



## Perko Navigation Lights

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### CERTIFICATIONS:

- USCG 2nm
- CE

### FIG. 0108 ALL-ROUND LIGHT CERTIFIED FOR USE ON POWER DRIVEN VESSELS UNDER 20 METERS (65.6 FT.) IN LENGTH



FIG. 0108

### CONSTRUCTION:

- BLACK PLASTIC WITH FESTOON TYPE ELECTRICAL SOCKET

ORDERING INFO		
Description	Standard Pkg. - 1 Pc.	Ship Wt. Carton Lbs. Std. Pkg.
White All-Round	0108000BLK*	1.0
Red All-Round	0108R00BLK	1.0
Green All-Round	0108G00BLK	1.0

TECH INFO
12, 24 or 32 Volt (Bulb Not Included)
Height Overall: 6"
O.D. Base: 3-1/8"
Tapped Pipe Size: 1/2"***
Screw Size: #10

\*This Light is Supplied with a Gray Tinted Globe.

\*\*Base Removable for Surface Mounting.

### CERTIFICATIONS:

- A-16 Replacement Only
- CE

### FIGS. 0112B & 0309B ALL-ROUND LIGHTS - CERTIFIED FOR REPLACEMENT USE ONLY ON POWER DRIVEN VESSELS UNDER 20 METERS (65.6 FT.) IN LENGTH

FIG. 0112B



FIG. 0309B

### CONSTRUCTION:

- CAST BRONZE
- MEDIUM SCREW BASE TYPE ELECTRICAL SOCKET

ORDERING INFO		
Description	Plain Bronze Standard Pkg. - 1 Pc.	Ship Wt. Carton Lbs. Std. Pkg.
White All-Round	0112B00PLB	2.5
Red All-Round	0112RB0PLB	2.5
Green All-Round	0112GB0PLB	2.5
Yellow All-Round	0112MB0PLB	2.5
White All-Round	0309B00PLB	1.8
Red All-Round	0309RB0PLB	1.8
Green All-Round	0309GB0PLB	1.8
Yellow All-Round	0309MB0PLB	1.8

TECH INFO
12 or 32 Volt (Bulb Not Included)
2 Mile Visibility
0112
Height Overall: 8-3/4"
O.D. Base: 3-1/8"
Screw Size: #8
0309
Height Overall: 6-1/2"
Tapped Pipe Size: 1/2"

### SPARE PARTS ORDERING INFORMATION FOR FIGS. 0108, 0112 & 0309

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

Required Bulbs Fig 0108:  
12 Volts (2 Per Card): 0070DP1CLR.  
24 Volts (2 per Card): 0067DP2CLR.  
32 Volts (2 per Card): 0070DP2CLR.

Required Bulbs Fig 0112 & 0309:  
12 Volts for White and Yellow: 0340005FRD.  
12 Volts for Red and Green: 0340006FRD.  
32 Volts for White and Yellow: 0340011FRD.  
32 Volts for Red and Green: 0340012FRD.

Spare Medium Screw Base Socket: 0226.  
Spare Base and Gasket for Fig. 0108: 0222DP0BLK.

## Perko Navigation Lights

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### CERTIFICATIONS:

- CE



FIG. 1111

### FIG. 1111 - FLASHING YELLOW LIGHT FOR USE ON VESSELS OF ANY LENGTH

#### 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

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

#### TECH INFO

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

#### 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.

#### SPARE PARTS ORDERING INFORMATION

Flasher: 0133.  
Medium Prefocus Socket: 0347A00.  
O-Ring for Cap: 1119.  
Access Cap, O-Ring and Retainer: 1105000BLK.  
Lens: 0256001YLW.

