Vertical Movement
- Lever Handle Controls both Horizontal and Vertical Movement
- For Ceiling Thicknesses of up to 5"
- For 12, 24 or 32 Volts



4



### Ordering & Tech Info

Overall Length	Approx. Range	Beam Candle Power	Wattage	Chrome Catalog Number	White Catalog Number	Ship Wt. Carton Lbs. Std. Pkg.
<b>7 Inch Head</b>						
24	12	5/8	250,000	100	0314C0712V	0314W0712V
24	24	3/4	470,000	450	0314C0724V	0314W0724V
24	32	5/8	260,000	200	0314C0732V	0314W0732V
<b>8 Inch Head</b>						
26	12	3/4	500,000	250	0314C0812V	0314W0812V
26	24	3/4	500,000	600	0314C0824V	0314W0824V
26	32	3/4	500,000	600	0314C0832V	0314W0832V

### Replacement Sealed Beam Information

#### 7 Inch Head

- 12 Volt: 043300312V
- 24 Volt: 043300324V
- 32 Volt: 043300332V

#### 8 Inch Head

- 12 Volt: 043300412V
- 24 Volt: 043300424V
- 32 Volt: Order 24V Sealed Beam. If converting from another voltage, order Internal Dropping Resistor (0314R3299A) in addition to the bulb.





Fig. 0535



Fig. 0534



Fig. 0538



Sealed Beam Included



### Figs. 0534, 0535 & 0538 - Searchlights

**CONSTRUCTION:**

- Chrome Plated Brass Head
  - For 12, 24 or 32 Volts
- Tungsten or Halogen Bulb
  - Switch in Head

**Fig. 0534 - Deck Control**

- Chrome Plated Bronze Base
- 7 Inch Sealed Beam Bulb Included

**Fig. 0535 - Pilot House Control**

- Chrome Plated Bronze Base
- 7 Inch Sealed Beam Bulb Included
- Lever Handle Controls both Horizontal and Vertical Movement
  - Control Length: 7-1/2 Inches
- Maximum Ceiling Thickness: 4-1/2 Inches

**Fig. 0538 - Deck Control**

- Chrome Plated Brass Base
- 4-1/2 Inch Sealed Beam Bulb Included

#### Ordering & Tech Info

Voltage	O.D. Bulb Inches	Approx. Range Miles	Beam Candlepower	Wattage	Height Overall Inches	Base Dimension Inches	Catalog Number	Ship Wt. Carton Lbs. Std Pkg.
12	7	5/8	250,000	100	12-1/2	4-7/8 x 3-1/8	053400312V	9.0
24	7	3/4	470,000	450	12-1/2	4-7/8 x 3-1/8	053400324V	9.0
32	7	5/8	260,000	200	12-1/2	4-7/8 x 3-1/8	053400332V	9.0
12	7	5/8	250,000	100	-----	4-7/8 x 3-1/8	053500312V	9.0
24	7	3/4	470,000	450	-----	4-7/8 x 3-1/8	053500324V	9.0
32	7	5/8	260,000	200	-----	4-7/8 x 3-1/8	053500332V	9.0
12	4-1/2	1/4	50,000	30	7-1/2	3-1/2 O.D.	0538000CHR	1.5
12	4-1/2	1/3	100,000	50	7-1/2	3-1/2 O.D.	0538H00CHR*	1.5

\*NOTE: "H" in the Catalog Number Designates a Halogen Bulb.

Lamp



Sealed Beam Included



### Fig. 0440 - Removable Hand Held Deck Control Searchlight

**CONSTRUCTION:**

- Chrome Plated Brass Head and Base
  - For 12 or 32 Volts
- 4-1/2 or 7 Inch Sealed Beam Bulb Included
- 8 Feet of Coiled Cord & Cigarette Lighter Plug
- Watertight Deck Connection
  - Switch in Head

#### Ordering & Tech Info

Voltage	O.D. Bulb Inches	Approx. Range Miles	Beam Candlepower	Wattage	Height Overall Inches	Catalog Number	Ship Wt. Carton Lbs. Std Pkg.
12	4-1/2	1/4	50,000	30	7-1/2	044000112V	2.4
12	4-1/2	1/3	100,000	50	7-1/2	0440H0112V*	2.4
12	7	5/8	250,000	100	10	044000312V	5.5
32	7	5/8	260,000	200	10	044000332V	5.5

Base Diameter, 2-1/8 Inches.

\*NOTE: "H" in the Catalog Number Designates a Halogen Bulb.

#### SPARE SEALED BEAM ORDERING INFORMATION

4-1/2 Inch Sealed Beam: 043300112V.	7 Inch Sealed Beam (12 Volt): 043300312V.
4-1/2 Inch Halogen Sealed Beam: 043500112V.	7 Inch Sealed Beam (24 Volt): 043300324V.
Replacement Base: 0494000CHR	7 Inch Sealed Beam (32 Volt): 043300332V.

Fig. 0440 No. 3 Shown





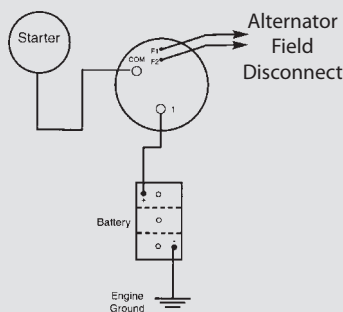
Battery disconnect switches help manage the overall use of electrical power onboard. They are used to connect or disconnect electrical devices from the electrical system. They help to prevent battery drain during periods of inactivity. They allow for a quick and easy way to shut down the entire electrical system in an emergency. An optional key lock helps to prevent unauthorized use of the vessel.

In addition to doing everything a battery disconnect switch does, battery selector switches permit battery selection (of two or more batteries) for specific purposes including starting engines, running accessories or even recharging. They allow for the use of one or more batteries in systems with one or more engines and facilitate putting batteries in parallel for emergency starting when one or both batteries are substantially discharged.

All Perko Battery disconnect switches and battery selector switches are UL listed, ignition protected and CE approved. This means they have been tested and certified by a respected outside agency, are designed to be used safely in a bilge where explosive fumes may be present and meet all the requirements for use and sale throughout the world.

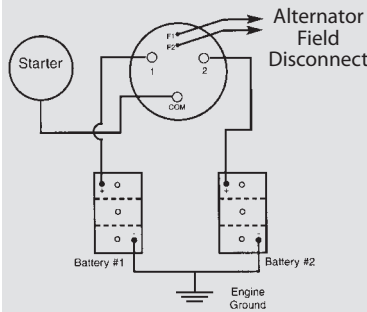
Perko battery switches are designed for surface mounting. Standard duty switches have a bright red polycarbonate housing for safety with a large easy-to-turn black knob. The housing of the heavy duty switches are red fiber-reinforced polycarbonate. Selector switches are designed with a "make before break" feature. This allows switching between the "1", the "all" and the "2" positions while the engine is running. Models with an "Alternator Field Disconnect" Feature offer protection for Non-Unitized Alternators should the switch accidentally be turned to the "OFF" position with the engine running.

**Diagram #1**



**SINGLE ENGINE  
SINGLE BATTERY**

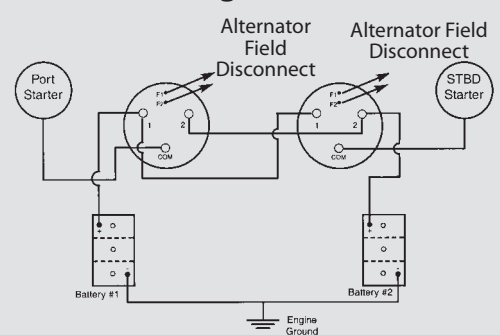
**Diagram #2**



**SINGLE ENGINE  
TWO BATTERIES**

Switch Position indicates which battery (#1, All, #2) is connected to engine.

**Diagram #3**

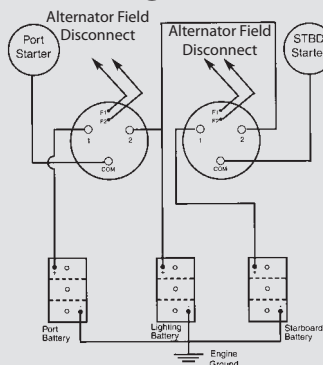


**2 ENGINES, 2 BATTERIES, 2 SWITCHES.**

This allows either engine to be started by either battery.

Port switch indicates which battery (#1, All, #2) is connected to the port engine and the starboard switch indicates which battery (#1, All, #2) is connected to starboard engine.

**Diagram #4**



**2 ENGINES, 2 ENGINE BATTERIES,  
1 SEPARATE BANK OF LIGHTING BATTERIES  
AND 2 SWITCHES**

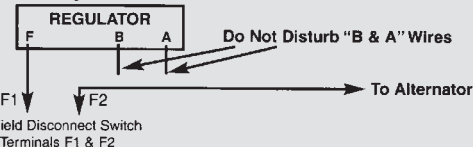
This allows both engines to be used to charge Lighting Batteries. Port switch indicates which battery (port only, port lighting only) is connected to the port engine and the starboard switch indicates which battery (starboard only, starboard lighting only) is connected to starboard engine.

### Optional Alternator Field Disconnect

A. Use minimum 14 awg wire, suitable for use in marine engine compartments.

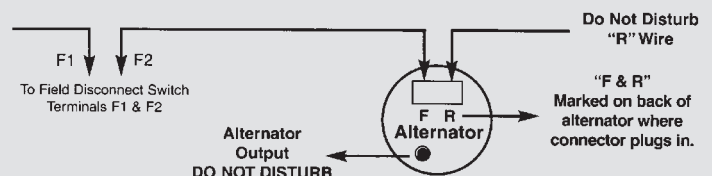
B. On systems with separate regulator, splice the field disconnect switch into the field wire "F" as shown:

1. At the Regulator:



To Field Disconnect Switch  
Terminals F1 & F2

2. On unitized alternators with built-in regulator and 3 wire hook-up, splice the field disconnect switch into the field wire "F" as shown"



C. On single wire alternators - a field disconnect cannot be installed.

On January 31, 1977 the U.S.C.G. Published Safety Standards for Marine Electrical Systems. These Standards Cover Such Technical Details As:

- Batteries and Associated Conductors
- Conductor Size and Ampacity
- Strain Relief and Pull Tests
- Termination Requirements
- Overcurrent Protection
- Ignition Protection
- Grounding
- Insulation

A particular electrical component may be affected by some or all of the above categories. Those categories related to product design have been complied with, however, many additional details must be considered by the installer of the equipment as well in order to achieve compliance with this standard. It is suggested that the actual standard be familiarized when installing equipment. Perhaps one of the most critical requirements is ignition protection. A product that is marked "Ignition Protected" can be used in that area of a boat that is not isolated from a gasoline fuel vapor source. Refer to the actual standard for a determination of what parts of a boat require Ignition Protected products.

If a product is not plainly marked "Ignition Protected" then assume it is not.

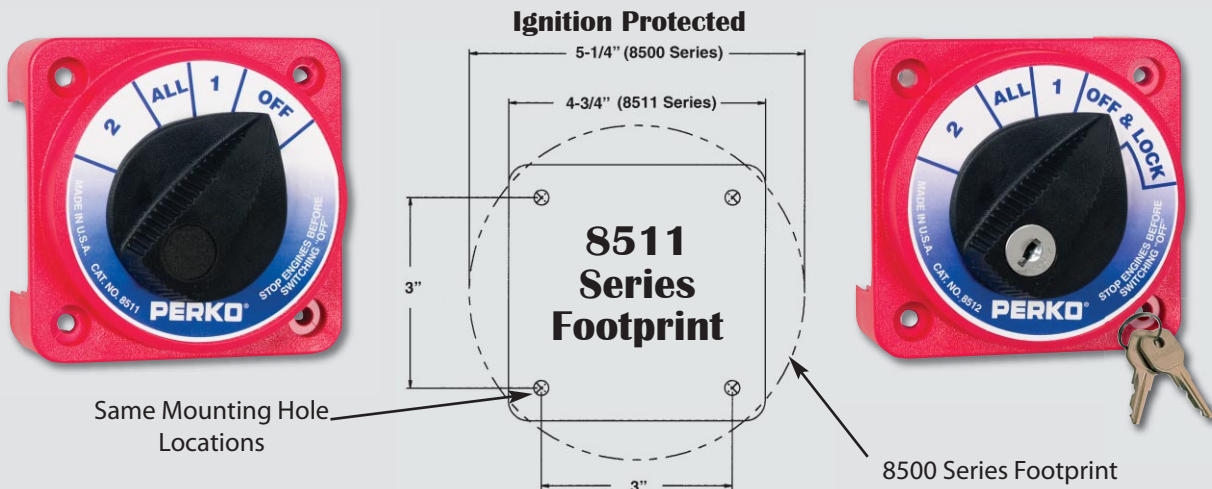
**For Details On All Of The Above, Obtain The Following:  
U.S.C.G. Safety Standards For Electrical Systems  
CFR Title 33, Chapter 1, Subchapter S, Part 183, Subpart I**

## COMPACT MEDIUM DUTY BATTERY SWITCHES

- Requires 1/3rd Less Space to Mount
- Higher Rating than Popular 8500 Series Switches
- New Smooth Rotary Action



- Popular 90° Easy to Identify Position Rotation
- On/Off & Selector Versions
- Locking & Non-Locking Models





## COMPACT BATTERY SELECTOR & MAIN DISCONNECT SWITCHES

### IGNITION PROTECTED

Protected by the following U.S. Patents; Design 260,637 - 4,280,028 - 4,424,424

For Use With 12, 24 and 32 Volt Marine Electrical Systems  
Higher Capacity - 315 AMPS Continuous, 450 AMPS Intermittent

- Same Bolt Pattern as Popular 8500 Series
- Smooth, Positive Position Selector
- Four removable skirt panels for easy cable access and mounting

**Fig. 8511 - Compact Battery Selector Switch**

**Fig. 8512 - Compact Battery Selector Switch with Key Lock**



Fig. 8511



Fig. 8512

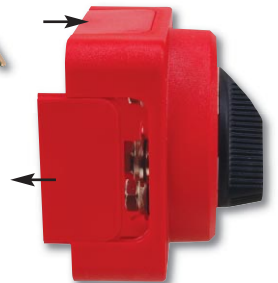


Illustration of removable skirt panels

### Ordering & Tech Info

	Dealer Pkg. 5 Pcs.	OEM Bulk Pkg. 25 Pcs.	Dimensions Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk	Alternator Field Disconnect
Features	1 Pc. per Pkg.	25 Pcs.				
w/o Key Lock	8511DP	8511	4-3/4 sq.	1-7/8	4.9/21.9	No
Key Lock	8512DP	8512	4-3/4 sq.	1-7/8	5.2/23.1	No

Surface Mount Trim Ring: 8511TRMRNG

### IGNITION PROTECTED

Protected by the following U.S. Patents; Design 260,637 - 4,280,028 - 4,424,424

For Use With 12, 24 and 32 Volt Marine Electrical Systems  
Higher Capacity - 315 AMPS Continuous, 450 AMPS Intermittent

- Same Bolt Pattern as Popular 9600 Series
- Smooth, Positive Position Selector
- Four removable skirt panels for easy cable access and mounting

**Fig. 9611 - Compact Main Battery Disconnect Switch**

**Fig. 9612 - Compact Main Battery Disconnect Switch with Key Lock**



Fig. 9611



Fig. 9612



Surface Mounting Trim Ring Available

### Ordering & Tech Info

	Dealer Pkg. 5 Pcs.	OEM Bulk Pkg. 25 Pcs.	Dimensions Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk	Alternator Field Disconnect
Features:	1 Pc. per Pkg.	25 Pcs.				
w/o Key Lock	9611DP	9611	4-3/4 sq.	1-7/8	4.6/20.0	No
Key Lock	9612DP	9612	4-3/4 sq.	1-7/8	4.8/21.5	No

Surface Mount Trim Ring: 8511TRMRNG



### IGNITION PROTECTED

Protected by the following U.S. Patents; Design 260,637 - 4,280,028 - 4,424,424

For Use With 12, 24 and 32 Volt Marine Electrical Systems  
Capacity - 250 AMPS Continuous, 360 AMPS Intermittent

**Fig. 8501 - Medium Duty Battery Selector Switch**

**Fig. 8502 - Medium Duty Battery Selector Switch with Key Lock**

**Fig. 8503 - Medium Duty Battery Selector Switch with Alternator Field Disconnect**

**Fig. 8504 - Medium Duty Battery Selector Switch with Alternator Field Disconnect and Key Lock**

When used with non-unitized alternators, these models will interrupt the field current (reducing the possibility of damage) if turned "OFF" with the engine running.



Fig. 8501



Fig. 8503



Fig. 8502



Fig. 8504



Fig. 0462 Spacer For Large Cables

### Ordering & Tech Info

Features	Alternator Field Disconnect	Dealer Pkg.	OEM	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk Pkg.	
		5 Pcs. 1 Pc. per Pkg.	Bulk Pkg. 25 Pcs.				
w/o Key Lock	No	8501DP*	8501	5-1/4	2-5/8	5.0/21.5	
with Key Lock	No	8502DP	8502	5-1/4	2-5/8	5.2/23.1	
w/o Key Lock	Yes	8503DP	8503	5-1/4	2-5/8	5.0/21.5	
with Key Lock	Yes	8504DP	8504	5-1/4	2-5/8	5.4/24.0	
Description		Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Length Inches	Width Inches	Height Inches	Ship Wt. Carton Lbs. DP/OEM Bulk
Spacer		0462DP0RED	0462000RED	13-3/4	1/4	5/8	0.9/2.7

\* 25 Pack Master Carton Available



# BATTERY SWITCHES

# PERKO®

## MEDIUM DUTY BATTERY DISCONNECT SWITCHES



### IGNITION PROTECTED

Protected by the following U.S. Patents; Design 260,637 - 4,280,028 - 4,424,424

For Use With 12, 24 and 32 Volt Marine Electrical Systems  
Capacity - 250 AMPS Continuous, 360 AMPS Intermittent

- Fig. 9601 - Medium Duty Main Battery Disconnect Switch**
- Fig. 9602 - Medium Duty Main Battery Disconnect Switch with Key Lock**
- Fig. 9603 - Medium Duty Main Battery Disconnect Switch with Alternator Field Disconnect**
- Fig. 9604 - Medium Duty Main Battery Disconnect Switch with Alternator Field Disconnect and Key Lock**

When used with non-unitized alternators, these models will interrupt the field current (reducing the possibility of damage) if turned "OFF" with the engine running.



