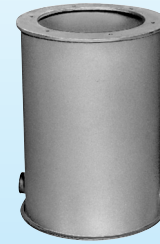


## Airport Light Bases



**ALB**

**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

- A—10 inch L-868 only
- 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

Catalog Number	FAA	Specification Reference		Description	Shipping Weight		Shipping Volume		
		MIL	USAF		lb.	kg.	cu.ft.	cu.m.	
<b>Base Plates</b>									
AP 1402	....	B8954 (MS24345)	752	Base plate assembly, flat with cable clamp, 2" (51mm) straight	29	13.2	.14	.004	
AP 2932	....	....	....	Side D base plate 16" (406mm) dia. 2" (51mm) N.P.S. tap with gasket	14	6.3	.15	.004	
AP 2935	....	....	....	Size D base plate 16" (406mm) dia. 1 1/2" (38mm)-12 tap with gasket	15	6.3	.15	.004	
AP 1935	....	....	....	Size B base plate 12" (305mm) dia. 1 1/2" (38mm)-12 tap with neoprene gasket	8	3.6	.14	.004	
AP 1932	....	....	....	Size B base plate 12" (305mm) dia. 2" (51mm) N.P.S. tap with neoprene gasket	8	3.6	.14	.004	
<b>Blank Cover Plates</b>									
AK 1000-X	L-867	....	....	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	*	.*	.13	.004	
AK 2000-X	L-867	....	....	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	*	.*	.20	.006	
AK 3000-12	L-868	....	....	Blank cover plate for 10" (254mm) light base 3/4" (19mm) thick	18	8.1	.04	.001	
AK 4000-12	L-868	....	....	Blank cover plate for 12" (305mm) light base 3/4" (19mm) thick	24	10.9	.06	.002	
AK 5000-20	L-868	....	....	Blank cover plate for 15" (381mm) light base 1 1/4" (32mm) thick	38	17.2	.10	.003	

\* Varies by thickness

Catalog Number	Specification Reference			Description	Shipping Weight		Shipping Volume	
	FAA	MIL	USAF		lb.	kg.	cu.ft.	cu.m.
<b>Flange Rings</b>								
AF 5102-12*	L-868	....	....	Flange Ring with O-Ring gasket and bolts 10" (254mm) dia. x 3/4" (19mm) thick	6	2.7	.04	.001
AF 5402-12*	L-868	....	....	Flange Ring with O-Ring gasket and bolts 1 1/2" (305mm) dia. x 3/4" (19mm) thick	7.25	3.3	.06	.002
AF 5502-12*	L-868	....	....	Flange Ring with O-Ring gasket and bolts 1 5/8" (381mm) dia. x 3/4" (19mm) thick	9	4.1	.10	.003
* Add "Y" for retaining ring								
<b>Light Bases</b>								
AC 1524	L-868	....	....	Size A 10" (254mm) x 24" (610mm) steel inset light base with plywood cover	42	19.0	1.22	.034
AC 2120	L-867	B-8954 (MS24526-1)	....	Size B 12" (305mm) x 20" (508mm) steel light base with plywood cover and bolts	40	18.2	1.8	.050
AC 2124	L-867	....	....	Size B 12" (305mm) x 24" (610mm) steel light base with plywood cover and bolts	52	23.6	2.6	.070
AC 2320	....	B-8954 (MS4526-4 760C)	....	Size B 12" (305mm) x 20" (508mm) steel light base with plywood cover and bolts	47	21.4	2.2	.060
AC 2424	L-868	....	....	Size B 12" (305mm) x 24" (610mm) steel inset light base with plywood cover	63	28.6	2.5	.070
AC 3524	L-868	....	....	Size C 15" (381mm) x 24" (610mm) steel inset light base with plywood cover	76	34.5	2.7	.076
AC 6320	L-867	....	....	Size D 16" (406mm) x 20" (508mm) steel light base with plywood cover and bolts	60	27.3	3.6	.100
AC 6324	L-867	....	....	Size D 16" (406mm) x 24" (610mm) steel light base with plywood cover and bolts	67	30.3	4.3	.120
20045-4	....	....	....	L-850 inset 12" dia. x 3.5 deep	18	8.1	.07	.020
20452-S234	....	....	....	L-850 tapered inset 12" dia. x 4.5 deep	23	11.3	0.8	.022
<b>Spacer Rings</b>								
AR 5121	L-868	....	....	Spacer Ring for height adjustment for 10" (254mm) Size A base from 1/16" (1.6mm) to 2" (51mm) thick	*	.*	.12	.003
AR 5421	L-868	....	....	Spacer Ring for height adjustment for 12" (305mm) Size B base from 1/16" (1.6mm) to 2" (51mm) thick	*	.*	.16	.005
AR 5521	L-868	....	....	Spacer Ring for height adjustment for 15" (381mm) Size C base from 1/16" (1.6mm) to 2" (51mm) thick	*	.*	.26	.007
* Varies by thickness								
<b>Stakes</b>								
AW 2205	....	....	....	Steel stake 30" (762mm) long (4.8mm) with 1 1/2" (3.8mm)-12 tap	12	5.4	.08	.002
AW 2202	....	C-5130	....	Steel stake 30" (762mm) long with 2" (51mm) tap	12	5.4	.08	.002
<b>Gaskets</b>								
10530287	L-867	....	....	12" (305mm) dia. neoprene gasket 1/8" (3mm) thick	0.4	0.2	—	—
10530286	....	B-8954 (MSL6577)	757	12" (305mm) Max. dia. polychlorprene gasket, .135" (3.4mm) thick, ribbed	0.5	0.2	—	—
10530281	....	....	....	16" (406mm) Nom. dia. neoprene gasket 1/8" (3mm) thick	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