### CERTIFICATIONS:

- UL 1104 - 2nm
- CE



### FIGS. 0112A & 0309A - ALL ROUND LIGHTS CERTIFIED FOR USE ON VESSELS 20 METERS (65.6 FT.) TO 50 METERS (164.0 FT.) IN LENGTH

#### CONSTRUCTION:

- CAST BRONZE, PLAIN OR CHROME PLATED
- COMPLETE WITH DOUBLE CONTACT ELECTRICAL SOCKET



FIG. 0112A

#### 0112 ORDERING INFO

Description	Plain	Chrome Plated	Ship Wt. Carton Lbs. Std. Pkg. 1 Pc.
	Bronze	Bronze	
White All-Round	0112A00PLB	0112A00CHR	2.3
Red All-Round	0112RA0PLB	0112RA0CHR	2.3
Green All-Round	0112GA0PLB	0112GA0CHR	2.3
Yellow All-Round	0112MA0PLB	0112MA0CHR	2.3

#### TECH INFO

Bulb: 12, 24, 32 or  
120 Volt (Not Included)  
Visibility: 2 Miles  
  
Height Overall: 8-3/4"  
Dia. Base: 3-1/8"



FIG. 0309A

#### 0309 ORDERING INFO

Description	Plain	Chrome Plated	Ship Wt. Carton Lbs. Std. Pkg. 1 Pc.
	Bronze	Bronze	
White All-Round	0309A00PLB	0309A00CHR	1.7
Red All-Round	0309RA0PLB	0309RA0CHR	1.7
Green All-Round	0309GA0PLB	0309GA0CHR	1.7
Yellow All-Round	0309MA0PLB	0309MA0CHR	1.7

#### TECH INFO

Bulb: 12, 24, 32 or  
120 Volt (Not Included)  
Visibility: 2 Miles  
  
Height Overall: 6-1/2"  
Tapped Pipe Size: 1/2"

#### IMPORTANT BULB DATA

To comply with UL Standard 1104, these lights must use a PERKO Cat. No. 0374 bulb.

#### SPARE PARTS ORDERING INFORMATION

<b>Lenses:</b>	<b>Required Bulbs:</b>
Red: 0106000RED.	12 Volt: 0374001CLR.
Green: 0106000GRN.	24 Volt: 0374002CLR.
White: 0106000WHT.	32 Volt: 0374003CLR.
Yellow: 0106000YLW.	120 Volt: 0374004CLR.
Double Contact Bayonet Socket: 0276002.	



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# HUMCO LIGHTS

## Perko Navigation Lights

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**CERTIFICATIONS:**  
• A-16 Replacement Only  
• CE

**FIGS. 0004F, 0005F, 0007F LIGHTS - CERTIFIED FOR REPLACEMENT USE ON POWER DRIVEN VESSELS UNDER 20 METERS (65.6 FT.) IN LENGTH**

**CONSTRUCTION:**

- GALVANIZED STEEL SHEET METAL OR POLISHED BRASS
- BOTTOM OPENING, COMPLETE WITH MOUNTING BRACKET



FIG. 0007F



FIG. 0004F



FIG. 0005F



FIG. 0007MF

Description	Visibility Arc	Material		Visibility Miles	Ship Wt.
		Galvanized Steel	Polished Brass		Carton Lbs. Standard Pkg.
Side Lights (Pair)	112-1/2°	0004F03GAL	0004F03POL	2	4.6
Red Side Light	112-1/2°	0004RF3GAL	0004RF3POL	2	2.7
Green Side Light	112-1/2°	0004GF3GAL	0004GF3POL	2	2.5
White Masthead Light	225°	0005F03GAL	0005F03POL	3	2.7
White Stern Light	135°	0007F03GAL	0007F03POL	2	2.6
Yellow Towing Light	135°	0007MF3GAL	0007MF3POL	2	2.6

**TECH INFO**  
12 or 32 Volt (Bulb Not Included)  
Screw Size: #10  
Height Overall: 8-1/2"  
Height Lens: 5-1/8"  
Required Bulbs:  
12 Volt Bulbs (2 per card):  
0070DP1CLR.  
32 Volt Bulbs (2 per card):  
0070DP2CLR.