Ordering & Tech Info						
Features	Alternator Field Disconnect	Dealer Pkg. 5 Pcs. 1 Pc. per Pkg.	OEM Bulk Pkg. 25 Pcs.	Diameter Inches	Depth Inches	Ship Wt. Carton Lbs. DP/OEM Bulk Pkg.
w/o Key lock	No	9601DP	9601	5-1/4	2-5/8	4.7/20.4
with Key lock	No	9602DP	9602	5-1/4	2-5/8	5.0/21.5
w/o Key lock	Yes	9603DP	9603	5-1/4	2-5/8	4.7/21.3
with Key lock	Yes	9604DP	9604	5-1/4	2-5/8	5.0/21.3
Description	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Length Inches	Width Inches	Height Inches	Ship Wt. Carton Lbs. DP/OEM Bulk
Spacer	0462DPORED	0462000RED	13-3/4	1/4	5/8	0.9/2.7



**Fig. 0462 Spacer for Large Cables**



**IGNITION PROTECTED**

Protected by the following U.S. Patents; Design 260,637 - 4,280,028 - 4,424,424

**Fig. 8603 - Heavy Duty Battery Selector Switch with Alternator Field Disconnect**

Capacity - Rated 380 AMPS Continuous, 850 AMPS Intermittent (5 Minutes On, 5 Minutes Off)

For Use With 6, 12, 24 and 32 Volt Marine Electrical Systems

5



Fig. 8603

**Ordering & Tech Info**

Dealer Pkg. 2 Pcs. 1 Pc. per Pkg.	Dimension Inches	Depth Inches	Ship Wt. Carton Lbs. Dealer Pkg.	Alternator Field Disconnect
8603DP	5-1/4 sq.	3-3/8	5.0	Yes



**IGNITION PROTECTED**

Protected by the following U.S. Patents; Design 260,637 - 4,280,028 - 4,424,424

**Fig. 9703 - Heavy Duty Battery Disconnect Switch with Alternator Field Disconnect**

Capacity - Rated 450 AMPS Continuous, 1200 AMPS Intermittent (15 Seconds On, 5 Minutes Off)

For Use With 6, 12, 24 and 32 Volt Marine Electrical Systems



Fig. 9703

**Ordering & Tech Info**

Dealer Pkg. 2 Pcs. 1 Pc. per Pkg.	Dimension Inches	Depth Inches	Ship Wt. Carton Lbs. Dealer Pkg.	Alternator Field Disconnect
9703DP	5-1/4 sq.	3-3/8	5.0	Yes





The 8 and 12 Inch Bells Listed on This Page Have Been Reviewed by the U.S. Coast Guard and Comply with C.G. 169 Regulations for Sound Signal Appliances as Required by Annex III Paragraph 2 of the '72 Colregs. The 8 Inch Size is for Use on Vessels Under 20 Meters (65.6 ft.) in Length. The 12 & 14 Inch Sizes is for Use on Vessels of any Length.

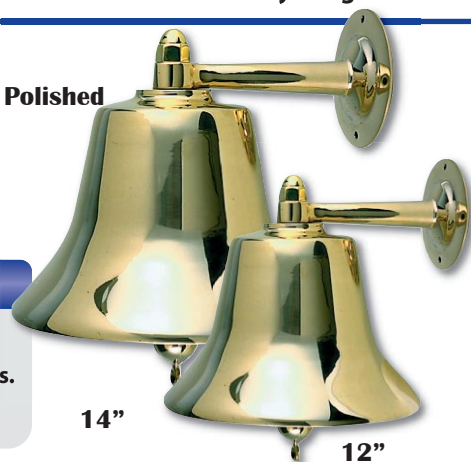
**Fig. 0158 - Fog Bell**

**CONSTRUCTION:**

- Cast Bronze
- Chrome Plated, Plain or Polished
- Heavy Weight
- Fixed Mounting

Now Available  
in 14 Inch

Fig. 0158 Polished



5

**Ordering & Tech Info**

Bottom Diameter Inches	Height Overall Inches	Plain Bronze Std. Pkg. 1 Pc.	Polished Bronze Std. Pkg. 1 Pc.	Chrome Plated Bronze Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs.
12	12	0158012PLB	0158012POL	0158012CHR	37.0
14	14	0158014PLB	0158014POL	0158014CHR	41.5

Screw Size 1/4" R.H.

**Fig. 0179 - Fog Bell**

**CONSTRUCTION:**

- Wrought Brass
- Plain Brass Finish
- Light Weight
- Fixed Mounting

**Ordering & Tech Info**

Bottom Diameter Inches	Height Overall Inches	Standard Pkg. 1 Pc.	Ship Wt. Carton Lbs.
12	8	0179012PLB	7.3



Fig. 0179

**Fig. 0150 - Fog Bell**

**CONSTRUCTION:**

- Cast Bronze
- Chrome Plated, Plain or Polished
- Heavy Weight, Removable

**Ordering & Tech Info**

Bottom Diameter Inches	Height Overall Inches	Plain Bronze Std. Pkg. 1 Pc.	Polished Bronze Std. Pkg. 1 Pc.	Chrome Plated Bronze Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs.
8	8	0150008PLB	0150008POL	0150008CHR	9.5
12	12	0150012PLB	0150012POL	0150012CHR	36.0



Fig. 0150 Chrome

Screw Size 1/4" F.H.

**FOG BELLS SPARE PARTS ORDERING INFORMATION**

For complete Spare Part No. Insert Finish Code:

P or PLB, for Plain Bronze or Brass Finish (i.e. 0420P0699A or 0127000PLB).  
B or POL, for Polished Bronze or Brass Finish (i.e. 0420B0699A or 0127000POL).  
C or CHR, for Chrome Plated Finish (i.e. 0420C0699A or 0127000CHR).

ARMS		WALL PLATES	CLAPPERS	EYE BOLTS	ACORN NUTS
Figure No.	Spare Part No.	Spare Part No.	Spare Part No.	Spare Part No.	Spare Part No.
0150-8"	0171000_---	0127000_---	0144000_---	123000PLB	0465008_---
0150-12"	0150_1299A	0150_1299B	0172000_--*	0172000_--*	0465009_---
0158-12	0158_99A*	0158_0099A*	0172000_--*	0172000_--*	0465009_---
0179	017900099A*	017900099A*	0144000_---	017900099B	0465008_---

\*Includes Wall Bracket

\*Includes Arm

\*Includes Eye Bolt

\*Includes Clapper

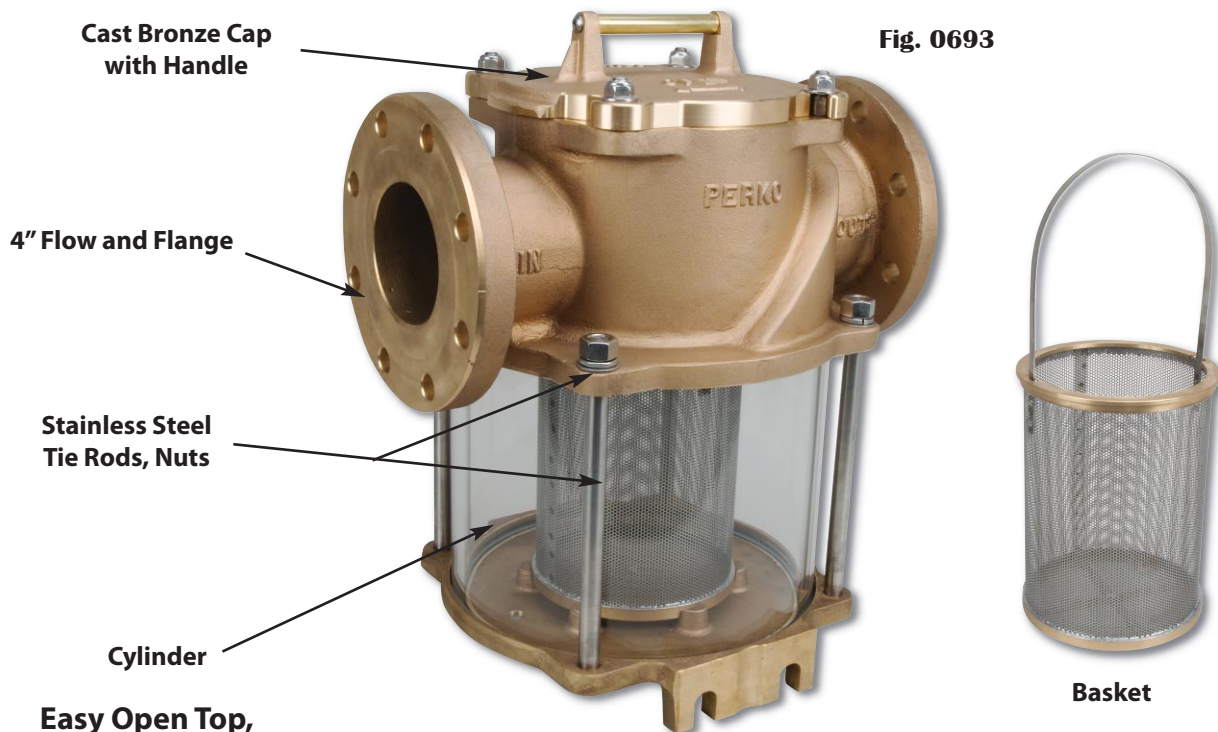


**Fig. 0693 - Intake Water Strainer**

**CONSTRUCTION:**

- Cast Bronze

The new Perko Large Boat Strainer Line is designed for easy installation, cleaning and maintenance. Aircraft style mounting nuts hold fast without lock washers. They are held captive by the body and can't be dropped or lost. Once the mounting nuts are loosened, a convenient handle on the top cover allows it to be easily rotated and removed providing quick access to the strainer basket. Four 316 stainless steel tie rods and strainer basket minimize electrolysis. The diameter of the screen holes is 0.079" providing 47% open area, among the highest in the industry for cylindrical strainer baskets. A drain plug in the bottom casting is provided for easy sediment removal or to drain when winterizing. A transparent cylinder provides a visual check for debris.

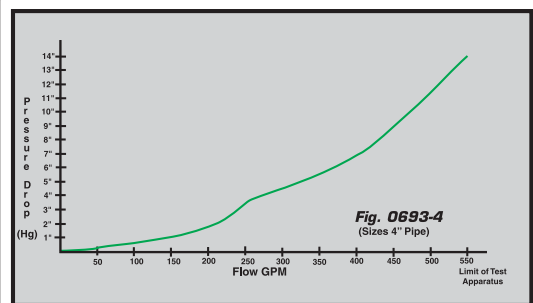
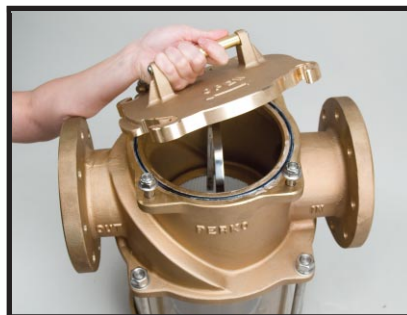


**Fig. 0693**

**Easy Open Top,  
Simply Loosen 4 Captive Nuts**

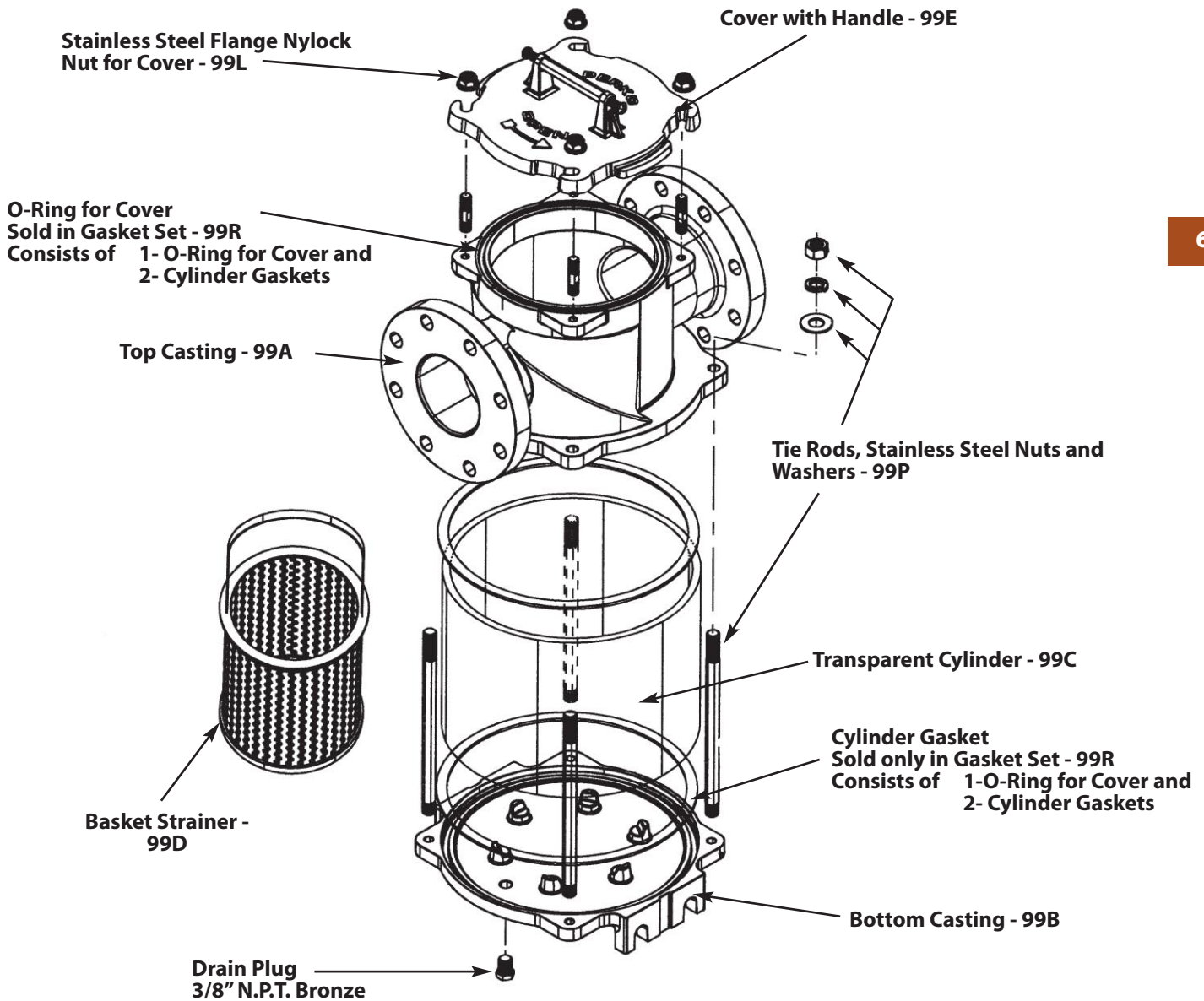
**Twist and Lift**

**Flow Chart**



**Ordering & Tech Info**

Pipe Size Inches	Height Overall Inches	Width Overall Inches	Std. Pkg. 1 Pc.	Dimensions Cylinder Inches	Dimensions Basket Inches	Open Area To Pipe Size Ratio	Ship Wt. Carton Lbs. Std. Pkg.	Spare Gasket Kit* Std. Pkg. 1 Kit
4	17-1/2	16-1/2	0693012PLB	12 O.D. x 8-3/4	6-3/4 x 8-5/8	10:1	135.0	069301299R



### 4" Intake Water Strainer Spare Parts Ordering Information

Description	Spare Part Code	Sample Part Number	Package	Description	Spare Part Code	Sample Part Number	Package
Top Casting	99A	069301299A	Boxed	<b>Gasket Kit</b> Consists of: 1- Rubber O-Ring for Cover and 2- Rubber Cylinder Gaskets	99R*	069301299R	Bag
Bottom Casting	99B	069301299B	Boxed				
Transparent Cylinder	99C	069301299C	Boxed				
Basket Strainer	99D	069301299D	Boxed				
Cover with Handle	99E	069301299E	Boxed	<b>Tie Rods, Nuts and Washers</b> Consists of (1 Each for 0693 Series)	99P	069301299P	Bag
Stainless Steel Flange Nylock Nut for Cover	99L	069301299L	Bag				



PERKO water strainers are designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, four outside tie rods and a 316 stainless steel strainer basket to minimize electrolysis. The diameter of the screen holes is 0.079" providing 47% open area, among the highest in the industry for cylindrical strainer baskets. Hinged lugs for the cast bronze cover permit easy removal and cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing. For applications requiring higher capacity, use Fig. 0500.

### Figs. 0493 & 0500 Intake Water Strainers

#### CONSTRUCTION:

- Cast Bronze
- Stainless Steel Basket
- Clear Polymer Cylinder



Fig. 0493



Fig. 0500

#### Ordering & Tech Info

Pipe Size Inches	Height Overall Inches	Width Overall Inches	Standard Pkg. - 1 Pc.	Dimensions Cylinder Inches O.D. x Height	Dimensions Basket Inches O.D. x Height	Open Area To Pipe Size Ratio	Ship Wt. Carton Lbs. Standard Pkg.	Spare Gasket Kit* Dealer Pkg. - 5 Kts. 1 Kit. per Bag
1/2	5-3/4	4-1/2	0493004PLB	3-1/2 x 4	1-13/16 x 4-1/16	30:1	4.9	0493DP599M (or) 99R
3/4	8-3/8	4-1/2	0493005PLB	3-1/2 x 6	1-13/16 x 6-1/4	25:1	5.0	0493DP599M (or) 99R
1	9-1/2	5-1/2	0493006PLB	4-1/2 x 5-1/2	2-5/8 x 5-7/8	20:1	8.1	0493DP799M (or) 99R
1-1/4	10	5-1/2	0493007PLB	4-1/2 x 6	2-5/8 x 6-1/4	13:1	7.9	0493DP799M (or) 99R
1-1/2	11-1/2	7-1/4	0493008PLB	6 x 8	3-5/16 x 8-7/16	17:1	13.7	0493DP999M (or) 99R
2	16	7-1/2	0493009PLB	6 x 12	3-5/16 x 12-1/4	13:1	19.5	0493DP999M (or) 99R
2-1/2	16	7-1/2	0493010PLB	6 x 12	3-5/16 x 12-1/2	10:1	18.0	0493DP999M (or) 99R

#### Ordering & Tech Info

Pipe Size Inches	Height Overall Inches	Width Overall Inches	Standard Pkg. - 1 Pc.	Dimensions Cylinder Inches O.D. x Height	Dimensions Basket Inches O.D. x Height	Open Area To Pipe Size Ratio	Ship Wt. Carton Lbs. Standard Pkg.	Spare Gasket Kit* Standard Pkg. - 1 Kit
2	14-1/2	9	0500009PLB	8 x 10	3-7/8 x 10-1/4	20:1	36.0	0500DP999M (or) 99R
2-1/2	16-1/2	9	0500010PLB	8 x 12	3-7/8 x 12-1/4	18:1	33.5	0500DP999M (or) 99R
3	18-1/2	9	0500011PLB	8 x 14	3-7/8 x 14-1/4	14:1	34.0	0500DP999M (or) 99R

\*Spare Gasket Kit Consists of: 1 Cover Gasket and 2 Cylinder Gaskets

#### INTAKE WATER STRAINER & FLUSHING STRAINER SPARE PARTS ORDERING INFORMATION

For Spare Part No. Insert a Spare Part Code Listed Below in Place of the "PLB" in the Strainer's Catalog Number (i.e., 049300699A, Top Casting for 1" (#6) Strainer).

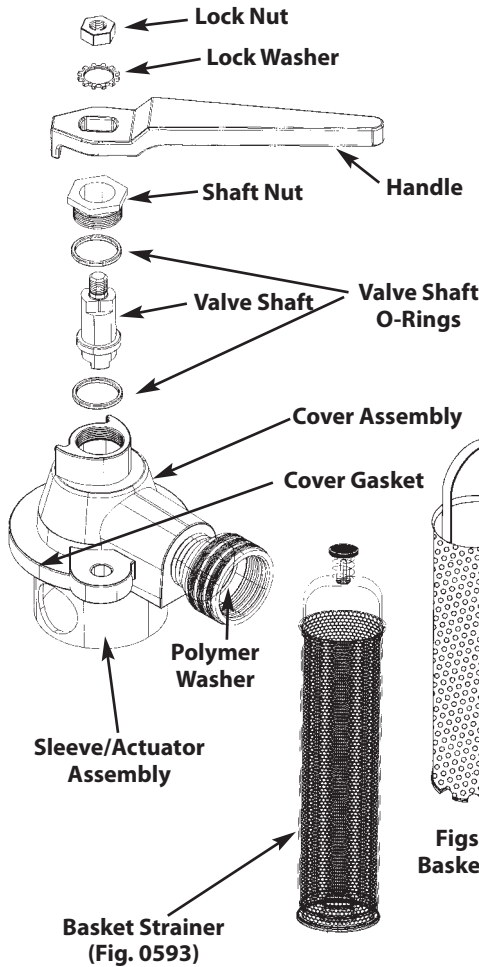
Description	Spare Part Code	Sample Part Number	Package	Description	Spare Part Code	Sample Part Number	Package
Top Casting	99A	049300499A	Boxed	<b>Cork Gasket Kit</b> Consists of: 1- Cover Gasket and 2- Cork Cylinder Gaskets <b>Rubber Gasket Kit</b> Consists of: 1- Cover Gasket and 2- Rubber Cylinder Gaskets <b>Tie Rods, Nuts and Washers</b> Consists of (4 Each for 0493 Series) (1 Each for 0500 Series)	99M*	0493DP599M	Bag
Bottom Casting	99B	049300499B	Boxed				
Transparent Cylinder	99C	049300499C	Boxed				
Basket Strainer	99D	049300499D	Boxed				
Cover with Gasket	99E	049300499E	Boxed				
Hinged Bolt for Cover							
With Pin, Nut and Washer	99L	0493DP599L	Bag				
Cork Cover Gasket Kit (Set of 2)	99N	0493DP599N	Bag				

\* Note: Older model strainers utilizing cork cylinder gaskets must order 99M Cork Gasket Kit and newer model strainers must order 99R Rubber Gasket Kit.

