

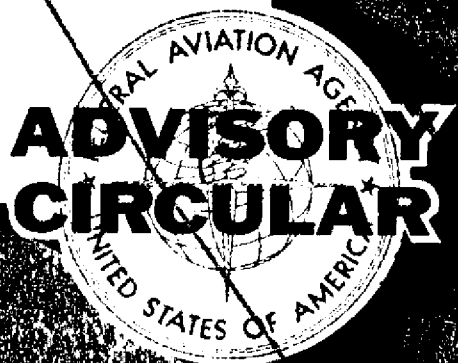
~~Replaces April 1961 edition~~

~~This AC represents 6/8/64 changes
to incorporate changes 1 thru 3.~~

APPROVED AIRPORT LIGHTING EQUIPMENT

See reference to
8/3/65 incorporated
changes thru 6

1/16/63
+
+



Federal Aviation Agency

AUGUST 1963

Federal Aviation Agency



AC NO: AC 150/5345-1

AIRPORTS

EFFECTIVE :

8/15/63

SUBJECT : APPROVED AIRPORT LIGHTING EQUIPMENT

1. **PURPOSE.** This circular presents in a convenient form, a listing of manufacturers of approved airport lighting equipment produced under FAA and other indicated specifications. It also lists equipment associated with specific airport lighting systems and equipment indicated as obsolescent.
2. **PUBLICATION CANCELLED.** This circular cancels the FAA "Approved Airport Lighting Equipment" dated April 1961.
3. **REFERENCE.** The approval listing in this circular is to be used with "Division VI - Lighting Installation" of "Standard Specifications for Construction of Airports," June 1959, including Supplement No. 1, dated 1961. Prior approval of equipment is required as noted under "Equipment and Materials" for each "Item" of the referenced publication where such equipment is to be used on projects for the Federal-aid Airport Program.
4. **BACKGROUND.** In listing the approvals for the L-800 series equipment the specifications for such equipment are identified with respect to the L-800 series equipment numbers throughout this advisory circular. As these specifications are rewritten and issued under the Agency's Advisory Circular System, they will be assigned appropriate advisory circular numbers under the airport subject classification 150/5345. The equipment to which they refer, however, will still retain the L-800 series numbering.
5. **HOW TO GET THIS PUBLICATION.**
 - a. **Order additional copies** of this circular from:

Federal Aviation Agency
Distribution Section, HQ-438
Washington, D. C. 20553

- b. Identify the publication in your order as:

FAA Advisory Circular No. 150/5345-1
Approved Airport Lighting Equipment
Dated 8/15/63

- c. There is no charge for this publication.


for Cole Morrow, Director
Airports Service

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L-801 - Beacon for Small Airports

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	44035	Clear-Green
Westinghouse Electric	1372235	Clear-Green

L-802 - Runway and Strip Light

MANUFACTURER	APPROVED CATALOG NUMBERS					
	STAKE MOUNTED		BASE MOUNTED		STAKE WITH JUNCTION BOX	
	CLEAR	GREEN	CLEAR	GREEN	CLEAR	GREEN
Crouse-Hinds	47295C	47296C	47299C	47300C	47303C	47304C
Line Material	LP2E3	LP2E5	LP2E4	LP2E6		
Revere Electric	6074	6075	6071	6072		
Westinghouse Electric	306P611G01	306P613G01	306P615G01	306P617G01		
Multi Electric Mfg. Company	1093	1092	1083	1082		

L-807 - Eight-Foot Illuminated Wind Cone

APPROVED CATALOG NUMBERS

MANUFACTURER	OBSTRUCTION LIGHTS AND		OBSTRUCTION	EXTERNAL	COMPLETE
	EXTERNAL LIGHTS	LESS LIGHTS	LIGHTS ONLY	LIGHTS ONLY	FOR WIND TEE MOUNTING
Crouse-Hinds	44481	44482	44483	44484	44593
Revere Electric	433				
Westinghouse Electric	S#1372750	S#1372753	S#1372752	S#1372751	

L-808 - Lighted Wind Tee

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	43339-C	

L-809 - Airport Light Base and Transformer Housing

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	FL-1818	
B. Feneno	BF-1277	
Gar-Let Manufacturing Company, Incorporated	L-809	12-inch diameter base
Line Material	LP43Y1	
Revere Electric	7017	
Southwest Ornamental Iron	SWA-8007	
Westinghouse Electric	S#1566707	
Vega Industries	2120	