**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: 0290F03.

FIG. 0290



## SPARE PARTS

FOR NAVIGATION LIGHTS ON VESSELS UNDER 20 METERS (65.6 FT.) IN LENGTH

**FIGS. 0052 & 0276 - DOUBLE CONTACT BAYONET SOCKETS**  
BRASS, WITH WIRE LEADS - FIG. 0276 TAPPED FOR 1/8 INCH PIPE

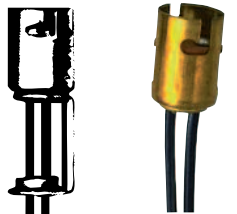


FIG. 0276



FIG. 0052

Socket Length Inches	Wire Length Inches	Pkg.		Ship Wt. Carton Lbs. Std. Pkg./DP
		Standard Pkg. - 5 Pcs.	Dealer Pkg. - 10 Cards 1 Pc. per Card	
1	6	-----	0052DP	--/0.8
1-1/2	6	0276000	-----	0.2/--
2	6	0276002	-----	0.2/--
2-3/8	6	0276003	-----	0.3/--

**FIG. 0024 - DOUBLE CONTACT BAYONET SOCKET**  
BLACK PLASTIC BODY



FIG. 0024

Length Pigtail Inches	O.D. Inches	Pkg.		Ship Wt. Carton Lbs. Dealer Pkg.
		Dealer Pkg. - 10 Cards 1 Pc. per Card		
10	3/4	0024DP1		0.7
60	3/4	0024DP2		1.4

**FIG. 1109 - SINGLE CONTACT BAYONET SOCKET - BRASS BODY**



FIG. 1109

Length Pigtail Inches	Length Socket Inches	O.D. Inches	Pkg.	
			Dealer Pkg. - 10 Cards 1 Pc. per Card	Ship Wt. Carton Lbs. Dealer Pkg.
6	5/8	3/8	1109DP	0.6

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# HUMCO LIGHTS

## Perko Navigation Lights

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### CERTIFICATIONS:

- USCG 2nm
- USCG 5nm
- UL 1104
- CE



### FIGS. 1127 - 1130 SERIES LIGHTS

CERTIFIED FOR USE ON VESSELS

20 METERS (65.6 FT.) TO 50 METERS (164.0 FT.) IN LENGTH

### CONSTRUCTION:

- BLACK PLASTIC
- 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	Std. Pkg. 1 Pc.	Ship Wt.
				Carton Lbs. Standard Pkg.
Red Side Light	112-1/2°	2	1127RA0BLK	2.7
Green Side Light	112-1/2°	2	1127GA0BLK	2.7
White Masthead Light	225°	5	1128A00BLK	2.6
White Stern Light*	135°	2	1129A00BLK	2.7
Yellow Towing Light	135°	2	1129MA0BLK	2.7
White All-Round Light*	360°	2	1130A00BLK	2.5
White All-Round Light**	360°	5	1130HA0BLK	2.5
Red All-Round Light	360°	2	1130RA0BLK	2.5
Green All-Round Light	360°	2	1130GA0BLK	2.5
Yellow All-Round Light	360°	2	1130MA0BLK	2.5

### 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"

Special lights to meet local requirements are available upon request

\*These lights are supplied with a Gray Tinted Lens

\*\*For Great Lakes use



**FIG. 1127**  
**RED & GREEN SIDE LIGHTS**  
**112-1/2 DEGREES**



**FIG. 1128**  
**MASTHEAD LIGHT**  
**225 DEGREES**



**FIG. 1129**  
**STERN OR**  
**TOWING LIGHT**  
**135 DEGREES**



**FIG. 1130**  
**ALL-ROUND**  
**LIGHT**  
**360 DEGREES**

### IMPORTANT BULB DATA

To comply with UL Standard 1104, the lights listed on this page must use a PERKO Cat. No. 0374 bulb.