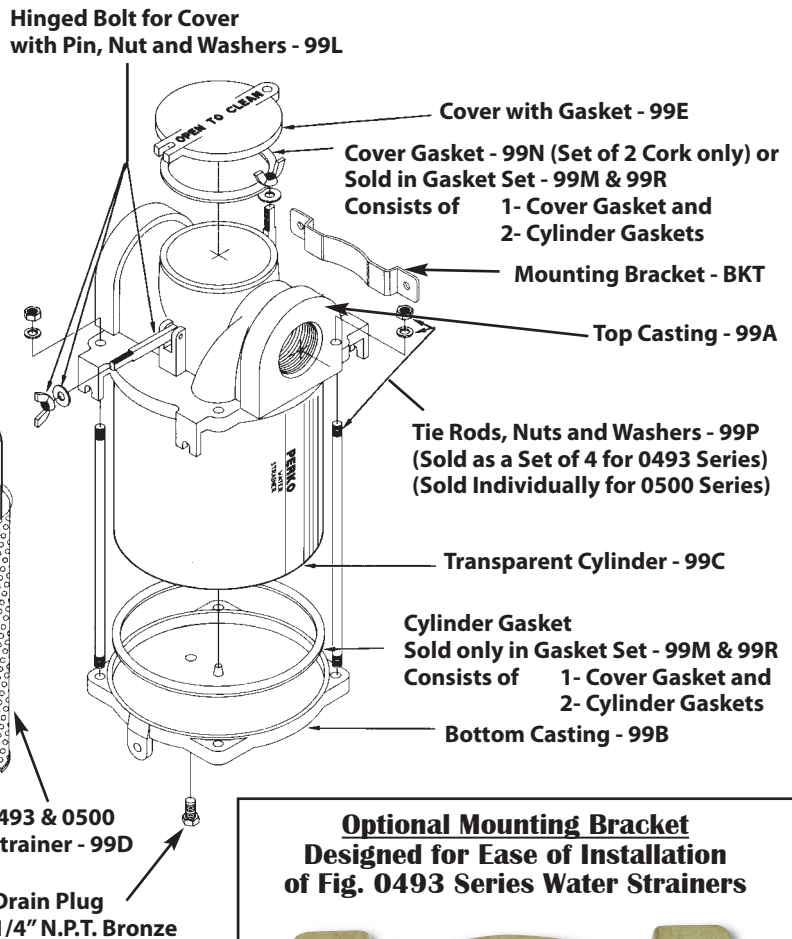


**Figs. 0493 & 0500 - Intake Water Strainers and Fig. 0593 Flushing Strainer Spare Parts Ordering Information**

**Fig. 0593 Flushing Strainer**



**Figs. 0493 & 0500 Intake Strainer**



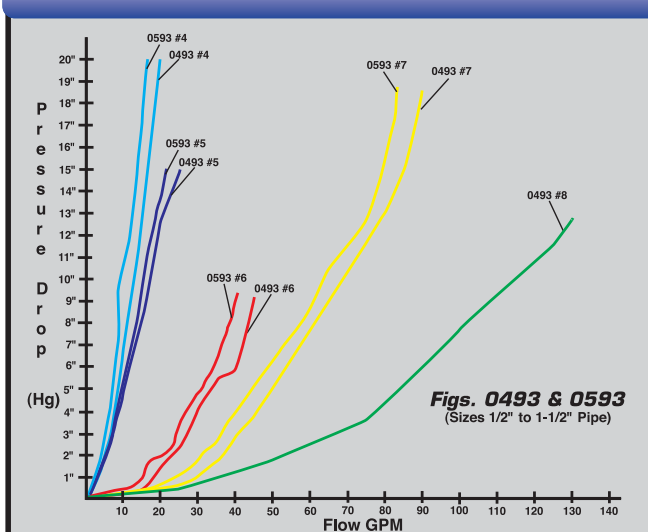
**Optional Mounting Bracket Designed for Ease of Installation of Fig. 0493 Series Water Strainers**



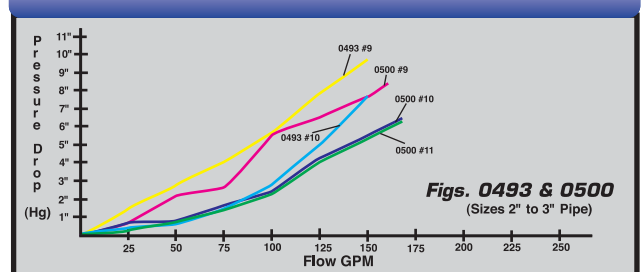
Fig. 0493067BKT Shown

Part Number	Fits Strainer Size
0493045BKT	4 & 5
0493067BKT	6 & 7
0493089BKT	8 & 9

**FIGS. 0493 & 0593 - DIFFERENTIAL PRESSURE GRAPHS**



**FIGS. 0493 & 0500 - DIFFERENTIAL PRESSURE GRAPHS**





### Figs. 0594 - Duplex Intake Water Strainer

Duplex strainers permit continuous engine operation by permitting strainer clean-out while the engine is running. Properly sized, a single side of the strainer will allow adequate flow for cooling. Using an integral valve, either side can be closed and cleaned without affecting coolant flow to the engine through the other side.

**CONSTRUCTION:**

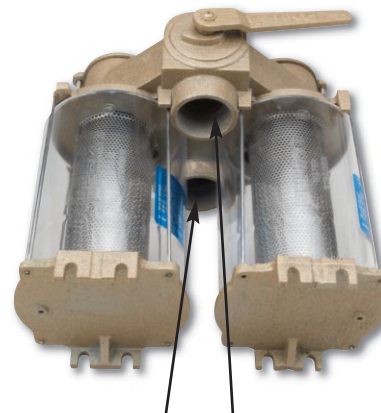
- Cast Bronze
- 4-Position Control Valve (All Off/Side 1 On/Side 2 On/Both On)
- Many Replacement Parts in Common with Other Perko Strainers (Fig. 0493)

6



Fig. 0594

PERKO duplex water strainers are designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, 8 outside tie rods and two 316 stainless steel strainer basket to minimize electrolysis. The diameter of the screen holes is 0.079" providing 47% open area, among the highest in the industry for cylindrical strainer baskets. Lugs for the cast bronze covers permit easy removal and cleaning of the strainer baskets. Drain plugs in the bottom castings are provided for easily removing sediment and draining for winterizing.



Pipe Connections

### Ordering & Tech Info

Pipe Size Inches	Standard Pkg. - 1 Pc.	Height Overall Inches	Width Overall Inches	Depth Overall Inches	Dimensions Cylinder Inches O.D. x L	Open Area Dimensions Basket Inches	Each Side Open Area Ratio	Ship Wt. Carton Lbs. Std. Pkg.	Spare Gasket Kit* Dealer Pkg. - 5 Kts. 1 Kit. per Bag
1-1/2	0594008PLB	12	16	8-1/2	6 x 8	3-5/16 8-7/16	17:1	61	0594DP899R
2	0594009PLB	16	16	8-1/2	6 x 12	3-5/16 x 12-1/4	13:1	63	0594DP899R
2-1/2	0594010PLB	16	16	8-1/2	6 x 12	3-5/16 x 12-1/4	10:1	63	0594DP899R

### DUPLEX INTAKE WATER STRAINER SPARE PARTS ORDERING INFORMATION

For Spare Part No. Insert a Spare Part Code Listed Below in Place of the "PLB" in the Strainer's Catalog Number (i.e., 059400699A, Top Casting for 1-1/2" (#8) Strainer).

Description	Spare Part Code	Sample Part Number	Package	Spare Part Description	Code	Sample Part Number	Package
Top Casting	.99A	059400899A	Boxed	Wing Nuts & Bolts for Cover	.99L	0493DP999L	Bag
Transparent Cylinder	.99C	049300899C	Boxed	Rubber Gasket Kit Consists of:			
Basket Strainer Size 8	.99D	059400899D	Boxed	2 Cover Gaskets & 4 Body Gaskets	.99R*	0594DP999R	Bag
Basket Strainer Sizes 9 & 10	.99D	049300999D	Boxed	Tie Rods			
Cover with Gasket	.99E	0049300899E	Boxed	Consists of (4 Each for)	.99P	0493DP999P	Bag



LIGHTWEIGHT INTAKE WATER STRAINER WITH CLEAR BODY

Fig. 0443 - Lightweight Intake Water Strainer

**CONSTRUCTION:**

- Cast Bronze with Clear Polymer Body
- Our Lightest Weight Strainer
- Many Replacement Parts in Common with Other Perko Strainers (Fig. 0493)

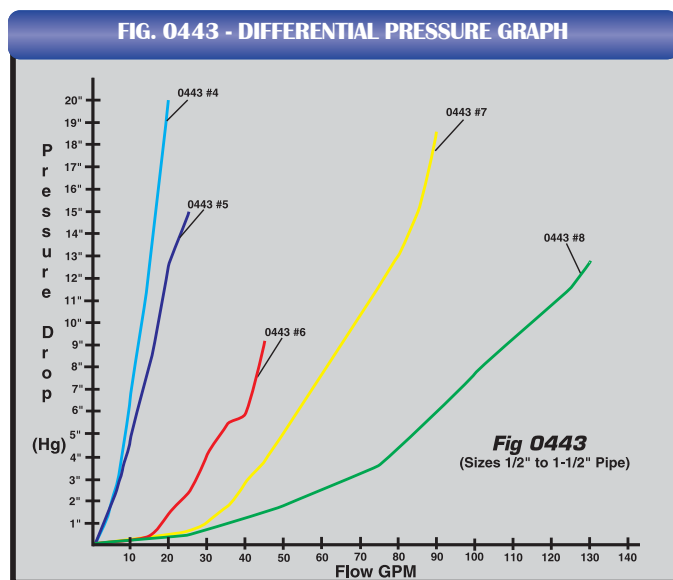


PERKO water strainers are designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, four outside tie rods and a 316 stainless steel strainer basket to minimize electrolysis. The diameter of the screen holes is 0.079" providing 47% open area, among the highest in the industry for cylindrical strainer baskets. Hinged lugs for the cast bronze cover permit easy removal and cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing.

6



Fig. 0443



Ordering & Tech Info

Pipe Size Inches	Standard Pkg. - 1 Pc.	Height Overall Inches	Width Overall Inches	Dimensions Cylinder Inches O.D. x L	Dimensions Basket Inches	Open Area To Pipe Size Ratio	Ship Wt. Carton Lbs. Std. Pkg.	Spare Gasket Kit* Dealer Pkg. - 5 Kts. 1 Kit. per Bag
1/2	0443004PLB	6-1/4	4-1/2	3-1/2 x 4-1/4	1-13/16 x 4-1/16	30:1	3.9	0443DP599R
3/4	0443005PLB	8-5/8	4-1/2	3-1/2 x 6-5/8	1-13/16 x 6-1/4	25:1	4.0	0443DP599R
1	0443006PLB	8-3/4	5-1/2	4-1/2 x 6	2-5/8 x 5-7/8	20:1	6.7	0443DP799R
1-1/4	0443007PLB	9-5/16	5-1/2	4-1/2 x 6-9/16	2-5/8 x 6-1/4	13:1	6.5	0443DP799R
1-1/2	0443008PLB	11-3/4	7-1/4	6 x 8-5/8	3-5/16 x 8-7/16	17:1	11.1	0443DP999R

CLEAR BODY INTAKE WATER STRAINER SPARE PARTS ORDERING INFORMATION

For Spare Part No. Insert a Spare Part Code Listed Below in Place of the "PLB" in the Strainer's Catalog Number (i.e., 049300699A, Top Casting for 1" (#6) Strainer).

Description	Spare Part Code	Sample Part Number	Package	Description	Spare Part Code	Sample Part Number	Package
Top Casting	99A	049300499A	Boxed	Hinged Bolt for Cover With Pin, Nut and Washer Nuts and Washers Consists of: 4 Each for 0443 Series	99F	0443DP499F	Bag
Transparent Cylinder Body	99C	044300499C	Boxed				
Basket Strainer	99D	049300499D	Boxed				
Cover with Gasket	99E	049300499E	Boxed				



PERKO Flushing strainers are designed for easy installation and cleaning. Features include mounting lugs cast into both sides to assure universal mounting, four outside tie rods and a 316 stainless steel strainer basket to minimize electrolysis. The diameter of the screen holes is 0.079" providing 47% open area, among the highest in the industry for cylindrical strainer baskets. Hinged lugs for the cast bronze cover permit easy removal and cleaning of the strainer basket. A drain plug in the bottom casting is provided for easily removing sediment and draining for winterizing.

### Fig. 0593 - Flushing Strainer Fresh Water Flushes your Inboard or Generator Simply and Easily

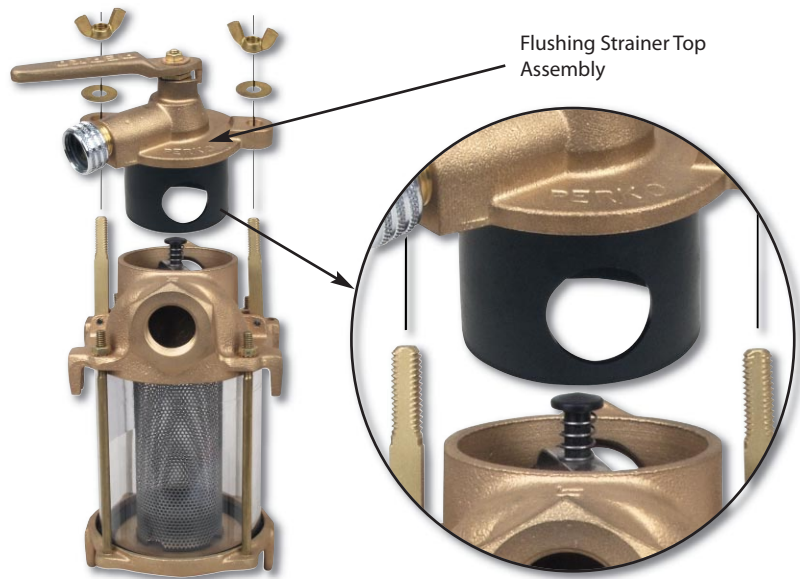
**CONSTRUCTION:**

- Cast Bronze
- Available in 1/2", 3/4", 1", or 1-1/4" Pipe Sizes
- Uses Standard Perko Strainer Replacement Parts (Gaskets, Cylinders, Nuts and Tie Rods)
- Handle Indicates Flow Direction
- Top Casting Removes Easily for Basket Cleaning
- Reversible Bulkhead Mounting Option
- Smooth Acting, Low Torque Ball Valve
- Internal Cam Seals Fresh Water Intake During Normal (Through Strainer) Operation
- **Can Act as an Emergency Bilge Pump**

6



Fig. 0593



Flushing Strainer Top Assembly

#### Ordering & Tech Info

Pipe Size Inches	Height Overall Inches	Width Overall Inches	Standard Pkg. - 1 Pc.	Dimensions Cylinder Inches	Dimensions Basket Inches	Open Area To Pipe Size Ratio	Weight Pounds	Spare Gasket Kit* Dealer Pkg. - 5 Kts. 1 Kit per Bag
1/2	5-3/4	4-1/2	0593004PLB	3-1/2 x 4	1-13/16 x 4-1/16	30:1	5.9	0493DP599R
3/4	8-3/8	4-1/2	0593005PLB	3-1/2 x 6	1-13/16 x 6-1/4	25:1	6.2	0493DP599R
1	9-1/2	5-1/2	0593006PLB	4-1/2 x 5-1/2	2-5/8 x 5-7/8	20:1	9.1	0493DP799R
1-1/4	10	5-1/2	0593007PLB	4-1/2 x 6	2-5/8 x 6-1/4	13:1	9.1	0493DP799R

#### Flushing Strainer Spare Parts Ordering Information

Description	Spare Part Code	Sample Part Number	Package	Description	Spare Part Code	Sample Part Number	Package
Handle (Fig. 0805)	99D	080500599D**	Boxed	Sleeve Assy.	99B	059300499B	Boxed
Valve Shaft	99A	059300499A	Boxed	Cover Assy.	99C	059300499C	Boxed

See Pages C-74 & 75 For Additional Spare Parts Ordering Information and Differential Pressure Graphs.

\*Spare Gasket Kit Consists of: 1 Cover Gasket and 2 Cylinder Gaskets.

\*\* For Complete Handle Part Numbers See Fig. 0805 on page C-82.





