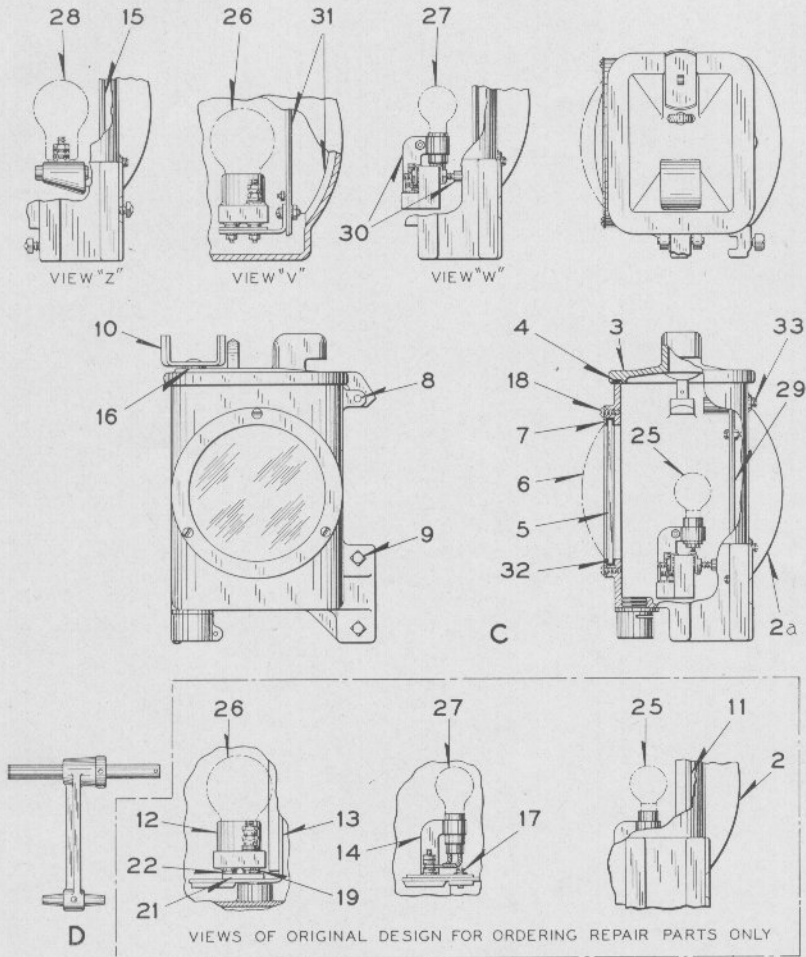


Zachary C. Gillihan 2008



Style "D" Cast Iron Semaphore Lamp  
And Sighting Tube

## Style "D" Cast Iron Semaphore Lamp And Sighting Tube Zachary C. Gillihan 2008

For application of Lamp to Signals see Bulletin No. 128.  
Lamps listed on this Plate supersede those on Plate B-950.

Order by Plate, Piece, Reference and Abbreviated  
Description Given in Heavy Face Type Only

Style "D" Cast Iron Semaphore Lamp Arranged as shown for Single Contact Lamp Bulb (Without Bulb) Dwg. B-9224-80.						
Piece	Ref.	Roundel				Remarks
		Type	Angle	Color	Ref.	
218349	C			Clear	5	For Dwarf and High Signal.
218355	Ca	Deflecting	40°	Clear	6	Cover Glass assembled with arrow turned up for Dwarf Signal.
218358	Cb	Deflecting	40°	Clear	6	Cover Glass assembled with arrow turned down for High Signal.
218370	Cc	Deflecting	20°	Red	6b	Cover Glass assembled with arrow turned down.
218356	Cd			Lunar White (Convex)	6c	
218362	Ce			Purple (Convex)	6f	
218364	Cf			Red (Convex)	6g	
218365	Cg			Yellow (Convex)	6e	
218366	Ch			Green (Convex)	6d	
218368	Cj			Blue (Convex)	6h	

## Style "D" Cast Iron Semaphore Lamp And Sighting Tube Zachary C. Gillihan 2008

(Continued)

Order by Plate, Piece, Reference and Abbreviated  
Description Given in Heavy Face Type Only