### SPARE PARTS ORDERING INFORMATION

**Lens Assemblies:**  
Red: 0249000RED  
Green: 0249000GRN  
White: 0249000CLR  
Gray: 0249000GRY  
Yellow: 0249000YLW

**Required Bulbs:**  
12 Volt: 0374001CLR  
24 Volt: 0374002CLR  
32 Volt: 0374003CLR  
120 Volt: 0374004CLR

**Other Parts:**  
O-Ring for Cap: 1119  
Double Contact Socket: 0134  
Access Cap, O-Ring and Retainer: 1105000BLK



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## Perko LED Navigation Lights



See Below



### 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

#### CONSTRUCTION:

- Black Polymer
- Pre-Wired with 3 Feet of 16/3-SO Cable
  - Sealed Cap
- No User Serviceable Parts Inside

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ORDERING INFO					TECH INFO
Description	Visibility Arc	Visibility Miles	Black Polymer Std. Pkg. 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.	
Red Side Light	112-1/2°	2	1377R00BLK	3.2	<ul style="list-style-type: none"> <li>• L.E.D.: Operates on 12 or 24 Volt D.C. System</li> <li>• Screw Size: 1/4"</li> </ul> Dimensions: <b>Figs 1377, 1379 &amp; 1380</b> <ul style="list-style-type: none"> <li>• Height Overall: 6-3/4"</li> <li>• Width Overall: 5-3/8"</li> </ul> <b>Fig. 1378</b> <ul style="list-style-type: none"> <li>• Height Overall: 8-1/2"</li> <li>• Width Overall: 5-3/8"</li> </ul>
Green Side Light	112-1/2°	2	1377G00BLK	3.2	
White Masthead Light	225°	5	1378000BLK	3.1	
White Stern Light	135°	2	1379000BLK	3.2	
Yellow Towing Light	135°	2	1379M00BLK	3.2	
White All-Round Light	360°	2	1380000BLK	3.0	
White All-Round Light**	360°	5	1380H00BLK	3.0	
Red All-Round Light	360°	2	1380R00BLK	3.0	
Green All-Round Light	360°	2	1380G00BLK	3.0	
Yellow All-Round Light	360°	2	1380M00BLK	3.0	

Special lights to meet local requirements are available upon request

\*\*For Great Lakes use



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

**Fig. 1378**  
Masthead Light

**Fig. 1379**  
Stern Light

**Fig. 1379**  
Towing Light

**Fig. 1380**  
All-Round Light



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# HUMCO LIGHTS

## Perko Navigation Lights

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### FIGS. 1150 - 1154 SERIES 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

#### CERTIFICATIONS:

- UL 1104 - 2nm
- UL 1104 - 3nm
- UL 1104 - 5nm
- UL 1104 - 6nm
- CE



#### 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	6.3
Green Side Light	1150GE1GAL	112-1/2°	2	0342002CLR	6.3
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	1153E01GAL	360°	2	0342001CLR	6.7
Red All-Round Light	1154RE1GAL	360°	2	0342004CLR*	6.7
Green All-Round Light	1154GE1GAL	360°	2	0342003CLR	6.7
Yellow All-Round Light	1154ME1GAL	360°	2	0342002CLR	6.7

##### 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
Green All-Round Light	1154GE2GAL	360°	3	0342004CLR*	10.6

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

#### TECH INFO

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



Fig. 1150



Fig. 1151



Fig. 1152



Fig. 1153

Fig. 1154

As seen in  
1938 Catalog



FIG. 1150

FIG. 1151

FIG. 1152

FIG. 1153

FIG. 1154

#### IMPORTANT BULB DATA

To comply with UL Standard 1104, the lights listed on this page must use a PERKO Cat. No. 0342 bulb.

#### SPARE PARTS ORDERING INFORMATION

##### 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.



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## Perko Special Purpose Navigation Lights

**FIGS. 0403 & 0412 - SPECIALTY ALL-ROUND LIGHTS**  
**CERTIFIED FOR USE ON VESSELS OVER 20 METERS (65.6 FT.) IN LENGTH**

Fig. 0403  
Tapped For  
Pipe Mount



- CONSTRUCTION:**
- CAST BRONZE
  - WHITE, RED, GREEN OR YELLOW
  - MEDIUM PREFOCUS SOCKET

**FIG. 0403 - PIPE MOUNT**

**FIG. 0412 - HANGING MOUNT**



**CERTIFICATIONS:**

- UL 1104 - 3nm
- UL 1104 - 5nm
- CE

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**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



As seen in  
1938 Catalog



**FIG. 0403**

**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-SO cable.  
\*\*These lights are supplied with gray tinted lenses.