**Fig. 0456 - FlushPro™ Marine Engine Flushing & Winterizing Valve**  
**Fig. 0457 - FlushPro™ Marine Engine Flushing & Winterizing Kit**

**CONSTRUCTION:**

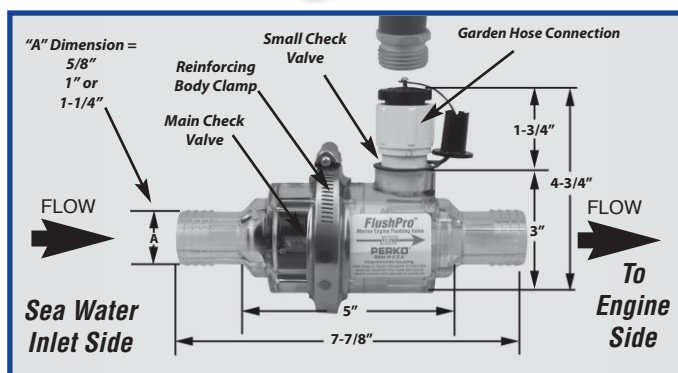
- Clear Polymer
- Stainless Steel Spring
- Available for Standard 5/8", 1" or 1-1/4" Hose Sizes

**Finally!**  
**Freshwater Flushing of**  
**Your Inboard is as Simple as**  
**Connecting a Garden Hose**

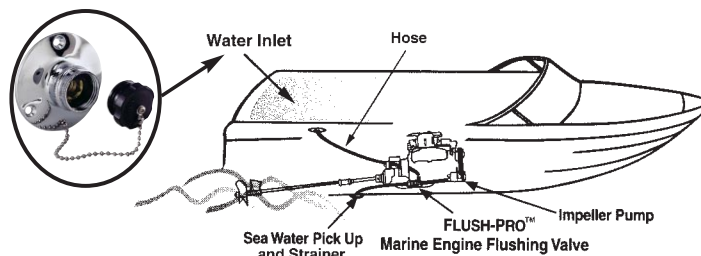
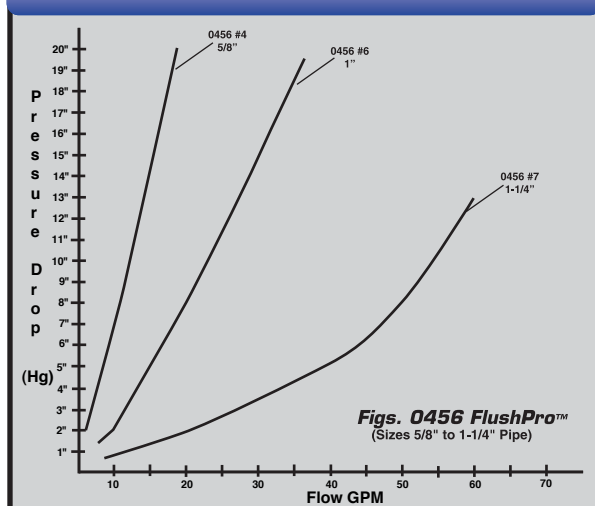
- Flush your boat engine safely and easily
- Transparent body allows for visual inspection of water flow
- Durable check valve system activated by water pressure from a garden hose
- Check valve automatically shuts off hull intake when water pressure is applied
- Adapter supplied with FlushPro™ makes winterizing your boat easy
- Can be used with onboard generators



**Fig. 0456**



**FIG. 0456 - DIFFERENTIAL PRESSURE GRAPH**



**Hose Fittings and Clamps**

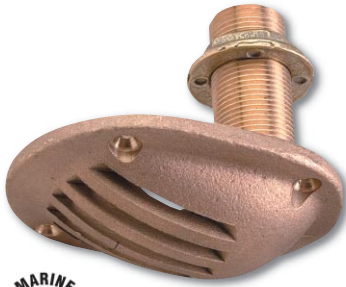


**Fig. 0457 Kit Includes:**  
**FlushPro™ Valve with Hose Clamps**



**Ordering & Tech Info**

	"A" Dimension For Hose Size Inches	Dealer Pkg. 1 Pc.	OEM Bulk Pkg. 5 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk Pkg.
Includes Valve	5/8	0456DP4	0456004	1.3/3.5
Valve	1	0456DP6	0456006	1.4/3.6
Valve	1-1/4	0456DP7	0456007	1.5/3.7
Valve & Kit	5/8	0457DP4	0457004	2.9/11.5
Valve & Kit	1	0457DP6	0457006	3.0/11.6
Valve & Kit	1-1/4	0457DP7	0457007	3.1/11.7



**Fig. 0065**

**Fig. 0065 - Intake Strainer**

**CONSTRUCTION:**

- Cast Bronze
- Machined Slots

**Ordering & Tech Info**

Max. Pipe Size Inches	Max. Hull Thickness Inches	Dimensions Strainer Inches	Dealer Pkg. 5 Pcs.	OEM Bulk Pkg. 10 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk
1/2	2-1/4	3 x 4	0065DP4PLB	0065004PLB	3.8/7.3
3/4	2-3/16	3 x 4	0065DP5PLB	0065005PLB	5.8/11.3
1	2-1/2	3 x 4	0065DP6PLB	0065006PLB	7.7/15.0
1-1/4	3	3-1/4 x 4-1/4	0065DP7PLB	0065007PLB	9.8/18.4

Screw Size #8.



**Fig. 0066**

**Fig. 0066 - Scoop Strainer**

**CONSTRUCTION:**

- Cast Bronze
- Machined Slots

**Ordering & Tech Info**

For Thru-Hull Sizes Inches	Dimensions Strainer Inches	Dealer Pkg. 5 Pcs.	Standard Package - 5 Pcs.	Ship Wt. Carton Lbs. DP/Std. Pkg.
3/8 & 1/2	3-1/2 x 2-1/2	0066DP1PLB	0066001PLB	2.7/2.6
3/4 & 1	5 x 3-1/4	0066DP2PLB	0066002PLB	4.4/4.3
1-1/4 & 1-1/2	6-1/4 x 4-1/4	0066DP3PLB	0066003PLB	7.4/7.5
2	8 x 5-1/8	0066DP4PLB	0066004PLB	9.7/9.8

Screw Size #8

**Fig. 0086 - Round Strainer**

**CONSTRUCTION:**

- Cast Bronze
- Drilled Holes



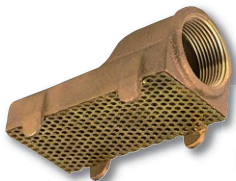
**Fig. 0086**

**Ordering & Tech Info**

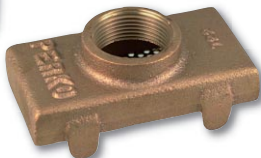
For Thru-Hull Size Inches	O.D. Inches	I.D. Inches	Dealer Pkg. 5 Pcs.	Standard Package - 5 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/Std. Pkg.
3/8 & 1/2	2-1/2	1-5/8	0086DP1PLB	0086001PLB	8	1.2/1.2
3/4	3	2	0086DP2PLB	0086002PLB**	8	1.9/8.8
1	3-1/2	2-3/8	0086DP3PLB	0086003PLB	8	1.7/1.7
1-1/4 & 1-1/2	4	3	0086DP4PLB	0086004PLB	8	2.9/2.8
2	5	3-3/4	0086DP5PLB	0086005PLB	8	4.5/4.3
2-1/2	6	4-1/2	-----	0086006PLB*	10	---/1.3
3	8	6-1/4	-----	0086007PLB*	10	---/2.7

\* Standard Package - 1 pc.

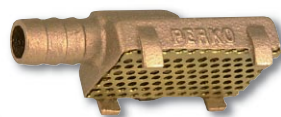
\*\* Standard Package - 25 pcs.



**Fig. 0721**



**Fig. 0722**



**Fig. 0709**

**Fig. 0709 - Pump Strainer for Hose**

**Figs. 0721 & 0722 - Pump Strainers for Pipe**

**CONSTRUCTION:**

- Cast Bronze

**Ordering & Tech Info**

Hose Size Inches	Pipe Size Inches	Length Overall Inches	Width Overall Inches	Dealer Pkg. 5 Pcs.	Standard Pkg. 1 Pc.	Ship Wt. Carton Lbs.
5/8	-----	3-5/8	1-3/4	0709DP0PLB	-----	2.9
	1-1/4	4-3/4	2-3/4	-----	0721000PLB	1.7
	1-1/4	4-1/2	2-3/4	-----	0722000PLB	1.5

**SPARE PARTS ORDERING INFORMATION**  
 Screen for: Fig 0709: 070900088A  
 Fig 0721: 072100088A  
 Fig 0722: 072200088A



### Fig. 0266 - Garboard Drain Plug

**CONSTRUCTION:**

- Cast Bronze

Ordering & Tech Info						
Pipe Size Inches	Length Threaded Neck Inches	O.D. Flange Inches	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
3/4	5/8	2-3/8	0266DP0PLB	0266000PLB	8	4.0/17.7

Spare Plug: 0370DP0PLB.



Fig. 0266



### Fig. 0363 - Garboard Drain Plug

**CONSTRUCTION:**

- Cast Bronze

Ordering & Tech Info						
Pipe Size Inches	Maximum Hull Thickness Inches	Length Threaded Neck Inches	O.D. Flange Inches	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk
3/4	3/4	1-1/4	2-3/8	0363DP0PLB	0363000PLB	5.2/23.2

Spare Plug: 0370DP0PLB., Nut for Fig. 0363: 0075006DPP



Fig. 0363



### Figs. 0714 & 0737 - Garboard Drain Plugs

**CONSTRUCTION:**

- Cast Bronze Flange with Brass Plug

**Fig. 0737**

Complete with Brass Backing Plate and Fasteners

Ordering & Tech Info					
Pipe Size Inches	O.D. Flange Inches	Dealer Pkg. 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 50 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
1/2	2	0714DP1PLB	0714001PLB	8	1.6/12.9
Pipe Size Inches	Hull Thickness Inches	O.D. Flange Inches	Dealer Pkg. 5 Cards 1 Pc. per Card	Screw Size	Ship Wt. Carton Lbs. Dealer Pack
1/2	7/16	2	0737DP1PLB	8-32	1.9

Spare Plug: 0742DP1



Fig. 0714



Fig. 0737



## Figs. 0834 & 0835 - Seacocks - Ball Valve Design



Fig. 0834



Fig. 0835

**CONSTRUCTION:**

- Cast Bronze
- Fig. 0834 - With 90° Curved Hose Adapter**
- Fig. 0835 - With Straight Hose Adapter**

Includes Thru-Hull, Hose Adapter, Drain Plug, Four Pre-Drilled Mounting Holes and Bonding Screw.

PERKO Seacocks Incorporate a Polymer Ball and Seat Assuring a Tight Seal and Ease of Operation, and Drain Plugs for Winterizing. Handles are Easily Removed.

6



### Ordering & Tech Info

Hose Size Inches	Pipe Size Inches	Flange Dia. Inches	Fig. 0834 Overall Height*	Fig. 0834 Standard Pkg. - 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.	Fig. 0835 Overall Height*	Fig. 0835 Standard Pkg. - 1 Pc.	Bolt Size	Ship Wt. Carton Lbs. Standard Pkg.
3/4	3/4	3-1/4	5-7/8	0834005PLB	3.1	5	0835005PLB	5/16	2.9
1	1	4-3/8	6-3/8	0834006PLB	5.2	5-3/8	0835006PLB	3/8	4.8
1-1/4	1-1/4	4-7/8	7-5/8	0834007PLB	7.2	6-1/4	0835007PLB	3/8	6.7
1-1/2	1-1/2	5-1/2	8-3/8	0834008PLB	9.1	6-5/8	0835008PLB	3/8	8.7
2	2	5-3/4	10-3/8	0834009PLB	15.6	7-7/8	0835009PLB	3/8	14.3
2-1/2	2-1/2	7-1/4	12-1/2	0834010PLB	27.9	10-3/8	0835010PLB	1/2	25.0
3	3	8	14-3/8	0834011PLB	33.4	12	0835011PLB	1/2	30.0

\* Overall Height is measured from the top of the hose adapter to the bottom of the flange.

## Fig. 0805 - Seacock Body - Ball Valve Design

**CONSTRUCTION:**

- Cast Bronze
- These Valve Bodies are Offered to Meet the Needs of Applications that Require Extra Long, Scoop or Flush Type Thru-Hulls.



Fig. 0805

### Ordering & Tech Info

Flange Diameter Inches	Overall Height Inches*	Pipe Size Inches	Fig. 0805 Standard Pkg. - 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.
3-1/4	3-3/8	3/4	0805005PLB	2.3
4-3/8	3-3/4	1	0805006PLB	3.9
4-7/8	4-1/4	1-1/4	0805007PLB	5.3
5-1/2	4-1/2	1-1/2	0805008PLB	6.7
5-3/4	5-3/4	2	0805009PLB	11.5
7-1/4	7-1/2	2-1/2	0805010PLB	20.0
8	7-3/4	3	0805011PLB	23.3

\* Overall Height is measured from the top of the valve body to the bottom of the flange.



### SPARE PARTS ORDERING INFORMATION

The Repair Kits Listed Below Consist of: 1 Ball, 2 Ball Seats and 2 O-Rings for the Valve Stem.

Pipe Size Inches	Repair Kit Part No.	Pipe Size Inches	Repair Kit Part No.	Handle Size	Part No.
3/4	080500599B	2-1/2	080501099B	Size 7	080500799D
1	080500699B	3	080501199B	Size 8	080500899D
1-1/4	080500799B	<b>Handle</b>	<b>Part No.</b>	Size 9	080500999D
1-1/2	080500899B	Size 5	080500599D	Size 10	080501099D
2	080500999B	Size 6	080500699D	Size 11	080501199D



### Fig. 0825 - Inline Valve

**CONSTRUCTION:**

- Cast Bronze
- Drain Plug and Bonding Screw Included
- Ball Valve for Smooth Operation

Ordering & Tech Info		
Pipe Size Inches	Standard Package - 1 Pc.	Ship Wt. Carton Lbs. Std Pkg.
1/2	0825004PLB	1.0
3/4	0825005PLB	1.2
1	0825006PLB	1.8
1-1/4	0825007PLB	2.8
1-1/2	0825008PLB	4.1



Fig. 0825

### Fig. 0063 - Pipe to Hose Adapter

**CONSTRUCTION:**

- Cast Bronze
- Cast Hex for Easier Installation
- Curved 90 Degrees

Ordering & Tech Info							
Pipe Size Inches	Hose Size Inches	Length Overall Inches	Dealer Pkg. 5 Pcs.	Standard Package 1 Pc.	OEM Bulk Pkg.	OEM Bulk Pkg. Pcs.	Ship Wt. Carton Lbs. DP/Std./OEM Bulk
3/4	3/4	4-1/2	0063DP5PLB	-----	0063005PLB	25	2.1/--/9.1
1	1	4-3/4	0063DP6PLB	-----	0063006PLB	25	3.7/--/16.9
1-1/4	1-1/4	5-1/2	0063DP7PLB	-----	0063007PLB	25	5.5/--/25.3
1-1/2	1-1/2	6	0063DP8PLB	-----	0063008PLB	10	7.5/--/13.5
2	2	7	-----	0063009PLB	0063009PLB	10	--/2.9/27.1
2-1/2	2-1/2	8-1/2	-----	0063010PLB	-----	---	--/3.9/--
3	3	10	-----	0063011PLB	-----	---	--/6.9/--



Fig. 0063



NOTE: The Above Item Meets the Requirements of U.S.C.G. Safety Standards, January 31, 1977 for Gasoline Fuel Systems, 33 CFR 183.

### Fig. 0076 - Pipe to Hose Adapter

**CONSTRUCTION:**

- Cast Bronze
- Cast Hex for Easier Installation
- Precision Machined Hose Barb

Ordering & Tech Info							
Pipe Size Inches	Hose Size Inches	Length Overall Inches	Dealer Pkg. 5 Pcs.	Standard Pkg. - 1 Pc.	OEM Bulk Pkg. 25 Pcs.	Ship Wt. Carton Lbs. DP/Std./OEM Bulk	
1/2	5/8	1-5/8	0076DP4PLB	-----	0076004PLB	0.9/--/3.5	
3/4	3/4	1-3/4	0076DP5PLB	-----	0076005PLB	1.1/--/4.7	
1	1	1-3/4	0076DP6PLB	-----	0076006PLB	1.9/--/7.9	
1-1/4	1-1/4	2	0076DP7PLB	-----	0076007PLB	2.6/--/11.9	
1-1/2	1-1/2	2-1/4	0076DP8PLB	-----	0076008PLB	3.9/--/18.6	
2	2	2-5/8	-----	0076009PLB	0076009PLB	--/1.3/26.7	
2-1/2	2-1/2	4	-----	0076010PLB	-----	--/2.0/--	
3	3	5-1/8	-----	0076011PLB	-----	--/3.2/--	



Fig. 0076



NOTE: The Above Item Meets the Requirements of U.S.C.G. Safety Standards, January 31, 1977 for Gasoline Fuel Systems, 33 CFR 183.



### Fig. 0350 - Thru-Hull Connection For Use with Hose\*\*

**CONSTRUCTION:**

- Cast Bronze

**Flange is Machined to Fit Hull and Grooved to Retain Bedding Compound  
Neck is Threaded to Approximately 3/16 Inch From Flange.**

Fits Maximum Hull Thickness up to 2 Inches.

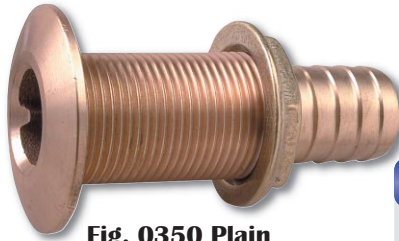


Fig. 0350 Plain



Illustration Of Bedding Groove



Ordering & Tech Info						
Hose Size Inches	Mounting Hole Dia. Inches	Max. Hull Thickness Inches	O.D. Flange Inches	Dealer Pkg. 5 Pcs.	OEM Bulk Pkg. 10 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk
5/8	13/16	1-1/16	1-1/2	0350004DPP	0350004PLB	1.9/3.3
3/4	1	1-5/8	1-7/8	0350005DPP	0350005PLB	2.9/5.5
1	1-5/16	1-3/4	2-1/4	0350006DPP	0350006PLB	4.7/8.6
1-1/8	1-5/16	1-3/4	2-1/4	035006ADPP	035006APLB	4.9/9.0
1-1/4	1-5/8	1-7/8	2-3/4	0350007DPP	0350007PLB	6.6/12.6
1-1/2	1-7/8	1-7/8	3-1/8	0350008DPP	0350008PLB	8.3/15.9
2	2-3/8	2	3-3/4	-----	0350009PLB*	--/2.5

\*OEM Bulk Pkg. 1 Pc.

\*\*NOTE: Thru-Hull Connections For Use With Hose Are Not Recommended For Use Below The Waterline Per A.B.Y.C. "Safety Standards For Small Craft" Section H-27.

### Fig. 0348 - Extra Long Thru-Hull Connection For Use with Pipe

**CONSTRUCTION:**

- Cast Bronze

**Flange is Machined to Fit Hull and Grooved to Retain Bedding Compound. Neck is Threaded to Approximately 3/8 Inch From Flange.**

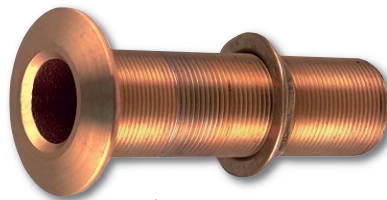


Fig. 0348



Illustration Of Bedding Groove



Ordering & Tech Info							
Pipe Size Inches	Mounting Hole Dia. Inches	Max. Hull Thickness Inches	O.D. Flange Inches	Dealer Pkg. 5 Pcs.	OEM Bulk Package	OEM Bulk Pkg. Qty.	Ship Wt. Carton Lbs. DP/OEM Bulk
3/4	1	5	1-7/8	0348DP5PLB	0348005PLB	25	4.3/19.3
1	1-5/16	4-7/8	2-1/4	0348DP6PLB	0348006PLB	10	5.7/10.9
1-1/4	1-5/8	4-5/8	2-3/4	0348DP7PLB	0348007PLB	10	9.1/17.5
1-1/2	1-7/8	4-5/8	3	0348DP8PLB	0348008PLB	10	10.4/20.1
2	2-3/8	4-1/2	3-5/8	-----	0348009PLB	1	--/2.8
2-1/2	2-7/8	4-1/4	4-5/16	-----	0348010PLB	1	--/3.6

### Fig. 0322 - Thru-Hull Connection For Use with Pipe

**CONSTRUCTION:**

- Cast Bronze

**Flange is Machined to Fit Hull and Grooved to Retain Bedding Compound. Neck is Threaded to Approximately 3/8 Inch From Flange.**

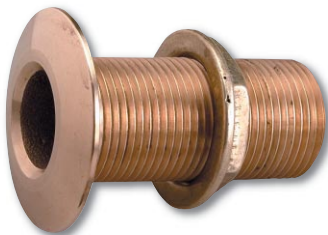


Fig. 0322



Illustration Of Bedding Groove



Ordering & Tech Info							
Pipe Size Inches	Mounting Hole Dia. Inches	Max. Hull Thickness Inches	O.D. Flange Inches	Dealer Pkg. 5 Pcs.	Standard Pkg. - 1 Pc.	OEM Bulk Pkg. 25 Pcs.	Ship Wt. Carton Lbs. DP/Std/OEM
3/8	11/16	1-3/4	1-7/16	0322DP3PLB	-----	0322003PLB	1.7/--/6.9
1/2	13/16	1-3/8	1-1/2	0322DP4PLB	-----	0322004PLB	1.8/--/7.9
3/4	1	1-1/2	1-7/8	0322DP5PLB	-----	0322005PLB	2.4/--/11.6
1	1-5/16	1-7/8	2-3/16	0322DP6PLB	-----	0322006PLB	4.1/--/18.7
1-1/4	1-5/8	2	2-3/4	0322DP7PLB	-----	0322007PLB	6.0/--/28.5
1-1/2	1-7/8	2-1/4	3	0322DP8PLB	-----	0322008PLB*	7.6/--/15.0
2	2-3/8	2-3/8	3-5/8	-----	0322009PLB	0322009PLB*	--/2.1/19.4
2-1/2	2-7/8	2-5/8	4-1/2	-----	0322010PLB	-----	--/2.8/--
3	3-1/2	2-3/4	5	-----	0322011PLB	-----	--/4.6/--



# PERKO®

## DETERMINING THE HAND OF A LOCK OR LATCH SET

### DETERMINING THE HAND OF THE LATCH SET.

When Standing Outside: If the Door Opens Away From You,  
You Need a Lock or Latch with a Regular Bevel.