Style "D" Cast Iron Semaphore Lamp Arranged Per View "W" for Double Contact Lamp Bulb (Without Bulb) Dwg. B-9224-80.						
Piece	Ref.	Cover Glass				Remarks
		Type	Angle	Color	Ref.	
218348	Ck			Clear	5	For Dwarf and High Signal.
218354	Cm	Deflecting	40°	Clear	6	Cover Glass assembled with arrow turned up for Dwarf Signal.
218359	Cn	Deflecting	40°	Clear	6	Cover Glass assembled with arrow turned down for High Signal.
Style "D" Cast Iron Semaphore Lamp Arranged Per View "V" for Medium Screw Base Lamp Bulb (Without Bulb) Dwg. B-9224-80.						
Piece	Ref.	Cover Glass				Remarks
		Type	Angle	Color	Ref.	
218357	Cp			Clear	5	
218369	Cq	Deflecting	40°	Clear	6	Cover Glass assembled with arrow turned up.
218361	Cr			Yellow (Convex)	6e	
218360	Cs			Green (Convex)	6d	

## Style "D" Cast Iron Semaphore Lamp And Sighting Tube Zachary C. Gillihan 2008

(Continued)

Order by Plate, Piece, Reference and Abbreviated  
Description Given in Heavy Face Type Only

Style "D" Cast Iron Semaphore Lamp Arranged Per View "Z" for Rebased Lamp Bulb (Without Bulb) Dwg. B-9224-71.						
Piece	Ref.	Cover Glass				Remarks
		Type	Angle	Color	Ref.	
170545	Ct			Clear	5	For Dwarf and High Signal.
162228	Cu	Deflecting	40°	Clear	6	Cover Glass assembled to deflect light up and 45° to left for Dwarf Signal.
162229	Cv	Deflecting	20°	Clear	6a	Cover Glass assembled to deflect light vertically downward for High Signal.
162230	Cw	Deflecting	20°	Red	6b	Cover Glass assembled to deflect light vertically downward for High Signal.
168523	Cx			Lunar White (Convex)	6c	For High Signal.

Piece	Ref.	Description	Drawing Reference
170622	D	Sighting Tube for Style "D" C.I. Semaphore Lamp, Complete as shown for Dwarf and High Signals . .	C-9003-4
149645	2	Case (For original design of lamp) . . . . .	C-8123-19
162179	2a	Case for Refs. C to Cx inclusive . . . . .	C-8123-19
206980	3	Cover with Ventilator Screen and Gasket (Inc. 1-3a and 1-4) . . . . .	C-8123-20
162428	3a	Cover with Ventilator Screen only (Inc. 1-3b, 1-3c and 3-3d) . . . . .	C-8123-20
911	3b	Plate for holding Screen in Ventilator . . . . .	7826-40

# Style "D" Cast Iron Semaphore Lamp And Sighting Tube Zachary C. Gillihan 2008

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Order by Plate, Piece, Reference and Abbreviated  
Description Given in Heavy Face Type Only

Piece	Ref.	Description	Drawing Reference
913	3c	Screen for Ventilator.....	B-7318-3
	3d	Machine Screw, No. 10-30x $\frac{1}{4}$ " Rd. Hd. Br. (N.P.) for attaching Plate Ref. 3b to Cover.	
149778	4	Gasket.....	8078-1454
149548	5	Clear Flat Roundel, $5\frac{3}{8}$ " diam. for Refs. C, Ck, Cp and Ct.....	8163-222
150587	6	Clear Roundel, 40° deflecting, $5\frac{3}{8}$ " diam. for Refs. Ca, Cb, Cm, Cn, Cq and Cu.....	B-8276-49
141274	6a	Clear Roundel, 20° deflecting, $5\frac{3}{8}$ " diam. for Ref. Cv	B-8276-38
162206	6b	Red Roundel, 20° deflecting, $5\frac{3}{8}$ " diam. for Refs. Cc and Cw.....	B-8276-38
	6c	Lunar White Convex Roundel, $5\frac{3}{8}$ " diam. for Refs. Cd and Cx.	
	6d	Green Convex Roundel, $5\frac{3}{8}$ " diam. for Refs. Ch and Cs.	
	6e	Yellow Convex Roundel, $5\frac{3}{8}$ " diam. for Refs. Cg and Cr.	
	6f	Purple Convex Roundel, $5\frac{3}{8}$ " diam. for Ref. Ce.	
	6g	Red Convex Roundel, $5\frac{3}{8}$ " diam. for Ref. Cf.	
	6h	Blue Convex Roundel, $5\frac{3}{8}$ " diam. for Ref. Cj.	
	161117	7	Lens Ring.....
149774	8	Pin for attaching Cover to Case.....	B-10202-1
	9	Set Screw, $\frac{3}{8}$ "-16x $\frac{5}{8}$ " Rd. Pt. Sq. Hd. (Cad. Pl.) for lamp bracket socket.	
161127	10	Thumb Screw with $\frac{1}{16}$ "x $\frac{5}{8}$ " Brass Cotter (N.P.)..	8331-76
163185	11	Reflector and Receptacle Complete for original design using single contact bayonet base lamp bulb.	C-8123-21
121591	12	Receptacle for original design using medium screw base lamp bulb.....	9954-60