**IMPORTANT BULB DATA**

To comply with UL Standard 1104, these lights must use a PERKO Cat. No. 0342004CLR bulb.

**SPARE PARTS ORDERING INFORMATION**

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



**FIG. 0412**

**FIG. 1129 - PANAMA CANAL BLUE STEERING LIGHT**  
**CERTIFIED FOR USE ON VESSELS OF ANY LENGTH**

- BLACK PLASTIC
- PRE-WIRED DOUBLE CONTACT SOCKET WITH 3 FEET OF 16/3-SJO CABLE

**CONSTRUCTION:**

**ORDERING INFO**

Std. Pkg. - 1 Pc.	Visibility Arc	Ship Wt. Carton Lbs. Standard Pkg.
1129BA0BLK	135°	2.7

**IMPORTANT BULB DATA**

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

**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. Plastic Cap, O-Ring and Retainer: 1105000BLK.

**TECH INFO**

Bulb: 12, 24, 32 or  
120 Volt  
(Not Included)

Height Overall: 7-1/2"  
Height Lens: 4-1/4"

**CERTIFICATION:**

CE



**FIG. 1129**

**FIG. 0454 - PIPE MOUNT ALL-ROUND WHITE WHISTLE LIGHT**  
**CERTIFIED FOR USE ON VESSELS OVER 20 METERS (65.6 FT.) IN LENGTH**

Fig. 0454E  
Tapped For  
Pipe Mount



- CONSTRUCTION:**
- CAST BRONZE
  - MEDIUM PREFOCUS SOCKET



**CERTIFICATIONS:**

- UL 1104 - 5nm
- CE

**ORDERING INFO**

Catalog No. Std. Pkg. - 1 Pc.	Ship Wt. Carton Lbs. Standard Pkg.	Visibility Miles
0454E00PLB	8.6	5

**SPARE PARTS ORDERING INFORMATION**

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

**TECH INFO**

Bulb: 120 Volt  
(Not Included)

Height Overall: 11-1/2"  
Height Lens: 6-3/4"  
Tapped Pipe Size: 1"

**FIG. 0454**



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## Perko Bulbs & Parts For Navigation Lights

FOR NAVIGATION LIGHTS ON VESSELS UNDER 20 METERS (65.6 FT.) IN LENGTH

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### FIG. 0337 - DOUBLE CONTACT BAYONET BASE BULB

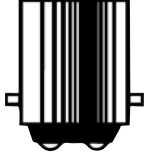


FIG. 0337

#### 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	0.3
12	11	.94	0337012DP	2	3/4	1004	0.4
24	15	.63	0337014DP	1	1	306	0.4
32	13	.40	0337018DP	1	3/4	624	0.3

### FIG. 0375 - DOUBLE CONTACT BAYONET INDEXING BASE BULB



FIG. 0375

#### ORDERING & TECH INFO

Nominal Voltage	Wattage	Amps	Standard 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. 0340 - MEDIUM SCREW BASE BULB



FIG. 0340

#### ORDERING & TECH INFO

Nominal Voltage	Wattage	Amps	Standard Pkg. - 6 Bulbs	L.C.L. Type	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

\*Standard Pkg. - 2 bulbs

### FIG. 0338 - WEDGE BASE BULB



FIG. 0338 #2



FIG. 0338 #1

#### 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

### FIGS. 0067, 0069, 0070, 0071 & 0072

#### FESTOON BULBS - DOUBLE ENDED



FIG. 0067

FIG. 0069

FIG. 0070

FIG. 0071

FIG. 0072

#### 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





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## Perko Bulbs & Parts For Navigation Lights