If the Door Opens Toward You, You Need a Lock or Latch with a Reverse Bevel.

Refer to the illustrations below when selecting the proper hand configuration of the lock and latch sets on the following pages.

### When Standing Outside



7

**A**

**Lock/Latch Type:**  
**LEFT INWARD**  
Regular Bevel

**B**

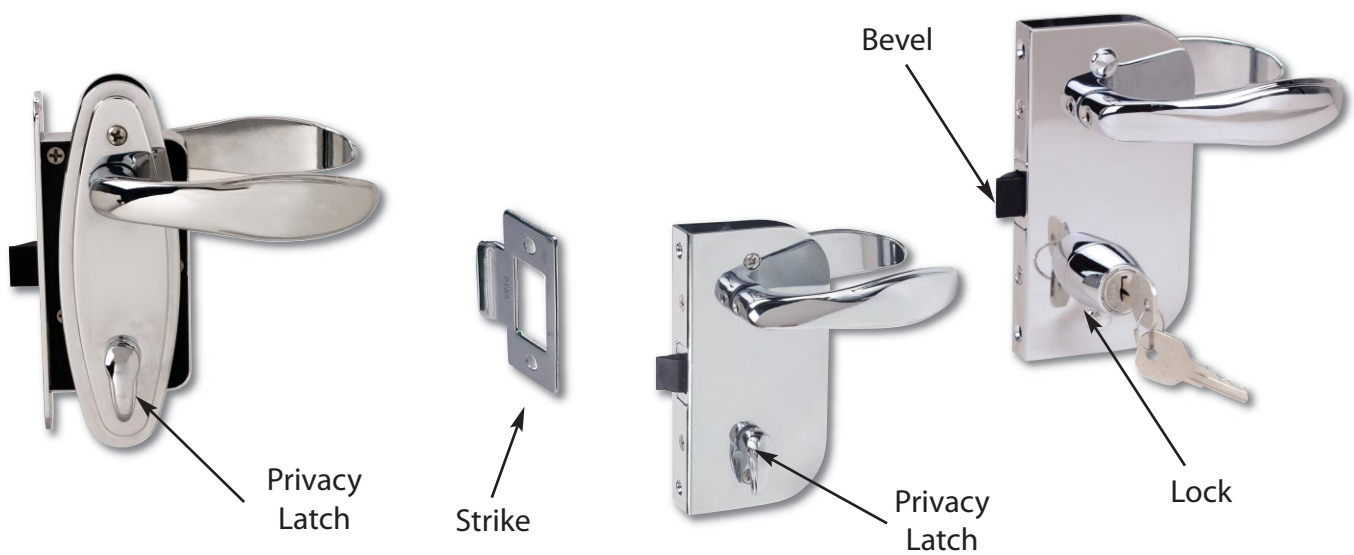
**Lock/Latch Type:**  
**LEFT OUTWARD**  
Reverse Bevel

**C**

**Lock/Latch Type:**  
**RIGHT INWARD**  
Regular Bevel

**D**

**Lock/Latch Type:**  
**RIGHT OUTWARD**  
Reverse Bevel



**NOTE:** The privacy latch handle should always be mounted on the door's interior side.



**Fig. 0730**  
Mortise Lock



**Fig. 0710**  
Mortise Latch

**Fig. 0710 - Full Size Mortise Latch Set**  
**Fig. 0730 - Full Size Mortise Lock Set**  
**With Privacy Lock for Interior Cabins and Head Enclosures**

**CONSTRUCTION:**

- Chrome Plated Brass and Zinc Alloy
    - Two Escutcheon Plates
    - Overall Height: 5-1/4 Inches
  - Fig. 0710 - Safety Unlock from Outside
    - Fig. 0730 - Keyed Lock from Outside
  - Interior Turn Button Lock Mechanism from Inside
- For Door Thickness 3/4 to 1-1/2 Inches**  
Bevels are Interchangeable.

**Ordering & Tech Info**

Type	Hand Of Lock/Latch*	For Door Thickness Inches	Std Pkg. 1 Set	Ship Wt. Ctn. Lbs. Standard Pkg.
Latch	A or D	3/4 to 1	0710001LIC	1.5
Latch	A or D	1 to 1-1/4	0710002LIC	1.5
Latch	A or D	1-1/4 to 1-1/2	0710003LIC	1.5
Latch	B or C	3/4 to 1	0710001RIC	1.5
Latch	B or C	1 to 1-1/4	0710002RIC	1.5
Latch	B or C	1-1/4 to 1-1/2	0710003RIC	1.5
Lock	A or D	3/4	0730001LIC	1.7
Lock	A or D	7/8	0730002LIC	1.7
Lock	A or D	1	0730003LIC	1.7
Lock	A or D	1-1/8	0730004LIC	1.7
Lock	A or D	1-1/4	0730005LIC	1.7
Lock	A or D	1-3/8	0730006LIC	1.7
Lock	A or D	1-1/2	0730007LIC	1.7
Lock	B or C	3/4	0730001RIC	1.7
Lock	B or C	7/8	0730002RIC	1.7
Lock	B or C	1	0730003RIC	1.7
Lock	B or C	1-1/8	0730004RIC	1.7
Lock	B or C	1-1/4	0730005RIC	1.7
Lock	B or C	1-3/8	0730006RIC	1.7
Lock	B or C	1-1/2	0730007RIC	1.7

**Fig. 0706 - Full Size Mortise Latch Set without Privacy Lock**

**CONSTRUCTION:**

- Chrome Plated Brass and Zinc Alloy
  - Two Escutcheon Plates
  - Overall Height: 5-1/4 Inches

**For Door Thickness 3/4 to 1-1/2 Inches**  
Bevels are Interchangeable.



**Fig. 0706**  
Mortise Latch  
w/o Privacy  
Latch

**Ordering & Tech Info**

Type	Hand Of Lock/Latch*	For Door Thickness Inches	Std Pkg. 1 Set	Ship Wt. Ctn. Lbs. Standard Pkg.
Latch	A or D	3/4 to 1	0706001LIC	1.5
Latch	A or D	1 to 1-1/4	0706002LIC	1.5
Latch	A or D	1-1/4 to 1-1/2	0706003LIC	1.5
Latch	B or C	3/4 to 1	0706001RIC	1.5
Latch	B or C	1 to 1-1/4	0706002RIC	1.5
Latch	B or C	1-1/4 to 1-1/2	0706003RIC	1.5

\* Note: Refer to Page C-85 to determine the proper hand of a lock or latch set.



**Fig. 0712 Compact Mortise Latch Set  
with Privacy Lock for Interior Cabins and Head Enclosures****CONSTRUCTION:**

- Chrome Plated Brass and Zinc Alloy
- Two Escutcheon Plates
- Overall Height: 5-1/4 Inches
- Safety Unlock from Outside
- Interior Turn Button Lock Mechanism from Inside

**For Door Thickness 3/4 to 1-1/2 Inches**

Bevels are Interchangeable.



7

**Fig. 0712  
Compact  
Mortise Latch****Ordering & Tech Info**

Type	Hand Of Lock/Latch*	For Door Thickness Inches	Ship Wt. Ctn. Lbs.	
			Std Pkg. 1 Set	Standard Pkg.
Latch	A or D	3/4 to 1	0712001LIC	1.1
Latch	A or D	1 to 1-1/4	0712002LIC	1.5
Latch	A or D	1-1/4 to 1-1/2	0712003LIC	1.5
Latch	B or C	3/4 to 1	0712001RIC	1.1
Latch	B or C	1 to 1-1/4	0712002RIC	1.5
Latch	B or C	1-1/4 to 1-1/2	0712003RIC	1.5

**Fig. 0716 - Full Size Surface Mount Lock Set****CONSTRUCTION:**

- Chrome Plated Brass and Zinc Alloy
- Overall Height: 5-1/4 Inches
- Keyed Lock from Outside
- Interior Turn Button Lock Mechanism from Inside

**For Door Thickness 1-1/16 to 1-3/8 Inches****For any other door thickness or other "hands",  
consult factory for availability.****Fig. 0716  
Surface Mount  
Lock****Ordering & Tech Info**

Type	Hand Of Lock/Latch*	For Door Thickness Inches	Ship Wt. Ctn. Lbs.	
			Std Pkg. 1 Set	Standard Pkg.
Lock	D	1-1/16	0716001ROC	1.5
Lock	D	1-1/8	0716002ROC	1.5
Lock	D	1-3/8	0716003ROC	1.5

\* Note: Refer to Page C-85 to determine the proper hand of a lock or latch set.



**Fig. 0711**  
Flush Latch  
Shown



**Fig. 0731**  
Flush Lock

**Fig. 0711 - Full Size Flush Latch Set**  
**Fig. 0731 - Full Size Flush Lock Set**  
With Privacy Latches for Interior Cabins and Head Enclosures

**CONSTRUCTION:**

- Chrome Plated Brass and Zinc Alloy
  - Overall Height: 5-1/4 Inches
- Fig. 0711 - Safety Unlock from Outside
- Fig. 0731 - Keyed Lock from Outside
- Interior Turn Button Lock Mechanism from Inside

For Door Thickness 1/2 to 3/4 Inch

**Ordering & Tech Info**

Type	Hand Of Lock/Latch*	For Door Thickness		Ship Wt. Ctn. Lbs.	
		Inches	Std Pkg. 1 Set	Standard Pkg.	
Latch	A	1/2	0711001LIC	1.5	
Latch	A	5/8	0711002LIC	1.5	
Latch	A	3/4	0711003LIC	1.5	
Latch	B	1/2	0711001LOC	1.5	
Latch	B	5/8	0711002LOC	1.5	
Latch	B	3/4	0711003LOC	1.5	
Latch	C	1/2	0711001RIC	1.5	
Latch	C	5/8	0711002RIC	1.5	
Latch	C	3/4	0711003RIC	1.5	
Latch	D	1/2	0711001ROC	1.5	
Latch	D	5/8	0711002ROC	1.5	
Latch	D	3/4	0711003ROC	1.5	
Lock	A	1/2	0731001LIC	1.6	
Lock	A	5/8	0731002LIC	1.6	
Lock	A	3/4	0731003LIC	1.6	
Lock	B	5/8	0731002LOC	1.6	
Lock	B	3/4	0731003LOC	1.6	
Lock	B	1/2	0731001LOC	1.6	
Lock	C	5/8	0731002RIC	1.6	
Lock	C	1/2	0731001RIC	1.6	
Lock	C	3/4	0731003RIC	1.6	
Lock	D	1/2	0731001ROC	1.6	
Lock	D	5/8	0731002ROC	1.6	
Lock	D	3/4	0731003ROC	1.6	

**Fig. 0715 Flush Latch Set**

Without Privacy Latch for Interior Cabins and Head Enclosures

**CONSTRUCTION:**

- Chrome Plated Brass and Zinc Alloy
  - Overall Height: 5-1/4 Inches
  - Safety Unlock from Outside

For Door Thickness 1/2 to 3/4 Inch

**Ordering & Tech Info**

Type	Type Of Lock/Latch*	For Door Thickness		Ship Wt. Ctn. Lbs.	
		Inches	Std Pkg. 1 Set	Standard Pkg.	
Latch	A	1/2	0715001LIC	1.5	
Latch	A	5/8	0715002LIC	1.5	
Latch	A	3/4	0715003LIC	1.5	
Latch	B	1/2	0715001LOC	1.5	
Latch	B	5/8	0715002LOC	1.5	
Latch	B	3/4	0715003LOC	1.5	
Latch	C	1/2	0715001RIC	1.5	
Latch	C	5/8	0715002RIC	1.5	
Latch	C	3/4	0715003RIC	1.5	
Latch	D	1/2	0715001ROC	1.5	
Latch	D	5/8	0715002ROC	1.5	
Latch	D	3/4	0715003ROC	1.5	



**Fig. 0715**  
Flush Latch  
w/o Privacy  
Latch

\* Note: Refer to Page C-85 to determine the proper hand of a lock or latch set.



### Figs. 0918 & 0919 - Rim Lock Sets

#### CONSTRUCTION:

- Chrome Plated Zinc Alloy
- For Door Thickness 5/8 to 1-3/8 Inches

**Fig. 0918 - Regular Bevel with Box Strike**

**Fig. 0919 - Reverse Bevel with Flush Strike**



**Fig. 0919**  
**Fig. 0918**



**Fig. 0918/0919**  
**Shown Assembled**

Locks by Turn Button from Inside or Key from Outside

Ordering Info			
Door Bevel/Strike Type	Dealer Pkg. 5 Sets 1 Set per Card	OEM Bulk Pkg. 10 Sets	Ship Wt. Carton Lbs. DP/OEM Bulk
Regular w/Box	0918DP0CHR	0918000CHR	7.0/12.9
Reverse w/Flush	0919DP0CHR	0919000CHR	6.9/12.5

Tech Info
Dimensions Case: 3-7/8" x 2"
Dimensions Escutcheon: 4-3/8" x 1-1/4"
Screw Size: #6

#### SPARE PARTS ORDERING INFORMATION

- Box Strike: 091800099A
- Flush Strike: 0913DP0CHR
- Knob and Handle Assembly: 0962000CHR
- Regular Bevel with Cam: 0984000CHR
- Reverse Bevel with Cam: 0920DP0CHR
- Escutcheon Plate with Keys: 0953000CHR

### Fig. 0927 - Mortise Lock Set

#### CONSTRUCTION:

- Chrome Plated Zinc Alloy

Locks by Turn Button from Inside or Key from Outside  
Bevel can be Reversed During Installation



**Fig. 0927**  
**Shown Assembled**

Ordering & Tech Info						
For Door Thickness Inches	Dimensions Case Inches	Dimensions Escutcheon Inches	Dealer Pkg. 5 Sets 1 Set per Card	OEM Bulk Pkg. 10 Sets	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
1 to 1-3/8	2-3/4 x 2	4-3/8 x 1-1/4	0927DP0CHR	0927000CHR	6	7.1/13.0

#### SPARE PARTS ORDERING INFORMATION

- Spare Flush Strike: 0913DP0CHR
- Spare Knob and Handle Assy: 0962000CHR
- Bevel with Cam: 0920DP0CHR
- Escutcheon Plate with Keys: 092700099B

### Fig. 0567 - Tubular Latch Set

#### CONSTRUCTION:

- Chrome Plated Zinc Alloy
- Sliding Lock Button



**Fig. 0567**  
**Shown Assembled**

Ordering & Tech Info						
For Door Thickness Inches	Dimensions Escutcheon Inches	O.D. Tube Inches	Dealer Pkg. 5 Cards 1 Set per Card	OEM Bulk Pkg. 10 Sets	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
1 to 1-3/8	4-3/8 x 1-1/4	3/4	0567DP0CHR	0567000CHR	6	4.5/8.1

#### SPARE PARTS ORDERING INFORMATION

- Flush Strike: 0912DP0CHR
- Knob and Handle Assembly: 0962000CHR



### Figs. 1091 & 1092 - Surface Mount Lock & Latch

### Fig. 1093 - "T" Handle Flush Pull

(Gasket Included for Smooth Surface Applications)  
Toothed Back for Carpet Surface Applications

#### CONSTRUCTION:

- Black, White or Gray Polymer Body
- Chrome Plated Zinc Alloy, Black or White Polymer "T" Handle
- Stainless Steel Stem

Fig. 1091 #1  
Black/Chrome

Fig. 1092 #1  
White/Chrome

Fig. 1091 #1  
Black/Black

Fig. 1091 - Lock with 2 Keys  
Fig. 1092 - Latch (Non-Locking)  
Fig. 1093 - Pull

- No. 1 with Offset Cam Bar
- No. 3 with Straight Cam Bar
- No. 4 with Extra Long Offset Cam Bar
- No. 5 with Extra Long Straight Cam Bar
- No. 6 with Extra Long Offset Cam Bar
- No. 7 with Slam Cam Bar

Easily Installs in a 2-1/2 Inch Diameter Hole  
For Mounting Surfaces 1/8 to 3/4 Inch Thick  
Face Plate Diameter 3"

#### Mounting Options:



Surface Mount



Upholstery Mount



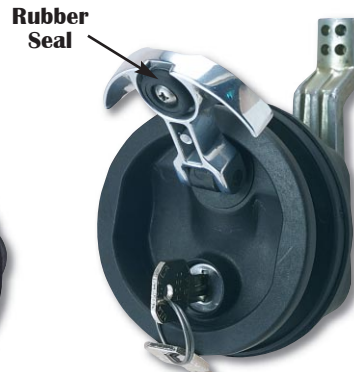
Carpet Mount

The T - Handle Drops Down Flush in Either the Open or Closed (180° Rotation) Position (Except with the Offset Cam Bar Positioned Upward)

Fig. 1092 #1  
Gray/Chrome



Latch Version



Lock Version



The Rubber Seal & Boot Under the T - Handle Seals the Lock Cylinder Preventing Water Intrusion

