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HUMCO LIGHTS

Perko 0305 & 0313 Series Solar-Ray® Sealed Beam Searchlights

Figs. 0305 & 0313 Series

- 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

- 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.

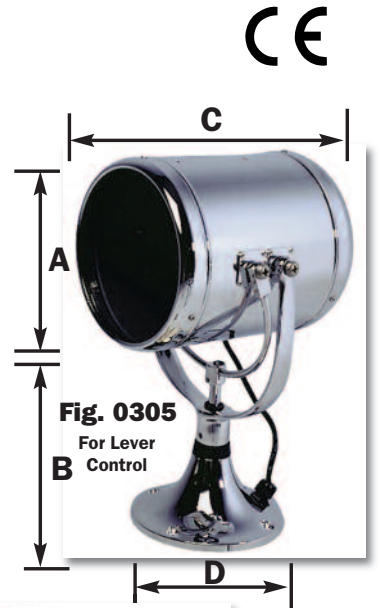


Fig. 0313
For Wheel or Lever/Gear Control

Deck Surface

Fig. 0969
Lever/Gear Control
Fits 0313 Head

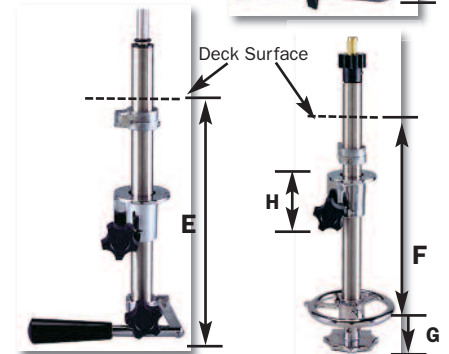


Fig. 0851
Lever Control
Fits 0305 Head

Fig. 0852
Wheel Control
Fits 0313 Head

Perko 0314 Series Pilot House Control Sealed Beam Searchlights

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SEALED BEAM



Fig. 0314
Chrome



Fig. 0314
White

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

ORDERING & TECH INFO

Overall Length	Approx. Range Voltage	Beam Miles	Candle Power	Wattage	Chrome Catalog Number	White Catalog Number	Ship Wt. Carton Lbs. Std. Pkg.
7 Inch Head							
24	12	5/8	250,000	100	0314C0712V	0314W0712V	13.1
24	24	3/4	470,000	450	0314C0724V	0314W0724V	13.1
24	32	5/8	260,000	200	0314C0732V	0314W0732V	13.1
8 Inch Head							
26	12	3/4	500,000	250	0314C0812V	0314W0812V	13.4
26	24	3/4	500,000	600	0314C0824V	0314W0824V	13.4
26	32	3/4	500,000	600	0314C0832V	0314W0832V	13.4

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.

Perko Sealed Beam Deck Searchlights

CE



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.

Fig. 0440 - Removable Hand Held Deck Control Searchlight

CE



Fig. 0440
No. 3
Shown



Sealed Beam Included

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.
4-1/2 Inch Halogen Sealed Beam: 043300112V.

7 Inch Sealed Beam (12 Volt): 043300312V.
7 Inch Sealed Beam (24 Volt): 043300324V.
7 Inch Sealed Beam (32 Volt): 043300332V.

Replacement Base: 0494000CHR