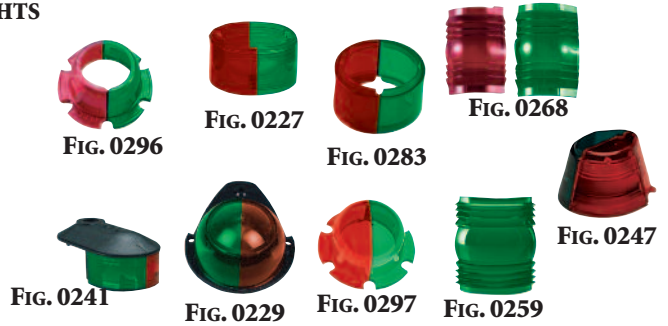
FOR NAVIGATION LIGHTS ON VESSELS UNDER 20 METERS (65.6 FT.) IN LENGTH

### 112-1/2° LENSES FOR BI-COLOR/TRI-COLOR LIGHTS

#### ORDERING & TECH INFO

Color	Height Inches	Width Inches	Dealer Pkg. - 5 Cards 1 Lens per Card	Ship Wt. Carton Lbs.
Red/Green	1-5/16	2-1/8	0247DP0LNS*	0.7
Red/Green	1	1-3/4	0283DPALNS*	0.7
Red/Green	1-1/4	1-3/8	0296DP0LNS*	0.5
Red/Green	1-1/4	1-3/8	0297DP0LNS*	0.7
Red/Green	2-1/2	2	0259DPALNS	0.7
Red/Green	1-1/2	1	0268DP0LNS	0.4
Red/Green	7/8	1-5/8 x 13/16	0227DP0LNS*	0.4
Red/Green	1-1/8	3 x 1-5/8	0241DP0LNS*	0.5
Red/Green	1-1/2	2-3/8	0229DP0LNS*	1.0

\*One Piece Lens



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### 112-1/2° LENSES FOR SIDE LIGHTS

#### ORDERING & TECH INFO

Color	Height Inches	Width Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	Ship Wt. Carton Lbs.
Red	1-5/16	2-1/8	0273DPRLNS	0.7
Green	1-5/16	2-1/8	0273DPGLNS	0.7
Red	1-3/4	1-1/16	0277DPRLNS	0.5
Green	1-3/4	1-1/16	0277DPGLNS	0.5
Red	1	1-3/4	0298DPRLNS	0.6
Green	1	1-3/4	0298DPGLNS	0.6
Red	7/8	1-5/8	0228DPRLNS	0.4
Green	7/8	1-5/8	0228DPGLNS	0.4
Red	1-1/2	2-3/8	0232DPRLNS	1.0
Green	1-1/2	2-3/8	0232DPGLNS	1.0
Red/Green	1	1-9/16	0281DPALNS*	0.6
Red/Green	1	2-1/8	0295DP0LNS*	0.7
Red/Green	1-1/4	----	0260DP0LNS*	0.4

\*Set of 1 Red and 1 Green Lens

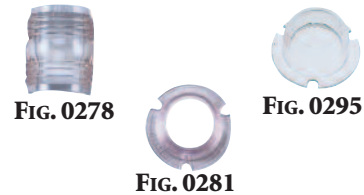


### 225° LENSES FOR MASTHEAD LIGHTS

#### ORDERING & TECH INFO

Color	Height Inches	I.D. Inches	O.D. Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	Ship Wt. Carton Lbs.
White	1	1-9/16	2-3/16	0281DPAWHT	0.4
White	1-1/2	1	1-1/4	0278DP0WHT*	0.5
White	1-1/2	1	2-1/8	0295DP0WHT	0.7

\*2 Pcs. per card



### 135° LENSES FOR STERN LIGHTS

#### ORDERING & TECH INFO

Color	Height Inches	I.D. Inches	O.D. Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	Ship Wt. Carton Lbs.
Clear	1-1/4	1-9/16	2-3/16	0074DP0WHT	0.7
Clear	1-1/2	1	1-1/4	0278DP0WHT*	0.5
Clear	1-1/4	1-9/16	2-3/16	0281DPAWHT	0.4
Clear	----	----	2	0284DP0CLR**	0.4
Clear	----	----	2-1/8	0295DP0WHT	0.7