### Cam Bar Options



Fig. 1093 Pull



No. 1  
Offset  
Cam Bar



No. 3  
Straight  
Cam Bar



No. 4  
Extra Long  
Offset Cam Bar



No. 5 Extra  
Long Straight  
Cam Bar



No. 6 Extra  
Long Offset  
Cam Bar



No. 7  
Slam  
Cam Bar



# PERKO®

## "T" - HANDLE SURFACE MOUNT LOCK & LATCH

### Ordering & Tech Info

Type	Body Color	Handle Color	Adjustment Cam Bar Inches	OEM Bulk Pkg. 25 Pcs.	Dealer Pkg. 5 Cds 1 Pc. per Card	Ship Wt. Carton Lbs. OEM Bulk/DP
Lock	Black	Chrome	No Cam Bar	-----	1091DP0BLK*	--/3.5
Lock	Black	Chrome	3/4 to 2-3/8	1091001BLK	1091DP1BLK	15.7/3.9
Lock	Black	Chrome	1-1/4 to 1-7/8	1091003BLK	1091DP3BLK	15.7/4.0
Lock	Black	Chrome	1/2 to 3	1091004BLK	1091DP4BLK	17.2/4.2
Lock	Black	Chrome	1-1/4 to 2	1091005BLK	1091DP5BLK	17.4/4.0
Lock	Black	Chrome	1-1/8 to 2	1091006BLK	1091DP6BLK	17.4/4.1
Lock	Black	Chrome	See Page R-151	1091007BLK	1091DP7BLK	24.0/5.4
Lock	Black	Black	3/4 to 2-3/8	1091B01BLK	-----	13.1/--
Lock	Black	Black	1-1/4 to 1-7/8	1091B03BLK	-----	13.3/--
Lock	Black	Black	1/2 to 3	1091B04BLK	-----	14.9/--
Lock	Black	Black	1-1/4 to 2	1091B05BLK	-----	14.9/--
Lock	Black	Black	1-1/8 to 2	1091B06BLK	-----	14.9/--
Lock	Black	Black	See Page R-151	1091B07BLK	-----	21.4/--
Lock	White	Chrome	No Cam Bar	-----	1091DP0WHT*	--/3.5
Lock	White	Chrome	3/4 to 2-3/8	1091001WHT	1091DP1WHT	15.7/3.9
Lock	White	Chrome	1-1/4 to 1-7/8	1091003WHT	1091DP3WHT	15.7/4.0
Lock	White	Chrome	1/2 to 3	1091004WHT	1091DP4WHT	17.2/4.2
Lock	White	Chrome	1-1/4 to 2	1091005WHT	1091DP5WHT	17.4/4.0
Lock	White	Chrome	1-1/8 to 2	1091006WHT	1091DP6WHT	17.4/4.1
Lock	White	Chrome	See Page R-151	1091007WHT	1091DP7WHT	24.0/5.4
Lock	White	White	3/4 to 2-3/8	1091W01WHT	-----	13.8/--
Lock	White	White	1-1/4 to 1-7/8	1091W03WHT	-----	13.3/--
Lock	White	White	1/2 to 3	1091W04WHT	-----	14.9/--
Lock	White	White	1-1/4 to 2	1091W05WHT	-----	14.9/--
Lock	White	White	1-1/8 to 2	1091W06WHT	-----	14.9/--
Lock	White	White	See Page R-151	1091W07WHT	-----	21.4/--
Lock	Gray	Chrome	3/4 to 2-3/8	1091001GRY	-----	15.7/--
Lock	Gray	Chrome	1-1/4 to 1-7/8	1091003GRY	-----	15.7/--
Lock	Gray	Chrome	1/2 to 3	1091004GRY	-----	17.2/--
Lock	Gray	Chrome	1-1/4 to 2	1091005GRY	-----	17.4/--
Lock	Gray	Chrome	1-1/8 to 2	1091006GRY	-----	17.4/--
Lock	Gray	Chrome	See Page R-151	-----	-----	-----
Latch	Black	Chrome	No Cam Bar	-----	1092DP0BLK*	--/3.5
Latch	Black	Chrome	3/4 to 2-3/8	1092001BLK	1092DP1BLK	12.8/3.5
Latch	Black	Chrome	1-1/4 to 1-7/8	1092003BLK	1092DP3BLK	14.0/3.7
Latch	Black	Chrome	1/2 to 3	1092004BLK	1092DP4BLK	15.5/4.0
Latch	Black	Chrome	1-1/4 to 2	1092005BLK	1092DP5BLK	14.6/3.8
Latch	Black	Chrome	1-1/8 to 2	1092006BLK	1092DP6BLK	14.6/3.9
Latch	Black	Chrome	See Page R-151	1092007BLK	1092DP7BLK	21.1/5.2
Latch	Black	Black	3/4 to 2-3/8	1092B01BLK	-----	11.4/--
Latch	Black	Black	1-1/4 to 1-7/8	1092B03BLK	-----	11.5/--
Latch	Black	Black	1/2 to 3	1092B04BLK	-----	13.2/--
Latch	Black	Black	1-1/4 to 2	1092B05BLK	-----	12.0/--
Latch	Black	Black	1-1/8 to 2	1092B06BLK	-----	12.0/--
Latch	Black	Black	See Page R-151	1092B07BLK	-----	18.5/--
Latch	White	Chrome	No Cam Bar	-----	1092DP0WHT*	--/3.5
Latch	White	Chrome	3/4 to 2-3/8	1092001WHT	1092DP1WHT	13.8/3.5
Latch	White	Chrome	1-1/4 to 1-7/8	1092003WHT	1092DP3WHT	14.0/3.7
Latch	White	Chrome	1/2 to 3	1092004WHT	1092DP4WHT	15.5/4.0
Latch	White	Chrome	1-1/4 to 2	1092005WHT	1092DP5WHT	14.6/3.8
Latch	White	Chrome	1-1/8 to 2	1092006WHT	1092DP6WHT	14.6/3.9
Latch	White	Chrome	See Page R-151	1092007WHT	1092DP7WHT	21.1/5.2
Latch	White	White	3/4 to 2-3/8	1092W01WHT	-----	11.4/--
Latch	White	White	1-1/4 to 1-7/8	1092W03WHT	-----	11.5/--
Latch	White	White	1/2 to 3	1092W04WHT	-----	13.2/--
Latch	White	White	1-1/4 to 2	1092W05WHT	-----	12.0/--
Latch	White	White	1-1/8 to 2	1092W06WHT	-----	12.0/--
Latch	White	White	See Page R-151	1092W07WHT	-----	18.5/--
Latch	Gray	Chrome	3/4 to 2-3/8	1092001GRY	-----	13.8/--
Latch	Gray	Chrome	1-1/4 to 1-7/8	1092003GRY	-----	14.0/--
Latch	Gray	Chrome	1/2 to 3	1092004GRY	-----	15.5/--
Latch	Gray	Chrome	1-1/4 to 2	1092005GRY	-----	14.6/--
Latch	Gray	Chrome	1-1/8 to 2	1092006GRY	-----	14.6/--
Latch	Gray	Chrome	See Page R-151	1092007GRY	-----	21.1/--

Type	Color Body	Color Handle	Diameter Inches	OEM Bulk Pkg. 25 Pcs.	Ship Wt. Carton Lbs. OEM Bulk
Pull	Black	Black	3	1093000BLK	9.0
Pull	Black	Chrome	3	1093000CHR	10.2
Pull	White	White	3	1093000WHT	7.5

\* Dealers Order with Cam Bar Assortment: 1091DP099A

**SPARE PARTS ORDERING INFORMATION**

Old Style Square Shaft Cam Bars  
 Offset Cam Bar: 109100199A  
 Straight Cam Bar: 109100399A  
 Extra Long Offset Cam Bar: 109100499A  
 Extra Long Straight Cam Bar: 109100599A

Threaded Shaft Cam Bars  
 Offset Cam Bar: 109100188A  
 Straight Cam Bar: 109100388A  
 Extra Long Offset Cam Bar: 109100488A  
 Extra Long Straight Cam Bar: 109100588A  
 Extra Long Offset Cam Bar: 109100688A  
 Slam Cam Bar: 1075007CHR or 1075DP7CHR



### Fig. 0777 - Rectangular Flange Flush Hatch Dog

**CONSTRUCTION:**

- Chrome Plated Bronze
- Latch or Locking Versions
- **2 Options:** Flange With Visible Mounting Holes or Smooth Flange with Concealed Fasteners
- Stainless Steel Lock Nuts
- Flush Strike
- O-Ring Seals for Water Resistance
- Does Not Rattle When "Dogged" Down



**Fig. 0777F** Latch with Concealed Fasteners

For Securely "Dogging" (Fastening) Deck Hatches

8



**Fig. 0777FL** Lock with Concealed Fasteners



**Fig. 0777L** Lock with Mounting Holes



**Fig. 0777** Latch with Mounting Holes  
Shown in Marinium



**Detail of Concealed Fasteners Bottom Plate**

### Ordering Info

Type	Cam Bar Length Inches	Std. Pkg. - 1 Pc. OEM Pkg. - 5 Pcs.	Ship Wt. Carton Lbs. Std. Pkg./OEM
<b>Visible Mounting Holes</b>			
Latch	15/16	0777000CHR	1.2/5.8
Latch	1-1/2	0777001CHR	1.2/5.8
Latch	3	0777002CHR	1.2/5.8
<b>Concealed Fasteners*</b>			
Lock	15/16	0777L00CHR	1.4/6.0
Lock	1-1/2	0777L01CHR	1.4/6.0
Lock	3	0777L02CHR	1.4/6.0
Latch	15/16	0777F00CHR*	1.5
Latch	1-1/2	0777F01CHR*	1.5
Latch	3	0777F02CHR*	1.5
Lock	15/16	0777FL0CHR*	1.7
Lock	1-1/2	0777FL1CHR*	1.7
Lock	3	0777FL2CHR*	1.7

**AVAILABLE IN**  
**MARINIUM**  
Aluminum-Alloy  
For Complete Ordering Info:  
See Pgs R-183-184

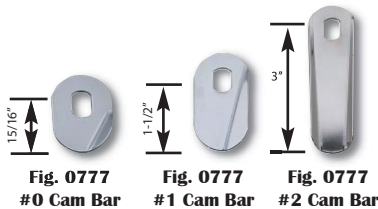


Strike

### Tech Info

Max. Hatch Thickness: 2"  
Adjustment Cam Bar: 1-1/4" to 2"  
Dimensions Face Plate: 3-13/16" x 3"  
Screw Size: #8

### Cam Bar Options



**Fig. 0777**  
#0 Cam Bar

**Fig. 0777**  
#1 Cam Bar

**Fig. 0777**  
#2 Cam Bar

\* Std. Pkg 1 Pc. **SPARE PARTS ORDERING INFORMATION**  
Cam Bar for Size #0: 077700099A  
Cam Bar for Size #1: 077700199A  
Cam Bar for Size #2: 077700299A



### Fig. 0778 - Round Flange Flush Hatch Dog

#### CONSTRUCTION:

- Chrome Plated Bronze
- Latch or Locking Versions
- **2 Options:** Flange With Visible Mounting Holes or Smooth Flange with Concealed Fasteners
- Stainless Steel Lock Nuts
- Flush Strike
- O-Ring Seals for Water Resistance
- Does Not Rattle When "Dogged" Down

For Securely "Dogging" (Fastening) Deck Hatches



**Fig. 0778FL**  
Lock with  
Concealed  
Fasteners



**Fig. 0778L**  
Lock with  
Mounting Holes



**Fig. 0778**  
Latch with  
Mounting Holes



**Fig. 0778F**  
Latch with  
Concealed  
Fasteners



**Detail of  
Concealed Fasteners  
Bottom Plate**



**Strike**

#### Tech Info

Max. Hatch Thickness:  
2"  
Adjustment Cam Bar:  
1-1/4" to 2"  
Diameter Face Plate:  
4-3/8"  
Screw Size: #8

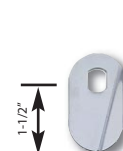
#### Ordering Info

Type	Cam Bar Length Inches	Std. Pkg. - 1 Pc.	Ship Wt. Carton Lbs. Std. Pkg.
<b>Visible Mounting Holes</b>			
Latch	1-1/2	0778001CHR	1.4
Latch	3	0778002CHR	1.5
Lock	1-1/2	0778L01CHR	1.6
Lock	3	0778L02CHR	1.7
<b>Concealed Fasteners</b>			
Latch	1-1/2	0778F01CHR	1.6
Latch	3	0778F02CHR	1.6
Lock	1-1/2	0778FL1CHR	1.9
Lock	3	0778FL2CHR	1.9

#### SPARE PARTS ORDERING INFORMATION

Cam Bar for Size #1: 077700199A  
Cam Bar for Size #2: 077700299A

#### Cam Bar Options



**Fig. 0777**  
#1 Cam Bar



**Fig. 0777**  
#2 Cam Bar



**Fig. 0526 - Regular Deck Plate**

**CONSTRUCTION:**

- Cast Bronze
- Plain or Chrome Plated
- Deck Plate Key Included



**Fig. 0526**

Ordering & Tech Info					
I.D. Opening Inches	O.D. Overall Inches	Plain Bronze Standard Pkg. - 1 Pc.	Chrome Plated Bronze Standard Pkg. - 1 Pc.	Screw Size	Ship Wt. Carton Lbs. Std. Pkg. PLB/CHR
3	5-3/8	0526003PLB	0526003CHR	10	2.1/2.3
4	7-1/16	0526004PLB	0526004CHR	10	3.6/3.7
5	8-3/8	0526005PLB	0526005CHR	10	5.3/5.6
6	9-3/8	0526006PLB	0526006CHR	1/4	7.5/7.6

**SPARE PARTS ORDERING INFORMATION**

I.D. Opening Inches	Plain Bronze Cap	Chrome Plated Bronze Cap	Spare Key Only
3	0526P0399A	0526C0399A	1248010ZNC
4	0526P0499A	0526C0499A	0539004PLB
5	0526P0599A	0526C0599A	0539005PLB
6	0526P0699A	0526C0699A	0539006PLB

8



**Fig. 0545**

**Fig. 0545 - Cleat**

**CONSTRUCTION:**

- Aluminum



Ordering & Tech Info								
Base Style	Length Overall Inches	Dimensions Base Inches	Max. Rope Size Inches	Dealer Pkg. 5 Cards 2 Pcs. per Card	OEM Bulk Package	OEM Bulk Pkg. Qty.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
Closed	3	1-1/2 x 5/8	1/4	0545DP3ALU	-----	----	8	1.0/--
Open	4	1-5/8 x 3/4	5/16	0545DP4ALU	-----	----	10	1.2/--
Open	5	2 x 7/8	3/8	0545DP5ALU	-----	----	1/4	1.8/--
Open	6	2-1/4 x 7/8	7/16	0545DP6ALU*	0545006ALU	50	1/4	3.0/10.0
Open	8*	2-5/8 x 1-7/8	5/8	0545DP8ALU*	0545008ALU	25	1/4	4.8/9.0
Open	10*	3-5/8 x 1-1/2	3/4	-----	0545010ALU	5	5/16	--/3.0
Open	12*	4 x 1-1/2	7/8	-----	0545012ALU	5	5/16	--/4.2

\* Dealer Package, 10 pcs., 1 Pc. per card.

**Fig. 0530 - Open Base Cleat**

**CONSTRUCTION:**

- Aluminum



**Fig. 0530**

Ordering & Tech Info					
Length Overall Inches	Dimensions Base Inches	Max. Rope Size Inches	Standard Package - 1 Pc.	Screw Size	Ship Wt. Carton Lbs. Std. Pkg.
8	4 x 2-1/4	3/4	0530008ALU	1/2	1.2
10	4-1/2 x 3	7/8	0530010ALU	1/2	2.0
12	6-1/2 x 2-7/8	1	0530012ALU	5/8	4.0
15	7 x 3-1/4	1-1/2	0530015ALU	3/4	5.0





AXE BRACKET, RING BUOY HOLDER, GRAB RAIL POSTS & HOLD DOWN CLAMP

**Fig. 0325 - Axe Bracket**

**CONSTRUCTION:**

- Stainless Steel



**Fig. 0325**  
Socket & Bracket

Ordering & Tech Info				
<b>For Blade Width Inches</b>	<b>Standard Pkg. - 10 Sets</b>	<b>Socket Screw Size</b>	<b>Bracket Screw Size</b>	<b>Ship Wt. Carton Lbs. Standard Pkg.</b>
6	0325000STS	10 R.H.	6	3.0

**Fig. 1017 - Ring Buoy Holder**

**CONSTRUCTION:**

- Chrome Plated or Plain Brass



**Fig. 1017**

Ordering & Tech Info					
<b>Width Mounting Plate Inches</b>	<b>Height Overall Inches</b>	<b>Chrome Plated Brass Dealer Pkg. - 5 Cards 1 Pc. per Card</b>	<b>Plain Brass Standard Pkg. - 5 Pcs.</b>	<b>Screw Size</b>	<b>Ship Wt. Carton Lbs. DP/Std. Pkg.</b>
3	4-1/2	1017DP0CHR	1017000PLB	8	2.9/2.4

**Figs. 0380 & 0380A - Grab Rail Posts**

**CONSTRUCTION:**

- Chrome Plated Bronze
- Hollow, For 1 Inch O.D. Tubing



**Fig. 0380**  
End Post

**Fig. 0380A**  
Center Post

Ordering Info		Tech Info
<b>Standard Pkg. - 1 Pc.</b>	<b>Ship Wt. Carton Lbs. Standard Pkg.</b>	Height Overall: 3-3/8" O.D. Base: 2-1/2" Screw Size: #8
0380000CHR	0.8	
0380A00CHR	0.7	

**Fig. 1008 - Lockable, Security Hold-Down Clamp**

**CONSTRUCTION:**

- Chrome Plated Bronze
- All Mounting Holes Covered in Closed Position



**Fig. 1008**

Ordering & Tech Info					
<b>Length Closed Inches</b>	<b>Width Overall Inches</b>	<b>Padlock Shank Size Inches</b>	<b>Dealer Pkg. 5 Cards 1 Pc. per Card</b>	<b>OEM Bulk Pkg. 25 Pcs.</b>	<b>Ship Wt. Carton Lbs. OEM Bulk</b>
4-1/2	3-3/4	1/4	1008DP0CHR	1008000CHR	8 2.0/8.4





Fig. 1112



Fig. 1113

**Fig. 1112 - Flat Mounting Hold-Down Clamp**  
**Fig. 1113 - Right Angle Mount Hold-Down Clamp**  
**CONSTRUCTION:**

- Chrome Plated Bronze

Ordering & Tech Info					
Length Inches	Width Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
3	1-1/2	1112DP0CHR	1112000CHR	8	2.1/8.8
2-1/2	1-1/2	1113DP0CHR	1113000CHR	8	2.2/9.4



Fig. 0998

**Fig. 0998 - Hasp**  
**CONSTRUCTION:**

- Chrome Plated Bronze

Ordering & Tech Info						
Length Closed Inches	Width Overall Inches	Padlock Clearance Inches	Dealer Pkg. 10 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
2	1	9/32	0998DP1CHR	0998001CHR	6	1.9/3.9
3	1	9/32	0998DP2CHR	0998002CHR	6	2.0/4.8

**SPARE PARTS ORDERING INFORMATION**

Chrome Keepers (2 per card): 0959DP0CHR

**Fig. 1353 - Slim Barrel Bolt - Visible Mounting Holes**  
**Fig. 1354 - Slim Barrel Bolt - Hidden Mounting Holes**  
**CONSTRUCTION:**

- Chrome Plated Zinc Alloy
- Integral Friction Pad Eliminates Rattle and Provides Smooth Operation

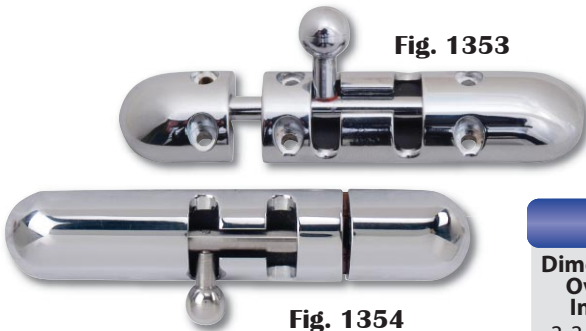


Fig. 1353

Fig. 1354

Ordering & Tech Info					
Dimensions Overall Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	OEM Bulk Pkg. 25 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk	
3-3/4 x 3/4	1353DP0CHR	1353000CHR	6	1.0/3.9	
3-3/4 x 3/4	1354DP0CHR	1354000CHR	6	1.0/3.9	

Bulkhead Keeper



Fig. 0947

**Fig. 0947 - Barrel Bolt**  
**CONSTRUCTION:**

- Chrome Plated Bronze Body & High Impact Black Nylon Bulkhead Keeper
- 3/8" Diameter Bolt
- Bulkhead Keeper Easily Installs in a 5/8" Hole
- Includes Friction Pad to Eliminate Rattle and Provide Smooth Operation

**Dealer Package Includes Both Styles of Keepers.**

Standard Keeper



Ordering & Tech Info						
Dimensions Overall Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	Std. Keeper OEM Bulk Pkg. 25 Pcs.	Bulkhead Keeper OEM Bulk Pkg. 25 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk Std/Bulkhead	
3-7/16 x 1-7/16	0947DP1CHR	0947001CHR	0947B01CHR	6	1.8/7.0/5.5	
4-5/16 x 1-7/16	0947DP2CHR	0947002CHR	0947B02CHR	6	2.1/9.0/7.6	
5-1/4 x 1-7/16	0947DP3CHR	0947003CHR	0947B03CHR	6	2.5/10.6/9.4	



### Fig. 0956 - Cabin Door Hook

**CONSTRUCTION:**

- Cast Bronze
- Plain or Chrome Plated

**Ordering & Tech Info**

Length Hook Inches	Chrome Plated Bronze Dealer Pkg. - 5 Cards 1 Pc. per Card	Chrome Plated Bronze OEM Bulk Pkg. 50 Pcs.	Plain Bronze Standard Pkg. - 5 Pcs.	Ship Wt. Carton Lbs. DP/OEM Bulk/Std.Pkg.
1-1/2	0956DP1CHR	0956001CHR	0956001PLB	0.9/5.4/0.6
2	0956DP2CHR	0956002CHR	0956002PLB	0.9/5.8/0.7
2-1/2	0956DP3CHR	0956003CHR	0956003PLB	1.0/6.3/0.7
3	0956DP4CHR	0956004CHR	0956004PLB	1.0/6.5/0.8
3-1/2	0956DP5CHR	-----	0956005PLB	1.1--/0.8
4	0956DP6CHR	0956006CHR*	0956006PLB	1.2/4.7/1.0
5	0956DP7CHR	0956007CHR**	0956007PLB	1.4/1.2/1.1
6	0956DP8CHR	0956008CHR*	0956008PLB	1.7/5.8/1.3

\*OEM Bulk Pkg. - 25 Pcs.

