

**WAC 468-240-170 Obstruction lighting equipment—Specifications and drawings.** The lighting equipment, paint and aviation colors referred to in the standards set forth in this publication should conform with the applicable provisions of the following specifications and their related drawings:

- (1) Double and single obstruction lights.
  - (a) Military specification MIL-L-7830.
  - (b) F.A.A. specification L-810 specification for obstruction light.
- (2) Covers for aeronautical lights.
  - (a) Military specification MIL-C-7989 covers; light-transmitting (for aeronautical lights).
- (3) Aviation colors.
  - (a) Air Force-Navy aeronautical specification AN-C-56 colors; aeronautical lights and lighting equipment.
  - (b) Federal specification TT-C-595 color guide; ready mixed paint.
    - (i) Orange no. 1205 (aviation surface orange).
- (4) Aviation surface paint.
  - (a) Federal specification TT-P-59 aviation surface orange paint (international orange).
  - (b) Federal specification TT-E-489 aviation surface orange enamel (international orange).
  - (c) Federal specification TT-P-102 outside white paint.
- (5) Air Force-Navy aeronautical standard drawings.
  - (a) AN2541 Globe—Marker lamp.
  - (b) AN2547 Fitting assembly—Marker lamp.
- (6) Disconnecting obstruction light.
  - (a) Air Force-Navy aeronautical specification AN-L-31 lamp assembly—Disconnecting obstruction marker.
- (7) Recommended lamp equipment.

Multiple circuits

Watts	Base	Lamp	Fila-ment	L.C.L. inches	Type
100	Med. screw	A-21 clear	C-9	2 7/16	Traffic signal
100	Med. pfc.	A-21 clear	CC-2V	2 3/4	Obstruction
100	Sc. term	PAR-56, clear	C-6	.....	Airway beacon
*111	Med. sc.	A-21 clear	C-9	2 7/16	Obstruction
500	Mog. pfc.	PS-40 clear	C-7A.	5 11/16	Code beacon
500	Med. bip.	T-20 clear	C-13B	3	Airway beacon
**620	Mog. pfc.	PS-40 clear	C-7A	5 11/16	Code beacon
1000	Mog.bip.	T-20 clear	C-13	4	Airway beacon
1500	Mog.bip.	T-24 clear(32v)	C-5	4	Airway beacon

Series circuit

Lumens	Base	Lamp	Fila-ment	L.C.L. inches	Type
1020	Med. pfc.	A-21 clear	C-8	2 3/4	Obstruction

- \* Has same lumen output as 100-watt but designed for 3000 hours life.
- \*\* Has same lumen output as 500-watt but designed for 3000 hours life.

Note: Copies of military specifications and air force-navy aeronautical specifications or drawings can be obtained by contacting Commanding General, Air Material Command, Wright Field, Dayton, Ohio, or the Bureau of Aeronautics, Department of the Navy, Washington 25, D.C. Copies of F.A.A. specifications and information concerning air force-navy aeronautical specifications and federal specifications can be obtained from the Office of Federal Airways, F.A.A. Washington 25, D.C.

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