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(Continued)

Order by Plate, Piece, Reference and Abbreviated  
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Piece	Ref.	Description	Drawing Reference
161870	13	Reflector with Mounting Bracket for original design using medium screw base lamp bulb . . . . .	C-8123-21
163186	14	Reflector and Receptacle Complete for original design using double contact bayonet base lamp bulb	C-8123-21
162209	15	Reflector and Receptacle Complete for Refs. Ct to Cx inc. . . . .	C-8123-21
164761	16	Gasket . . . . .	8078-422
	17	Machine Screw, No. 14-24x $\frac{1}{2}$ " Fil. Hd. Bz. (N.P.) with $\frac{1}{4}$ " Pl. S. Lock Washer ( $\frac{9}{64}$ "x $\frac{5}{64}$ " (Tin Pl.) and $\frac{3}{16}$ " S. Plate Washer (Tin Pl.) for attaching Refs. 11 and 14 to Case.	
	18	Machine Screw, No. 10-30x $\frac{3}{8}$ " Rd. Hd. Br. (N.P.).	
	19	Machine Screw, No. 14-24x $\frac{3}{4}$ " Fil. Hd. Bz. (N.P.) with $\frac{1}{4}$ " Pl. S. Lock Washer ( $\frac{9}{64}$ "x $\frac{5}{64}$ " (Tin Pl.) and $\frac{3}{16}$ " S. Plate Washer (Tin Pl.) for attaching Ref. 13 to Case.	
	20	Machine Screw, No. 10-30x $\frac{5}{8}$ " Fil. Hd. Br. (N.P.) for attaching Ref. 12 to Ref. 21 (Not Shown).	
163246	21	Bracket . . . . .	9999-738
122842	22	Gasket . . . . .	8078-880
120799	*25	Lamp Bulb (Single Contact) 3.5 Volts, .3 Amp . . . . .	B-12409-12
120800	*25a	Lamp Bulb (Single Contact) 8 Volts, .25 Amp . . . . .	B-12409-12
120801	*25b	Lamp Bulb (Single Contact) 10 Volts, .25 Amp . . . . .	B-12409-12
120802	*25c	Lamp Bulb (Single Contact) 12 Volts, .25 Amp . . . . .	B-12409-12
120803	*25d	Lamp Bulb (Single Contact) 13.5 Volts, .25 Amp . . . . .	B-12409-12
		*Note:—When Lamps are required for daylight lighting refer to Ref. 40, Plate K-127.	

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(Continued)

Order by Plate, Piece, Reference and Abbreviated  
Description Given in Heavy Face Type Only

Piece	Ref.	Description	Drawing Reference
97079	26	Lamp Bulb (Medium Screw Base) 120 Volts, 23 Watts	B-12409-6
95268	26a	Lamp Bulb (Medium Screw Base) 120 Volts, 36 Watts	B-12409-6
112085	27	Lamp Bulb (Double Contact) 3.5 Volts, .3 Amp. . . .	B-12409-12
124019	27a	Lamp Bulb (Double Contact) 13.5 Volts, .25 Amp	B-12409-12
	28	Lamp Bulb, Refer to Refs. A, B and C of Plate B-2571 when ordering.	
218341	29	Reflector and Receptacle Complete for use with single contact bayonet base lamp bulb . . . . .	C-8123-32
218342	30	Reflector and Receptacle Complete for use with double contact bayonet base lamp bulb . . . . .	C-8123-32
218350	31	Reflector and Receptacle Complete for use with medium screw base lamp bulb . . . . .	C-8123-32
131706	32	Felt Gasket, $\frac{3}{16}$ " wide x $\frac{3}{8}$ " long x $\frac{3}{16}$ " thick. Used for roundels. . . . .	8078-1367
	33	Machine Screw, No. 10-30x $1\frac{3}{8}$ " Fil. Hd. Br. (N.P.) with No. 10 Pl. S. Lock Washer ( $\frac{1}{16}$ "x $\frac{3}{4}$ " (Tin Pl.) and Nut Ref. 33a.	
26942	33a	Nut . . . . .	8109-184