\*\* 5 Pcs.

Screw Size #6.

**SPARE PARTS ORDERING INFORMATION**

Bronze Keepers (2 per card): 0959DP0PLB

Chrome Keepers (2 per card): 0959DP0CHR

Chrome Keepers OEM Bulk (100 pcs.): 0959000CHR



Fig. 0956



Fig. 0959  
Spare Keeper Only

### Fig. 1106 - Utility Hook

**CONSTRUCTION:**

- Chrome Plated Zinc Alloy

**Ordering & Tech Info**

Projection Inches	Width Base Inches	Dealer Pkg. 10 Cards 1 Pc. per Card	OEM Bulk Pkg. 50 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
3/4	1	1106DP0CHR	1106000CHR	6	1.0/2.8



Fig. 1106

### Fig. 0975 - Utility Hook

**CONSTRUCTION:**

- Chrome Plated Zinc Alloy

**Ordering & Tech Info**

Projection Inches	Width Base Inches	Dealer Pkg. 10 Cards 1 Pc. per Card	OEM Bulk Pkg. 50 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
2	1-1/8	0975DP1CHR	0975001CHR	6	1.1/3.2
3	1-1/4	0975DP2CHR	0975002CHR	6	1.5/4.6



Fig. 0975

### Fig. 0610 - Utility Hook

**CONSTRUCTION:**

- Chrome Plated Zinc Alloy

**Ordering & Tech Info**

Projection Inches	Width Base Inches	Dealer Pkg. 10 Cards 1 Pc. per Card	OEM Bulk Pkg. 50 Pcs.	Screw Size	Ship Wt. Carton Lbs. DP/OEM Bulk
1-3/8	1-1/8	0610DP0CHR	0610000CHR	6	0.9/2.2



Fig. 0610



10

### Navigation Light Sets



Page: R•11

### Navigation Light Sets



Page: R•12

### Navigation Light Sets



Page: R•13

### Navigation Light Sets



Pages: R•14-15

### Navigation Light Sets



Pages: R•16-17

### Navigation Light Sets



Pages: R•18-19

### Navigation Light Sets



Page: R•20

### Navigation Light Sets



Pages: R•21-23

### Navigation Light Sets



Page: R•24

### Navigation Light Sets



Page: R•25

### Navigation Light Sets



Page: R•26

### Navigation Light Sets



Page: R•27

### Navigation Lights



Page: R•28

### Navigation Lights



Page: R•29

### Removable Bi-Color Lights



Pages: R•30-31

### White All-Round Lights



Page: R•34

### White All-Round Lights



Page: R•35

### White All-Round Lights



Page: R•36

### Tri-Color, Combo Wht/ All-Rnd & Masthead Lts.



Pages: R•37-38

### LED Masthead & Combo Wht/All-Rnd Masthead Lights



Page: R•39



### Folding Mount Bases



Pages: R•40-41

### Masthead/Spreader Lt & White All-Rnd Light



Page: R•42

### Fixed Mt. Wht All-Rnd Lights



Page: R•43

### Wht All-Rnd, Masthead & Stern Lights



Pages: R•44-45

### STEALTH Series Wht All-Rnd Pole Lights



Pages: R•48-49

### Omega Series Wht All-Rnd Pole Lights



Pages: R•50-51

### Delta & Coastal Series Wht All-Rnd Pole Lights



Pages: R•52-53

### Alpha Series Wht All-Rnd Pole Lights



Pages: R•54-55

### Inland Series Wht All-Rnd Pole Lights



Page: R•56

### Combination Masthead Wht All-Rnd Pole Lights



Page: R•57

### Wht All-Rnd Light Pole and Base Combinations



Page: R•58

### Heavy Duty Pole Lights



Pages: R•60-61

### Pole Light Mounting Bases



Pages: R•62-63

### Replacement Bases



Page: R•64

### Rail Mount Bases



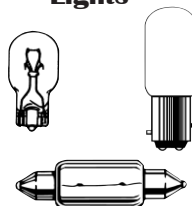
Page: R•65

### Replacement Lenses



Page: R•66

### Bulbs for Navigation Lights



Page: R•67

### Pole Light Accessories



Page: R•68

### Docking & Utility Lights



Page: R•69

### Utility Lights



Page: R•70



### Utility Lights



Page: R•70

### Utility Lights



Page: R•71

### Utility & Dome Lights



Page: R•72

### Dome Lights



Page: R•73

### Dome Lights



Page: R•74

### Bulkhead & Surface Mt Lights



Page: R•75

### Deck Spreader Lights and Meal & Absent Lt.



Page: R•76

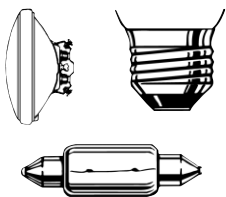
### Spreader Lights



Page: R•77

10

### Bulbs for Utility Lights



Page: R•79

### Surface Mount Underwater Lights



Pages: R•80-81

### Thru-hull Mount Underwater Lights



Pages: R•82-83

### Sealed Beam Searchlights



Page: R•86

### Compact Battery Switches



Page: R•89

### Medium Duty Battery Switches



Pages: R•90-91

### Heavy Duty Battery Switches



Page: R•92

### Switches, Fuse Holder & Deck Connection



Page: R•93

### Cable Outlet & Straps



Page: R•94

### Fog Horn, Whistle, Chain & Weatherstripping



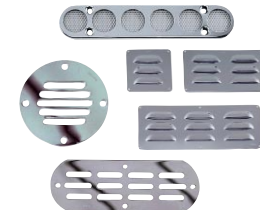
Page: R•95

### Fog Bells



Pages: R•96-97

### Compartment Ventilators



Pages: R•98-99



**Cowl & Clam Shell Ventilators**



Page: R•100

**FlushPro™**



Page: R•101

**Flushing Strainer**



Page: R•102

**Clear Body Strainer**



Page: R•103

**Intake Water Strainers**



Pages: R•104-105

**Strainers**



Page: R•107

**Seacocks & Valves**



Page: R•108

**Valves & Pipe to Hose Adapters**



Page: R•109

**Thru-Hull Connections**



Pages: R•110-111

**Thru-Hull Connections**



Page: R•112

**Scuppers**



Page: R•113

**Scuppers & Shower Drain**



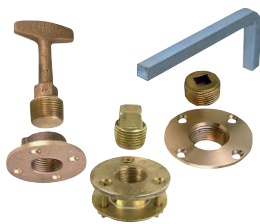
Page: R•114

**Scuppers & Spare Nuts**



Page: R•115

**Garboard Drain Plugs**



Page: R•116

**Water Inlet Fittings & Deck Plate**



Page: R•118

**Cleats**



Page: R•119

**Cleats**



Page: R•120

**Cleats**



Page: R•121

**Cleats**



Page: R•122

**Chocks**



Page: R•123



10

### Anchor Chock, Grab Rail Posts & Rigging Tube



Page: R•124

### Hawse Hole Plate, Mooring Bitt & Bow Eye



Page: R•125

### Rope & Chain Deck Pipes



Page: R•126

### Step Plates & Steps



Page: R•127

### Handles



Page: R•128

### Rowlock Horns and Sockets



Page: R•129

### Rowlock Horns, Sockets and Oar Leather



Pages: R•130-131

### Flag Poles & Sockets



Pages: R•132-133

### Fender Lock, Hook, Eye Snap & Dock Line Spring



Page: R•134

### Rope Pulleys, Clamps & Guides



Page: R•135

### Hatch & Windshield Fasteners & Axe Bracket



Page: R•136

### Boat Hooks, Buoy Holders, Eye Straps & Spring Clamps



Page: R•137

### Hatch Adjusters, Braces & Fasteners



Page: R•138

### Windshield Adjusters



Page: R•139

### Hold-Down Clamps



Page: R•140

### Hasps



Page: R•141

### Butt Hinges



Pages: R•142-144

### Hinges



Pages: R•145-146

### Hinges & Hatch Trim



Page: R•147

### Barrel & Ship Bolts



Page: R•148





### Cabin Door Hooks



Page: R•149

### Door Stops, Holders & Buttons



Page: R•150

### Door Catches & Slam Cam Bar



Page: R•151

### T-Handle Locks & Latches



Pages: R•152-153

### T-Handle Locks



Pages: R•154

### Flush Locks & Latches



Page: R•155

### Flush Locks & Latches



Page: R•156

### Slam Latches



Page: R•157

### Shower Door Latches



Page: R•158

### Determining the Hand of a Latch



Page: R•159

### Mortise Locks & Latches



Page: R•160-161

### Flush Locks & Latches



Page: R•162

### Lock & Latch Sets



Page: R•163

### Lock & Latch Sets



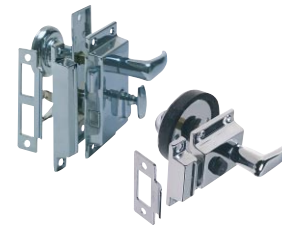
Page: R•164

### Lock & Latch Sets



Page: R•165

### Lock & Latch Sets



Page: R•166

### Lock & Latch Sets



Page: R•167

### Square Hatch Dogs



Page: R•168

### Round Hatch Dogs



Page: R•169

### Cupboard Bolt, Turn, Catch & Latches



Page: R•170



### Cabinet Lock, Pull and Catches



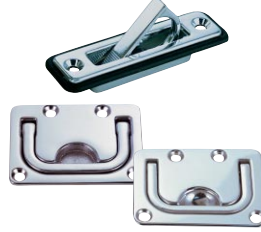
Page: R•171

### Catches, Knob & Pulls



Page: R•172

### Pulls & Lifting Handles



Page: R•173

### Flush Pulls



Page: R•174

### Pulls & Window Handle



Page: R•175

### Door/Window Stops & Fasteners



Page: R•176

### Table Brackets & Utility Hooks



Page: R•177

### Utility Hook, Boat Covers Sockets & Fasteners



Page: R•178

### Fishing Rod Holders



Page: R•179

### Fishing Rod Holders



Page: R•180

### Clamp-On Rod Holders



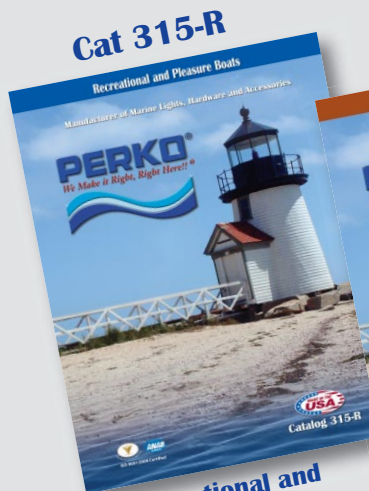
Page: R•181

### Fishing Rod Holders Accessories

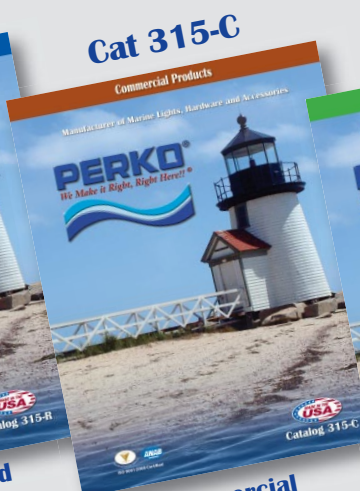


Page: R•182

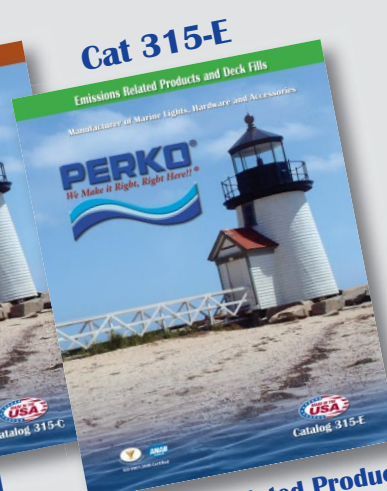
Look for the complete line of **PERKO®** products



Recreational and Pleasure Boats



Commercial Products



Emissions Related Products and Deck Fills

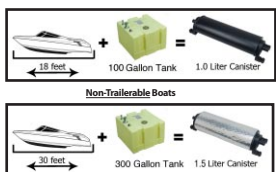


**Carbon Canister Overview**



Page E•4

**Carbon Canister Sizing**



Page E•5

**Carbon Canister Ordering Information**



Page E•7

**In-Hose Inlet Check Valve**



Page E8

**Special Application ICV's**



Page E9

**Inlet Check Valves**



Page E10

**Surge Protector**



Page E11

**Threaded Fill Limit Valves**



Page E•12

**Threaded Fill Limit Valves**



Page E•13

**Swivel Fill Limit Valves**



Page E•14

**Custom Fill Limit Valves**



Page E•15

**Threaded Tank Vent Valves**



Page E•16

**Threaded & Swivel Tank Vent Valves**



Page E•17

**Air/Fuel Separator**



Page E•18

**P-Traps**



Page E•19

**Angled Tank Line Vents**



Page E•20

**Straight Tank Line Vents**



Page E•21

**Tank Line Vents**



Page E•22

**EPA Gas Fills and Matching Diesel, Water & Waste Fills**



Page E•23

**EPA Gas Fills and Matching Diesel & Water Fills**



Page E•24



### Diesel, Water & Waste Fills



Page E•25

### EPA Gas Fills and Matching Diesel & Water Fills



Page E•26

### Diesel, Water & Waste Fills



Page E•27

### EPA Gas Fills and Matching Diesel, Water & Waste Fills



Page E•28

### EPA Gas Fills and Matching Water Fills



Page E29

### Vented Fills for 2" Hose



Page E•30

### Non-EPA Gas Fills



Page E•31

### Non-EPA Gas Fills & Vented Water Fills



Page E•32

### Non-EPA Gas Fills & Diesel, Water & Waste Fills



Page E•33

### Non Vented Fills



Page E•34

### Non-EPA Gas, Diesel, Water & Waste Deck Plates



Page E•35

### Locking Insert, Caps & Accessories



Page E•36

### Deck Plate Keys



Page E•37

### Replacement Caps for Non-EPA Systems



Page E•38

### Replacement Caps for EPA Compliant Systems



Page E•39





	PAGE
<b>A</b>	
All Round Lights.....	C•10-35
Anchor Lights.....	C•10-35
Assemblies, Control .....	C•41-44,47-58
Axe Brackets .....	C•95
<b>B</b>	
Barrel Bolts .....	C•96
Barge Light, Special .....	C•28
Basket Strainer.....	C•72-78
Battery Switches .....	C•65-70
Bells, Fog.....	C•71
Boat Hook Holder.....	C•95
Brackets, Axe .....	C•95
Breakdown Lights.....	C•10-35
Bulbs, Electric .....	C•39,40,46,50,60,61
<b>C</b>	
Certification of Lights .....	C•9
Cleats.....	C•94
Clamps .....	C•96
Control Assemblies .....	C•41-44,47-58
Cylinder, Transparent .....	C•72-79
<b>D</b>	
Deck Plate .....	C•94
Dome Lights .....	C•36-38
Door Hooks .....	C•97
<b>E</b>	
Electric Bulbs.....	C•39,40,46,50,60,61
Electric	
Cabin Fixtures .....	C•36-38
Sockets .....	C•38,40,49,61
Switches .....	C•65-70
<b>F</b>	
Filters, Water .....	C•72-79
Fixtures	
Light .....	C•36-38
Electric Cabin .....	C•36-38
Flush Locks .....	C•85-93
Fog Bells.....	C•71
<b>G</b>	
Garboard Drain Plugs .....	C•81
General Information .....	C•4
Globes .....	C•34,40
Grab Rails.....	C•95
<b>H</b>	
Halogen Bulbs .....	C•50,61
Hasp .....	C•96
Hatch Dogs .....	C•92,93
Hold Down Clamps .....	C•95,96
Holder, Boat Hook.....	C•95
Hooks, Utility" .....	C•97
<b>L</b>	
Lenses.....	C•40
Light Selection Chart .....	C•8
Lights	
All-Round.....	C•10-35
Anchor .....	C•10-35
Breakdown .....	C•10-35
Dome.....	C•36-38
Flashing Yellow .....	C•28
Led's .....	C•10-17
Mast.....	C•10-35
Masthead .....	C•10-27,30-35
Not Under Command .....	C•10-35

L Continued	PAGE
Panama.....	C•28
Range .....	C•10-35
Searchlights.....	C•41-64
Side .....	C•10-25
Signal .....	C•10-29
Stern .....	C•10-27,30-35
Towing.....	C•10-27,30-35
Locks & Latches.....	C•85-93
<b>M</b>	
Mast Lights .....	C•10-35
Masthead Lights.....	C•10-27,30-35
<b>N</b>	
Navigation	
Light Selection Chart.....	C•8
Lights.....	C•10-35
<b>P</b>	
Panama Canal Light .....	C•28
PERKO Story.....	C•2,3
Pipe Adapters .....	C•83
Posts, Grab Rail.....	C•95
<b>R</b>	
Range Lights .....	C•10-35
Ring Buoy Holder .....	C•95
<b>S</b>	
Sales Representatives .....	C•5
Searchlights	
Bulbs.....	C•46,49,50,60,61
Control Assemblies.....	C•41-43,47,51,54-58
Incandescent .....	C•50,60,61
Xenon .....	C•46
Deck Control .....	C•41-43,47,48,51,52,62
Electric Control .....	C•44,47,48,58
Lever Control .....	C•41-43,44,47,48,51,54-57,62-64
Lever/Gear Control.....	C•47,48,51,56,57,62
Sealed Beam .....	C•62-64
Wheel Control .....	C•47,48,51,56,57
Side Lights.....	C•10-35
Seacocks.....	C•82
Signal Lights.....	C•10-35
Sockets.....	
Electric .....	C•38,40,49,61
Searchlights .....	C•49,61
Stern Lights .....	C•10-27,30-35
Strainers, Water	
Flushing .....	C•78,79
Heavy Duty .....	C•72
Intake .....	C•72-78
Pump .....	C•80
Scoop .....	C•80
Switches	
Battery .....	C•66-70
Socket .....	C•36-38
<b>T</b>	
Thru-hulls.....	C•84
Towing Lights.....	C•10-35
<b>W</b>	
Warranty Information .....	C•4
Water Strainers,	
Flushing .....	C•78,79
Heavy Duty .....	C•72
Intake .....	C•72-78
Pump .....	C•80
Scoop .....	C•80