L-810 - Obstruction Light

APPROVED CATALOG NUMBERS

MANUFACTURER	<u>SINGLE UNIT</u>		<u>DOUBLE UNIT</u>	
	SIDE ENTRANCE HUB	BOTTOM ENTRANCE HUB	SIDE ENTRANCE HUB	BOTTOM ENTRANCE HUB
<u>Series - Medium Prefocus Sockets</u>				
Crouse-Hinds	44721	44506A	-----	44508A
Hughey and Phillips	-----	OB20P-4	OB24-4	OB22P-4*
Revere Electric	-----	6051	-----	6053
Westinghouse Electric	-----	S#1569337	-----	S#1569339
<u>Multiple - Medium Screw Sockets</u>				
Crouse-Hinds	44722	44505A	-----	44507A
Hughey and Phillips	OB21-4	OB20-4	-----	OB22-4*
Revere Electric	-----	6051A	-----	6053A
Westinghouse Electric	-----	S#1569336	-----	S#1569338

REMARKS:

* Use Suffix 3 For 3/4" Tap When Required.

L-811 - Static Indoor Type Constant Current Regulator Assembly;
2½ And 4 KW; With Brightness Control And Runway Selection
For Direct Operation

MANUFACTURER	APPROVED CATALOG NUMBERS	
	TYPE I - 2½ KW	TYPE II - 4 KW
Hevi-Duty Electric	-----	W19935-811
Westinghouse Electric	S#1375501	S#1375500

L-812 - Static Indoor Type Constant Current Regulator Assembly;
4 KW And 7½ KW: With Brightness Control for Remote Operation

APPROVED CATALOG NUMBERS

MANUFACTURER	APPROVED CATALOG NUMBERS	
	Size I - 4 KW	Size II - 7½ KW
Hevi-Duty Electric	52610	D-52640
Westinghouse Electric	S#1375502	

L-813 - Static Indoor Type Constant Current Regulator Assembly;
4 KW And 7½ KW; For Remote Operation of Taxiway Lights

APPROVED CATALOG NUMBERS

MANUFACTURER

Size I - 4 KW

Size II - 7½ KW

Hevi-Duty Electric

52620

D-52650

Westinghouse Electric

S#1375504

L-816 - Circuit Selector Cabinet Assembly
For 600 Volt Series Circuits

APPROVED CATALOG NUMBERS

MANUFACTURER

Type I

Type II

Westinghouse Electric

S#1375514

S#1375515

L-819 - Fixed Focus Bidirectional High Intensity Runway Light

MANUFACTURER	APPROVED CATALOG NUMBERS			Remarks
	Clear	Green	Yellow	
Crouse-Hinds	44607	44608	44609	Specify 12" or 16" Base Plate
Line Material	LP1C1	-----	-----	12" Base Plate
Line Material	LP1C2	-----	-----	16" Base Plate
Multi Electric	1711	-----	-----	12" Base Plate
Multi Electric	-----	1170-11-G	-----	360° Green
Multi Electric	-----	-----	1170-10-A	180° Yellow
Revere Electric	7651	7653	7656	12" Base Plate
Westinghouse Electric	S1568496	S1568498	S1568497	12" Base Plate
Westinghouse Electric	S306P542G01	S306P544G01	S306P543G01	16" Base Plate

L-821 - Airport Lighting Panel For Remote
Control of Airport Lighting

APPROVED CATALOG NUMBERS

MANUFACTURER	Type S		Type F		
	Size 1	Size 2	Size 1	Size 2	Size 3
	Crouse-Hinds	CPS-1	CPS-2	CPF-1	CPF-2
Federated Engineering Development Corp.	201-821S	202-821S	201-821F	202-821F	203-821F
U. S. Controls	Type S, Size 1	Type S Size 2	Type F Size 1	Type F Size 2	Type F Size 3
Westinghouse Electric	CL5C841G01		CL5C831G01		

L-822 - Taxiway Light

APPROVED CATALOG NUMBERS

MANUFACTURER	STAKE MOUNTED (BLUE)	BASE MOUNTED (BLUE)	STAKE WITH JUNCTION BOX (BLUE)
Crouse-Hinds	47298C	47302C	47306C
Line Material	LP2E1	LP2E2	
Multi Electric	1094	1084	
Revere Electric	6076	6073	
Westinghouse Electric	306P619G01	306P621G01	

NOTE: See Page 5, for L-809 Base Suppliers.

