

ALB

Airport Light Bases

Compliances:

- FAA AC 150/5345-42: L-867 & L-868, Class I
- UFC 3-535-01
- NAVAIR 51-50AAA-2



Applications

There are a variety of bases to which airport lights may be mounted. Usually, the base will not only support the light but also houses the isolation transformer. These bases also are used as underground junction boxes.

FAA TYPE

- L-867 A base not subjected to heavy aircraft or vehicle loading under normal conditions.
- L-868 A base subjected to heavy aircraft or vehicle loading.
- L-869 Junction box.

FAA CLASS

- Class I—Steel Bases
- Class II—Non-Steel Bases

FAA SIZE

- B—12 inch L-867 or L-868
- C—15 inch L-868 only
- D—16 inch L-867 only

In addition to the bases there are also base plates, cover plates, extensions, junction boxes and various rings for the bases.

The products listed on this sheet are common items. Other versions are available. This page has only a partial listing.

Note: Some lights have been designed to work in load bearing locations with L-867 bases. Contact Crouse-Hinds for technical information.

Ordering Information

Description	Catalog Number	Specification Reference			Shipping Weight		Shipping Volume	
		FAA	MIL	USAF	lb.	kg.	cu.ft.	cu.m.
Base Plates								
Base plate assembly, flat with cable clamp, 2" (51mm) straight	AP 1402	....	B8954 (MS24345)	752	29	13.2	0.14	0.004
Side D base plate 16" (406mm) dia. 2" (51mm) N.P.S. tap with gasket	AP 2932	....	....	....	14	6.3	0.15	0.004
Size D base plate 16" (406mm) dia. 1 1/2" (38mm)-12 tap with gasket	AP 2935	....	....	....	15	6.3	0.15	0.004
Size B base plate 12" (305mm) dia. 1 1/2" (38mm)-12 tap with neoprene gasket	AP 1935	....	....	....	8	3.6	0.14	0.004
Size B base plate 12" (305mm) dia. 2" (51mm) N.P.S. tap with neoprene gasket	AP 1932	....	....	....	8	3.6	0.14	0.004
Blank Cover Plates								
Blank cover plate 13 3/8" (340mm) dia. 1/8" (3mm) to 1 1/4" (32mm) thick in 1/8" (3mm) increments for L-867 Size B 12" (305mm) base	AK 1000-X	L-867	....	....	*	*	0.13	0.004
Blank cover plate 17 3/8" (441mm) dia. 1/8" (3mm) to 1 1/4" (32mm) thick in 1/8" (3mm) increments for L-867 Size D 16" (406mm) base	AK 2000-X	L-867	....	....	*	*	0.20	0.006
Blank cover plate for 10" (254mm) light base 3/4" (19mm) thick	AK 3000-12	L-868	....	....	18	8.1	0.04	0.001
Blank cover plate for 12" (305mm) light base 3/4" (19mm) thick	AK 4000-12	L-868	....	....	24	10.9	0.06	0.002
Blank cover plate for 15" (381mm) light base 1 1/4" (32mm) thick	AK 5000-20	L-868	....	....	38	17.2	0.10	0.003

* Varies by thickness

Description	Catalog Number	Specification Reference			Shipping Weight		Shipping Volume		
		FAA	MIL	USAF	lb.	kg.	cu.ft.	cu.m.	
Flange Rings									
Flange Ring with O-Ring gasket and bolts 1/2" (305mm) dia. x 3/4" (19mm) thick	AF 5402-12*	L-868	....	....	7.25	3.3	0.06	0.002
Flange Ring with O-Ring gasket and bolts 15" (381mm) dia. x 3/4" (19mm) thick	AF 5502-12*	L-868	....	....	9	4.1	0.10	0.003
* Add "Y" for retaining ring									
Light Bases									
Size B 12" (305mm) x 20" (508mm) steel light base with plywood cover and bolts	AC 2120	L-867	B-8954 (MS24526-1)	....	40	18.2	1.8	0.050
Size B 12" (305mm) x 24" (610mm) steel light base with plywood cover and bolts	AC 2124	L-867	....	....	52	23.6	2.6	0.070
Size B 12" (305mm) x 20" (508mm) steel light base with plywood cover and bolts	AC 2320	....	B-8954 (MS4526-4 760C)	....	47	21.4	2.2	0.060
Size B 12" (305mm) x 24" (610mm) steel inset light base with plywood cover	AC 2424	L-868	....	....	63	28.6	2.5	0.070
Size C 15" (381mm) x 24" (610mm) steel inset light base with plywood cover	AC 3524	L-868	....	....	76	34.5	2.7	0.076
Size D 16" (406mm) x 20" (508mm) steel light base with plywood cover and bolts	AC 6320	L-867	....	....	60	27.3	3.6	0.100
Size D 16" (406mm) x 24" (610mm) steel light base with plywood cover and bolts	AC 6324	L-867	....	....	67	30.3	4.3	0.120
L-850 inset 12" dia. x 3.5 deep	20045-4				18	8.1	0.07	0.020	
L-850 tapered inset 12" dia. x 4.5 deep	20452-S234				23	11.3	0.8	0.022	

Spacer Rings

Spacer Ring for height adjustment for 12" (305mm) Size B base from 1/16" (1.6mm) to 2" (51mm) thick	AR 5421	L-868	....	....	*	*	0.16	0.005
Spacer Ring for height adjustment for 15" (381mm) Size C base from 1/16" (1.6mm) to 2" (51mm) thick	AR 5521	L-868	....	....	*	*	0.26	0.007

* Varies by thickness

Stakes

Steel stake 30" (762mm) long (4.8mm) with 1 1/2" (3.8mm)-12 tap	AW 2205	....	....	....	12	5.4	0.08	0.002
Steel stake 30" (762mm) long with 2" (51mm) tap	AW 2202	....	C-5130	....	12	5.4	0.08	0.002

Gaskets

12" (305mm) dia. neoprene gasket 1/8" (3mm) thick	10530287	L-867	....	....	0.4	0.2	—	—
12" (305mm) Max. dia. polychlorprene gasket, .135" (3.4mm) thick, ribbed	10530286	....	B-8954 (MSL6577)	757	0.5	0.2	—	—
16" (406mm) Nom. dia. neoprene gasket 1/8" (3mm) thick	10530281	....	....	....	0.5	0.2	—	—



2424
L-868, Class I, Size B
Light Base



5402
L-868 Flange Ring with
O-Ring



5421
L-868 Spacer Ring



2124
L-867, Class I, Size B
Light Base