NUMERIC INDEX FOR CATALOGS 315-C, 315-E & 315-R

Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.
C= Commercial Cat. 315-C E= Emissions Cat. 315-E R= Recreational Cat. 315-R			0119MAR	R	183	0197	R	146	0265	R	78
0004	C	27	0120	R	146	0200	C	30	0266	C	81
0005	C	27	0124	R	116	0200	R	22	0266	R	116
0007	C	27	0125	R	39,57,58	0201	R	66	0268	R	66
0024	C	38	0126	E	34	0202	R	69	0269	C	40
0024	R	44,73	0127	C	71	0202MAR	R	183	0269	R	20
0030	E	38	0127	R	96	0203	R	69	0271	R	146
0030	R	68	0131	C	27	0203MAR	R	185	0272	R	146
0042	R	93	0132	C	36	0210	C	16	0273	R	66
0052	C	38	0132	R	75	0210	R	21	0276	C	38
0061	R	82	0133	C	28	0212	R	147	0277	R	66
0063	C	83	0134	C	40	0217	R	76	0278	R	66
0063	R	109	0134	R	25	0218	R	133	0280	R	78
0064	R	31	0135	R	26	0218MAR	R	183	0281	R	66
0065	C	80	0136	R	28	0219	R	133	0283	R	66
0065	R	107	0137	R	70	0219MAR	R	183	0284	R	66
0066	C	80	0139	R	28	0220	R	133	0285	R	115
0066	R	107	0140	R	70	0220MAR	R	183	0290	C	27
0067	C	39	0142	R	115	0221	R	133	0294	C	40
0067	R	67	0143	C	25	0221MAR	R	183	0295	R	66
0068	R	42	0144	C	71	0222	R	23	0296	R	66
0069	C	39	0144	R	96	0224	R	23	0297	R	66
0069	R	67,79	0145	R	70	0227	R	17	0298	R	66
0070	C	39	0148	R	177	0228	R	16	0300	C	38
0070	R	67,79	0149	R	147	0229	R	13	0300	R	73
0071	C	39	0150	C	71	0232	R	13	0301	R	112
0071	R	67	0150	R	96	0233	R	131	0303	C	40
0072	C	39	0152	R	147	0238	R	66	0305	C	62
0072	R	67	0155	R	138	0239	R	66	0309	C	29
0074	R	66	0158	C	71	0240	R	66	0313	C	62
0075	R	115	0158	R	97	0241	R	66	0314	C	63
0076	C	83	0159	R	97	0244	C	38	0315	R	100
0076	R	109	0162	R	95	0244	R	73	0318	C	37
0077	R	82	0163	R	94	0245	C	38	0318	R	76
0078	R	82	0164	R	94	0245	R	73	0322	C	84
0082	R	139	0165	R	94	0247	R	66	0322	R	111
0086	C	80	0166	R	96	0248	R	66	0323	R	113
0086	R	107	0170	C	34	0249	C	40	0325	C	95
0093	R	22	0170	R	18	0249	R	25	0325	R	136
0095	R	22	0170BMD	R	42	0252	R	15	0326	R	115
0106	C	40	0170LED	C	17	0253	R	14	0327	R	113
0106	R	20	0170SWB	R	36	0254	R	12	0328	R	112
0108	R	20	0171	C	71	0256	C	40	0329	R	77
0109	R	20	0171	R	96	0256	R	20	0330	R	98
0110	R	20	0172	C	71	0257	C	36	0331	R	111
0111	R	20	0172	R	96	0257	R	73,75	0333	R	113
0112	C	29	0174	R	82	0258	R	147	0334	R	99
0113	R	96	0175	R	83	0259	C	40	0335	R	99
0114	R	14,15	0176	R	82	0259	R	66	0336	R	99
0119	R	123	0178	R	80	0260	R	66	0337	C	39
			0179	C	71	0261	C	40	0337	R	67,79
			0179	R	97	0261	R	66	0338	C	39
			0181	R	81	0264	R	29	0338	R	67



NUMERIC INDEX FOR CATALOGS 315-C, 315-E & 315-R



Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.
0339	R	100	0440	C	64	0520	E	33	0575	R	174
0340	C	39	0440	R	86	0524	E	35	0576	E	30
0340	R	67,79	0441	R	95	0525	E	36	0577	E	30
0341	C	24,25	0443	C	77	0526	C	94	0577MAR	R	184
0342	C	40	0443	R	103	0526	R	118	0578	R	178
0343	R	113	0447	R	179	0527	E	34	0579	E	30
0344	R	127	0447MAR	R	184	0528	E	34,35	0579MAR	R	184
0347	C	40	0448	R	179	0528MAR	R	184	0580	E	24,31
0348	C	84	0452	R	179	0530	C	94	0581	E	24,31
0348	R	111	0454	C	28	0530	R	121	0582	E	26,31
0349	R	95	0455	C	34	0534	C	64	0583	E	26,31
0350	C	84	0455	R	43	0534	R	86	0584	E	9,10
0350	R	110	0456	C	79	0535	C	64	0586	E	12,13,14
0351	R	127	0456	R	101	0535	R	86	0588	E	16,17
0354	C	62	0457	C	79	0537	E	30,36	0590	E	29,31
0355	C	62	0457	R	101	0538	C	64	0591	E	29,31
0357	R	124	0461	R	95	0538	R	86	0593	C	78
0361	R	114	0462	C	68,69	0539	C	94	0593	R	102
0362	R	44	0462	R	90	0540	E	23,29,31,36	0594	C	76
0363	C	81	0465	C	71	0540MAR	R	184	0597	E	21
0363	R	116	0465	R	96	0541	E	23,31	0598	E	20
0365	R	115	0466	R	43	0541MAR	R	184	0599	E	34
0367	C	40	0477	R	68	0542	E	29,31	0602	R	12
0370	C	81	0480	R	182	0543	E	29,31	0606	R	69
0371	R	44	0481	R	182	0544	R	120	0607	R	69
0372	R	77	0482	R	182	0545	C	94	0608	R	125
0372MAR	R	183	0483	R	182	0545	R	120	0609	R	70
0373	C	40	0484	R	182	0547	C	94	0610	C	97
0374	C	40	0485	E	4 to 7	0550	R	98	0610	R	177
0375	C	39	0488	E	18	0551	E	25,31	0615	R	11
0375	R	67	0492	R	137	0552	E	27,31	0616	R	11
0377	R	114	0493	C	74	0553	E	11	0617	R	11
0378MAR	R	183	0493	R	104	0554	R	151	0619	R	13
0380	C	95	0494	C	64	0555	C	36	0622	R	13
0380	R	124	0494	R	86	0555	R	75	0627	R	17
0390	R	61	0495	R	133	0556	E	23	0628	R	16
0390MAR	R	184	0499	R	118	0557	E	23,31	0630	E	19
0391	R	61	0500	C	74	0559	R	151	0634	R	135
0391MAR	R	184	0500	R	104	0561	E	20	0635	E	8
0392	R	61	0501	R	127	0562	R	137	0640	E	23
0393	R	61	0502	R	137	0563	E	28	0641	E	23
0393MAR	R	184	0503	E	22	0564	E	29,31	0642	E	29
0394	R	60	0504	R	118	0565	R	135	0643	E	29
0394MAR	R	184	0505	E	22	0566	R	121	0652	R	15
0403	C	29	0506	E	21	0567	C	89	0653	R	14
0404	R	180	0507	E	33	0567	R	167	0660	E	23
0412	C	29	0509	E	22	0568	E	25	0661	E	23
0420	R	96	0510	R	100	0569	E	27	0662	E	29
0424	R	94	0513	E	33,34,35	0570	E	21	0662	E	29
0427	R	132	0514	C	36	0571	E	20	0675	R	157
0428	R	132	0514	R	93	0572	R	119	0680	E	24
0432	R	79	0515	E	22	0572MAR	R	184	0681	E	24
0433	R	86	0518	E	20,21	0574	R	150	0682	E	26



NUMERIC INDEX FOR CATALOGS 315-C, 315-E & 315-R

Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.
0683	E	26	0775	R	128	0866	C	49	0929	R	165
0688	R	93	0776	R	173	0869	R	178	0930	R	164
0690	E	28	0776MAR	R	184	0870	R	100	0931	R	155
0691	E	28	0777	C	92	0872	C	49,61	0932	R	155
0693	C	72	0777	R	168	0873	C	49,61	0934	R	176
0697	R	136	0777MAR	R	184	0874	C	61	0935	R	176
0701	C	36,38	0778	C	93	0875	C	61	0937	R	176
0701	R	93	0778	R	169	0876	C	61	0938	R	171
0706	C	86	0780	E	24	0878	C	61	0939	R	44
0706	R	160	0781	E	24	0879	C	61	0939MAR	R	184
0707	R	98	0782	E	26	0880	C	49,61	0941	R	142
0709	C	80	0783	E	26	0883	C	53	0942	R	143
0709	R	107	0786	R	93	0884	C	55	0945	R	45
0710	C	86	0790	E	28	0885	C	57	0946	R	45
0710	R	160	0791	E	28	0887	C	58	0946MAR	R	184
0711	C	88	0797	R	138	0889	C	50	0947	C	96
0711	R	162	0805	C	82	0889	C	59	0947	R	148
0712	C	87	0805	R	108	0890	C	50,59	0948	R	170
0712	R	161	0806	C	50,60	0891	C	59	0949	R	143
0714	C	81	0807	C	50,60	0893	C	49	0951	R	144
0714	R	116	0808	R	144	0894	C	49	0952	R	143
0715	C	88	0809	C	50,60	0895	C	49	0953	C	89
0715	R	162	0810	C	50,60	0896	R	178	0953	R	166
0716	C	87	0811	C	60	0897	C	49	0954	R	175
0716	R	161	0816	C	60	0898	R	178	0955	R	27
0719	R	176	0817	C	60	0899	C	49	0956	C	97
0721	C	80	0820	C	60	0901	R	178	0956	R	149
0721	R	107	0825	C	83	0902	C	59	0957	R	147
0722	C	80	0825	R	109	0903	R	124	0958	R	175
0722	R	107	0826	E	37	0904	R	27	0959	C	96
0730	C	86	0828	R	129	0905	C	50,59	0959	R	149
0730	R	160	0829	R	129	0907	R	178	0960	R	167
0731	C	88	0830	R	129	0908	C	59	0962	C	89
0731	R	162	0831	R	129	0912	C	89	0962	R	164,166,167
0737	C	81	0832	R	129	0912	R	163,164, .....165,166,167	0963	R	26
0737	R	116	0833	R	129	0913	C	89	0964	R	26
0740	R	158	0834	C	82	0913	R	166,167	0965	R	26
0742	C	81	0834	R	108	0915	R	27	0966	R	176
0743	R	158	0835	C	82	0918	C	89	0967	R	136
0744	R	158	0835	R	108	0918	R	166	0968	R	165
0750	R	126	0836	C	60	0918	R	166	0969	C	57,62
0750MAR	R	184	0837	C	50,60	0919	C	89	0972	R	26
0752	R	125	0839	C	50,60	0919	R	166	0975	C	97
0753	C	36	0841	R	174	0920	C	89	0975	R	177
0753	R	75	0844	C	50,60	0920	R	163,164, .....165,166	0976	R	164,166,170
0755	R	125	0845	C	50,60	0921	R	171	0977	R	165
0757	R	126	0846	C	50,60	0924	R	146	0978	R	170
0759	R	134	0847	C	50	0925	R	172	0980	R	171
0762	R	138	0848	C	50	0926	R	172	0984	C	89
0763	R	138	0851	C	55,62	0927	C	89	0984	R	163,164, .....165,166,170
0769	R	136	0852	C	57,62	0927	R	167	0987	R	145
0770	R	136	0859	C	50	0928	R	164	0988	R	145
0771	R	140	0860	C	50,60						

13





NUMERIC INDEX FOR CATALOGS 315-C, 315-E & 315-R



Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.	Fig. No.	Cat. Type	Page No.
0991	R	163	1079	C	11	1137	R	36	1216	R	150
0992	R	163	1080	C	11	1138	R	36	1217	R	150
0994	R	178	1081	R	156	1143	C	20,21,23,29	1218	R	29
0995	R	163,165	1082	R	156	1146	R	71	1220	R	173
0996	R	178	1085	R	154	1146MAR	R	184	1221	R	173
0997	R	178	1089	R	155	1149	R	71	1222	R	128
0998	C	96	1091	C	90,91	1150	C	24	1223	R	123
0998	R	141	1091	R	152	1151	C	24	1226	R	135
0999	R	145	1092	C	90,91	1152	C	24	1227	R	130
1002	R	142	1092	R	152	1153	C	24	1230	C	71
1004	R	142	1093	R	152	1156	R	70	1230	R	96,123
1008	C	95	1097	R	157	1157	R	74	1231	R	128
1008	R	140	1099	R	180	1158	R	39,57	1232	R	174
1015	R	127	1100	R	180	1161	R	28	1234	R	128
1016	R	175	1101	R	170	1164	C	21	1235	R	125
1017	C	95	1102	R	170	1165	C	21	1236	R	37
1017	R	137	1103	R	174	1166	C	21	1238	R	98
1021	R	171	1104	R	180	1167	C	21	1239	R	165
1028	R	164	1105	C	20,21,23,24,25,26	1168	C	21	1240	R	165
1029	R	165	1105	R	25	1169	C	20	1241	E	37
1030	R	164	1106	C	97	1170	C	20	1242	R	137
1031	R	155	1106	R	177	1172	C	20	1243	R	135
1032	R	155	1108	R	140	1173	C	20	1244	R	148
1033	R	72	1109	C	38	1174	C	20	1246	R	134
1040	R	78	1110	R	175	1177	R	150	1247	E	37
1043	R	127	1111	C	28	1178	R	39	1248	C	94
1044	R	72	1112	C	96	1179	R	139	1248	E	37
1045	R	62	1112	R	140	1180	R	139	1249	R	178
1046	R	62	1113	C	21,96	1181	R	39	1252	R	121
1047	R	62	1113	R	140	1183	R	39	1253	C	38
1048	R	62	1116	R	139	1184	R	39	1253	R	73
1049	R	62	1118	R	181	1185	R	131	1254	R	73
1050	R	127	1119	C	20,21,23,24,25,26,28	1186	R	131	1256	R	135
1051	R	172	1119	R	25	1187	R	131	1258	C	38
1052	R	41	1123	R	57	1188	R	119	1258	R	73
1053	R	148	1123-99A	R	64	1189	R	93	1260	C	38
1054	R	41	1124	R	57	1190	R	93	1260	R	73
1056	R	171	1124-99A	R	64	1191	R	94,149	1261	R	135,149
1057	R	126	1125	R	58	1192	R	68	1262	R	130
1058	R	41	1125-99A	R	64	1194	R	141	1263	C	36
1059	R	62	1127	C	26	1196	R	39	1263	R	75
1059T	R	64	1127	R	25	1197	R	39	1264	R	29
1060	R	62	1128	C	26	1198	R	141	1267	R	130
1060T	R	64	1128	R	25	1201	R	39	1269	E	33
1065	R	150	1129	C	26,28	1205	R	180	1270	E	33
1068	R	165	1129	R	25	1209	R	58	1271	R	98
1071	R	156	1130	C	26	1209-99A	R	64	1273	R	57
1072	R	156	1130	R	25	1210	R	119	1274	R	57
1074	R	72	1131	R	58	1211	R	31	1277	R	132
1075	C	91	1133	C	20,23	1212	R	31	1278	R	132
1075	R	151	1134	R	36	1213	R	145	1279	R	166
1077	C	11				1214	R	145	1280	R	166
1078	C	11				1215	R	181	1281	R	37



NUMERIC INDEX FOR CATALOGS 315-C, 315-E & 315-R

13

Fig. No.	Cat. Type	Page No.
1283	R	37
1284	R	37
1287	R	149
1289	R	134
1291	R	139
1293	R	144
1299	R	134
1301	R	36
1302	R	133
1303	R	76
1304	R	132
1305	R	122
1306	R	122
1309	R	134
1310	R	28
1311	R	58
1312	R	100
1313	E	32,34
1316	R	122
1318	E	32
1319	E	32
1322	R	133
1323	C	36
1323	R	75
1324	E	34,36
1325	R	127
1326	R	122
1327	R	132
1330	R	58
1331	R	44
1332	R	44
1336	R	128
1342	C	17
1343	R	50
1344	R	43
1345	C	17
1345	R	43
1346	R	128
1347	R	48
1348	R	50
1349	R	48
1353	C	96
1353	R	148
1354	C	96
1354	R	148
1355	C	37
1355	R	74
1356	C	37
1356	R	74
1357	C	37
1357	R	74
1358	C	37
1358	R	74

Fig. No.	Cat. Type	Page No.
1363	C	15,18,19,22
1364	C	19
1365	C	19
1366	C	19
1367	C	19
1368	C	19
1369	C	18
1370	C	18
1372	C	18
1373	C	18
1374	C	18
1377	C	12
1377	R	24
1378	C	12
1378	R	24
1379	C	12
1379	R	24
1380	C	12
1380	R	24
1381	C	12
1381	R	24
1384	C	14
1385	C	14
1386	C	14
1387	C	14
1388	C	14
1399	E	34
1400	R	54
1401	R	55
1403	R	55
1404	R	55
1418	E	29
1419	E	29
1421	R	31
1422	R	31
1440	R	56
1440L	R	51
1441	R	56
1441L	R	51
1442	R	49
1443	R	49
1445	R	56
1445L	R	51
1447	R	49
1450	R	56
1450L	R	51
1451	R	52
1452	R	53
1454	R	49
1455	R	56
1455L	R	51
1456	R	53
1459	R	49

Fig. No.	Cat. Type	Page No.
1460	R	53
1461	R	53
1465	R	53
1470	R	52
1601	R	28
1602	R	28
1604	R	35
1607	R	35
1608	R	34
1609	R	34
1611	R	55
1612	R	30
1613	E	32
1614	R	30
1617	R	30
1619	R	30
1622	R	56
1622L	R	51
1624	R	49
1625	R	58
1627	R	65
1628	R	65
1634	R	35
1636	R	34
1637	R	35
1638	R	35
1639	R	34
1642	R	34
1656	R	53
1673	R	57
1674	R	57
1678	R	39
1681	R	39
1683	R	39
1684	R	39
1696	R	39
1697	R	39
1901	C	48
1902	C	48
1921	C	48
1922	C	48
1925	C	48
1930	C	49
1931	C	49
1932	C	50
1936	C	50
8501	C	68
8501	R	90
8502	C	68
8502	R	90
8503	C	68
8503	R	90
8504	C	68

Fig. No.	Cat. Type	Page No.
8504	R	90
8511	C	67
8511	R	89
8512	C	67
8512	R	89
8603	C	70
8603	R	92
9304	C	42
9501	C	44
9504	C	44
9506	C	44
9508	C	44
9510	C	45
9511	C	44
9512	C	44
9514	C	44
9521	C	44,45
9530	C	44
9551	C	44
9560	C	46
9563	C	46
9565	C	46
9566	C	46
9581	C	45
9582	C	45
9601	C	69
9601	R	91
9602	C	69
9602	R	91
9603	C	69
9603	R	91
9604	C	69
9604	R	91
9611	C	67
9611	R	89
9612	C	67
9612	R	89
9703	C	70
9703	R	92
9854	C	43

**WE ARE MEMBERS OF THE FOLLOWING ASSOCIATIONS:**

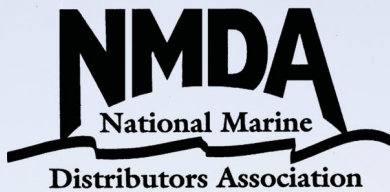
American Boat & Yacht Council, Inc.  
Charter Member



National Marine  
Manufacturers Association



National Marine Distributors As-  
sociation



Marine Industries  
Association of South Florida



---

***Manufacturer of Marine Lights, Hardware and Accessories***

**Street Address:**

16490 Northwest 13th Avenue  
Miami, Florida 33169-5707

**Telephone Number:** (305) 621-7525

**Fax Number:** (305) 620-9978

**Mailing Address:**

P.O. Box 64000D  
Miami, Florida 33164-0510

**e-mail:** [sales@perko.com](mailto:sales@perko.com)

**Website:** [www.perko.com](http://www.perko.com)

A large, white, rectangular sign is mounted on a metal post. The sign features the word "PERKO" in a large, bold, blue, sans-serif font. Below the word "PERKO" is a stylized blue and white wave graphic. The sign is set against a background of a grassy area and a building.

Manufacturer of Marine Lights, Hardware and Accessories