L-823 - Plug and Receptacle, Cable Connectors

TYPE AND SIZES	MANUFACTURER	APPROVED CATALOG NUMBERS
Fig. 1a	Elastimold Division	Cm
	Hatfield Wire & Cable	MC-27
	Joy Manufacturing	X8405M
	Pacific Electricord	823-1a
	Westinghouse Electric	S#1567650
Fig. 1b	Elastimold Division	Cf
	Joy Manufacturing	X8405F
	Pacific Electricord	823-1b
Fig. 1c	Cords Limited	C14313
	Elastimold Division	Cr
	Hatfield Wire & Cable	FC-17
	Joy Manufacturing	2G125F1A
	Pacific Electricord	823-1c
Fig. 6a	Cords Limited	C14314
	Elastimold Division	Em
	Hatfield Wire & Cable	MC-26
	Joy Manufacturing	X8077M
	Pacific Electricord	823-6a

L-823 - Plug and Receptacle, Cable Connectors
(continued)

TYPE AND SIZES	MANUFACTURER	APPROVED CATALOG NUMBERS
Fig. 6b	Cords Limited	C14315
	Elastimold Division	Ef
	Hatfield Wire & Cable	FC-19
	Joy Manufacturing	X8077F
	Pacific Electricord	823-6b
Fig. 11	Cords Limited	C14316
	Elastimold Division	1839-E1
	Hatfield Wire & Cable	FC-18
	Joy Manufacturing	X8077MF
Fig. 14a/14b	Elastimold Division	54-F4-F4
	Joy Manufacturing	X8077-257
Fig. 14c/14d	Elastimold Division	54-E4-E4
	Joy Manufacturing	X8077-301

L-824 - Underground Electrical Cables
For Airport Lighting Circuits

TYPE "A" - PERFORMANCE INSULATION (NON-SHIELDED)			
MANUFACTURER	600 VOLTS		APPROVED TRADE NAME
	SINGLE CONDUCTOR	MULTIPLE CONDUCTOR	
	AWG Sizes	AWG Sizes	
American Steel & Wire	12-10-8-6-4	12-10-8-6-4	Amerprene - "A"
Anaconda Wire & Cable	12-10-8-6-4	12-10-8-6-4	Durasheath Airport
Collyer Insulated Wire	12-10-8-6-4	12-10-8-6-4	Suprene RR
Cornish Wire Company	12-10-8-6-4	12-10-8-6-4	Cornish Wire Company
Crescent Insulated Wire & Cable	12-10-8-6-4	12-10-8-6-4	Impervex Trenchwire
General Cable	12-10-8-6-4	-----	General Cable - SS
General Cable		12-10-8-6-4	General Cable
General Electric	12-10-8-6-4	12-10-8-6-4	GE Versatol- Geoprene
Hatfield Wire & Cable	12-10-8-6-4	12-10-8-6-4	Permaprene
Kaiser Aluminum & Chemical Sales	12-10-8-6-4	12-10-8-6-4	Kaiser Airport Cable
Narragansett Wire	12-10-8-6-4	12-10-8-6-4	Naradirect
Paranite Wire & Cable	12-10-8-6-4	12-10-8-6-4	Parause
Phelps Dodge Copper Products	12-10-8-6-4	12-10-8-6-4	Habirduct- Habirprene
H. K. Porter	12-10-8-6-4	12-10-8-6-4	Flexlay - RR -

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

MANUFACTURER	TYPE "A" - PERFORMANCE INSULATION (NON-SHIELDED)		
	600 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u> AWG Sizes	<u>MULTIPLE CONDUCTOR</u> AWG Sizes	
The Okonite Company	12-10-8-6-4	12-10-8-6-4	Watertite- Okoprene
Reynolds Metals Co.	12-10-8-6-4	12-10-8-6-4	Reynolds
Rome Cable	12-10-8-6-4	12-10-8-6-4	RoMarine RoPrene RR
Simplex Wire & Cable	12-10-8-6-4	12-10-8-6-4	Anhydrex Neoprene
Triangle Conduit & Cable	12-10-8-6-4	12-10-8-6-4	Trioprene
Walker Brothers	12-10-8-6-4	-----	USE
Western Insulated Wire	12-10-8-6-4	-----	Bronco - 60
Whitney Blake	12-10-8-6-4	12-10-8-6-4	Whitney Blake

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

TYPE "A" - PERFORMANCE INSULATION (NON-SHIELDED)

