



Airport Light Bases

CROUSE-HINDS
AIRPORT LIGHTING PRODUCTS



ABL

Compliances: FAA AC 150/5345-42: L-867 & L-868, Class I
USAF Regulation 88-14

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	Specification Reference			Description	Shipping Weight		Shipping Volume	
	FAA	MIL	USAF		lb.	kg.	cu.ft.	cu.m.
Base Plates								
1402	....	B8954 (MS24345)	752	Base plate assembly, flat with cable clamp, 2" (51mm) straight	29	13.2	.14	.004
2932	....	....	....	Side D base plate 16" (406mm) dia. 2" (51mm) N.P.S. tap with gasket	14	6.3	.15	.004
2935	....	....	....	Size D base plate 16" (406mm) dia. 1 1/2" (38mm)-12 tap with gasket	15	6.3	.15	.004
50044 & 1935	....	....	....	Size B base plate 12" (305mm) dia. 1 1/2" (38mm)-12 tap with neoprene gasket	8	3.6	.14	.004
1932	....	....	....	Size B base plate 12" (305mm) dia. 2" (51mm) N.P.S. tap with neoprene gasket	8	3.6	.14	.004
Blank Cover Plates								
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
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
3000-12	L-868	....	....	Blank cover plate for 10" (254mm) light base 3/4" (19mm) thick	18	8.1	.04	.001
4000-12	L-868	....	....	Blank cover plate for 12" (305mm) light base 3/4" (19mm) thick	24	10.9	.06	.002
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								
Flange Rings								
5102-12*	L-868	....	....	Flange Ring with O-Ring gasket 10" (254mm) dia. x 3/4" (19mm) thick	6	2.7	.04	.001
5402-12*	L-868	....	....	Flange Ring with O-Ring gasket 1/2" (305mm) dia. x 3/4" (19mm) thick	7.25	3.3	.06	.002
5502-12*	L-868	....	....	Flange Ring with O-Ring gasket 15" (381mm) dia. x 3/4" (19mm) thick	9	4.1	.10	.003
*Add "Y" for retaining ring								

Catalog Number	Specification Reference			Description	Shipping Weight		Shipping Volume	
	FAA	MIL	USAF		lb.	kg.	cu.ft.	cu.m.
Light Bases								
1534	L-868	....	....	Size A 10" (254mm) x 24" (610mm) steel inset light base with plywood cover	42	19.0	1.22	.034
2120	L-867	B-8954 (MS24526-1)		Size B 12" (305mm) x 16 1/2" (419mm) steel light base with plywood cover and bolts	40	18.2	1.8	.050
2124	L-867			Size B 12" (305mm) x 24" (610mm) steel light base with plywood cover and bolts	52	23.6	2.6	.070
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
2424	L-868	....	....	Size B 12" (305mm) x 24" (610mm) steel inset light base with plywood cover	63	28.6	2.5	.070
3524	L-868	....	....	Size C 15" (381mm) x 24" (610mm) steel inset light base with plywood cover	76	34.5	2.7	.076
6320	L-867	....	....	Size D 16" (406mm) x 20" (508mm) steel light base with plywood cover and bolts	60	27.3	3.6	.100
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
Spacer Rings								
5121S	L-868	....	....	Spacer Ring for height adjustment for 10" (254mm) Size A base from 1/16" (1.6mm) to 2" (51mm) thick	*	*	.12	.003
5421S	L-868	....	....	Spacer Ring for height adjustment for 12" (305mm) Size B base from 1/16" (1.6mm) to 2" (51mm) thick	*	*	.16	.005
5521S	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								
Stakes								
50056 & 2105	....	....	....	Steel stake 30" (762mm) long (4.8mm) with 1 1/2" (3.8mm)-12 tap	12	5.4	.08	.002
2102	....	C-5130	....	Steel stake 30" (762mm) long with 2" (51mm) tap	12	5.4	.08	.002
Gaskets								
2052	L-867	....	....	12" (305mm) dia. neoprene gasket 1/8" (3mm) thick	0.4	0.2	—	—
2053	....	B-8954 (MSL6577)	757	12" (305mm) Max. dia. polychlorprene gasket, .135" (3.4mm) thick, ribbed	0.5	0.2	—	—
6052	....	....	....	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



For more information

**CROUSE-HINDS
AIRPORT LIGHTING PRODUCTS**
1200 Kennedy Road
Windsor, CT 06095 USA
TEL: (860) 683-4300
FAX: (860) 683-4354

**CROUSE-HINDS
AIRPORT LIGHTING PRODUCTS**
5925 McLaughlin Road
Mississauga, Ontario
CANADA L5R 1B8
TEL: (905) 507-4187
FAX: (800) 263-9504

**CROUSE-HINDS
AIRPORT LIGHTING
PRODUCTS**