\*2 Pcs. per card \*\*Includes O-Ring



### 360° LENSES FOR ALL-ROUND LIGHTS

#### ORDERING & TECH INFO

Color	Height Inches	I.D. Inches	O.D. Inches	Dealer Pkg. - 5 Cards 1 Pc. per Card	Ship Wt. Carton Lbs.
White	3	1-1/2	1-9/16	0201DP0WHT	0.7
Clear	2-1/2	1-11/16	2	0248DP0CLR	0.8
Frosted	2-1/2	1-11/16	2	0248000FRD*	0.7
Clear	3-5/16	3-3/16	----	0261JR0CLR*	1.1
Black/Clear	2	-----	2-1/4	0238DP0BLK	0.6
Black/Clear	2	-----	2-1/4	0239DP0BLK	0.7
Clear	2	-----	2-1/4	0239DP0CLR	0.7
Black/Clear	1-1/8	-----	3 x 1-5/8	0240DP0LNS	0.5

0248000FRD 5 per Box, 0261JR0CLR 1per box





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# HUMCO LIGHTS

## Perko Bulbs & Parts For Navigation Lights

FOR NAVIGATION LIGHTS ON VESSELS OVER 20 METERS (65.6 FT.) IN LENGTH

1

### 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.	Height 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

Std. Pkg. 5 Pcs.	Height Overall Inches	Diameter Overall Inches	Weight Per Pkg. Ounces
0367	1-7/8	1-1/2	12.5
0347A00*	1-7/8	1-1/2	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.	Height Overall Inches	Dia. Overall Inches	Weight Ounces
0294003PLB	3	3-3/4	4

### 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	5.4
Green	4-1/4	3-1/16	0259CL2GRN	5.4
Red	5-1/16	3-11/16	0259CL3RED	9.6
Green	5-1/16	3-11/16	0259CL3GRN	9.6



Color	Height 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	29
Green	7-1/2	9-1/4	0259002GRN	29

### 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	1.1
Red	7-1/2	7-1/4	0269002RED	1.3

### 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	0.6

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	1.6

### 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.
White	5-3/4	5-1/2	0249000CLR
Red	5-3/4	5-1/2	0249000RED
Green	5-3/4	5-1/2	0249000GRN
Yellow	5-3/4	5-1/2	0249000YLW
Gray	5-3/4	5-1/2	0249000GRY

Weight 1.6 Lbs.

### SINGLE CONTACT PREFOCUS BULBS



Std. Pkg. 1 Pc.	C-8 Filament Clear - 12 Volts 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.

### 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 pc.: 3.5 lbs

\*\*Designed for rough service.

### 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.



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## Perko U.S. Coast Guard Regulations

### FOR NAVIGATION LIGHTS ON VESSELS OVER 20 METERS (65.6 FT.) IN LENGTH

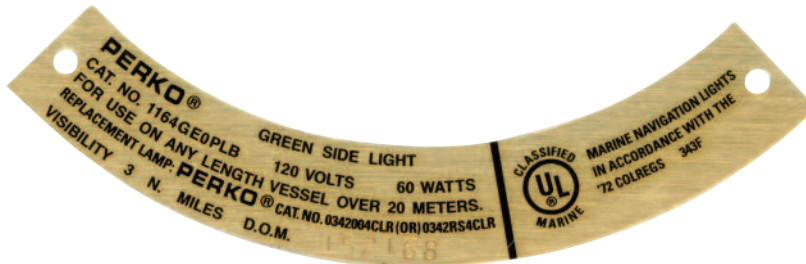
On March 31, 1977, the U.S. Coast Guard published, in the Federal Register, an amendment to the navigation and navigable water regulations which added a new subchapter DD, (33 CFR 87). This subchapter contains rules implementing and interpreting the International Regulations for Preventing Collisions 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 (UL Standard 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. 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 facsimile 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.