MANUFACTURER	3000 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u>	<u>MULTIPLE CONDUCTOR</u>	
	AWG Sizes	AWG Sizes	
American Steel & Wire	8-6-4	8-6-4	Amerprene - "A"-
Anaconda Wire & Cable	8-6-4	8-6-4	Durasheath Airport
Collyer Insulated Wire	8-6-4	8-6-4	Suprene RR
Cornish Wire Company	8-6-4	8-6-4	Cornish Wire Company
Crescent Insulated Wire and Cable	8-6-4	8-6-4	Impervex Trenchcable
General Cable	8-6-4	8-6-4	General Cable
General Electric	8-6-4	8-6-4	GE Versatol- Geoprene
Hatfield Wire & Cable	8-6-4	-----	Permaprene
Kaiser Aluminum & Chemical Sales	8-6-4	8-6-4	Kaiser Airport Cable
Narragansett Wire	8-6-4	-----	Naradirect
Paranite Wire & Cable	8-6-4	8-6-4	Parause
Phelps Dodge Copper Products	8-6-4	8-6-4	Habirduct- Habirprene

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

MANUFACTURER	TYPE "A" - PERFORMANCE INSULATION (NON-SHIELDED)		
	3000 VOLTS		APPROVED TRADE NAMES
	<u>SINGLE CONDUCTOR</u> AWG Sizes	<u>MULTIPLE CONDUCTOR</u> AWG Sizes	
The Okonite Company	8-6-4	8-6-4	Watertite- Okoprene
Reynolds Metals Company	8-6-4	8-6-4	Reynolds
Rome Cable	8-6-4	8-6-4	RoMarine RoPrene RR
Triangle Conduit & Cable	8-6-4	8-6-4	Trioprene
Whitney Blake	8-6-4	8-6-4	Whitney Blake

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

MANUFACTURER	TYPE "B" - OZONE RESISTANT INSULATION (NON-SHIELDED)		
	3000 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u>	<u>MULTIPLE CONDUCTOR</u>	
	AWG Sizes	AWG Sizes	
American Insulated Wire	8-6-4	-----	A.I.W. Corp.
American Steel & Wire	8-6-4	8-6-4	Amerprene - "B"
Anaconda Wire & Cable	8-6-4	8-6-4	Durasheath Airport
Collyer Insulated Wire	8-6-4	8-6-4	Suprene RR
Cornish Wire Company	8-6-4	8-6-4	Cornish Wire Company
Crescent Insulated Wire & Cable	8-6-4	-----	Hyvolt Trenchwire
Crescent Insulated Wire & Cable	-----	8-6-4	Hyvolt Trenchcable
General Cable	8-6-4	8-6-4	General Cable
General Electric	8-6-4	8-6-4	GE Super Coronol- Geoprene
Hatfield Wire & Cable	8-6-4	-----	Permaprene
Kaiser Aluminum & Chemical Sales	8-6-4	8-6-4	Kaiser Airport Cable
Narragansett Wire	8-6-4	-----	Naradirect

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

TYPE "B" - OZONE RESISTANT INSULATION (NON-SHIELDED)

MANUFACTURER	3000 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u>	<u>MULTIPLE CONDUCTOR</u>	
	AWG Sizes	AWG Sizes	
The Okonite Company	8-6-4	8-6-4	Okonex- Okoprene
The Okonite Company	8-6-4	-----	Okolite- Okoprene
Paranite Wire & Cable	8-6-4	-----	Paranite Paraprene
Phelps Dodge Copper Products	8-6-4	8-6-4	Habirite- Habirprene
H. K. Porter	8-6-4	8-6-4	Flexlay -RR-
Reynolds Metals Co.	8-6-4	8-6-4	Reynolds
Rome Cable	8-6-4-	8-6-4	RoZone- RoPrene-ROR
Rome Cable	8-6-4	8-6-4	RoZone A- RoPrene-RBR
Simplex Wire & Cable	8-6-4	-----	Anhydrex Neoprene
Triangle Conduit & Cable	8-6-4	8-6-4	Trizone Trioprene
Walker Brothers	8-6-4	-----	USE
Whitney Blake	8-6-4	8-6-4	Whitney Blake

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

MANUFACTURER	TYPE "B" - OZONE RESISTANT INSULATION (NON-SHIELDED)		
	5000 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u> AWG Sizes	<u>MULTIPLE CONDUCTOR</u> AWG Sizes	
American Insulated Wire	8-6-4	8-6-4	A.I.W. Corp.
American Steel & Wire	8-6-4	8-6-4	Amerprene -"B"-
Anaconda Wire & Cable	8-6-4	8-6-4	Durasheath Airport
Circle Wire & Cable	8-6-4	8-6-4	USE - RR -
Colliyer Insulated Wire	8-6-4	8-6-4	Suprene RR
Cornish Wire Company	8-6-4	8-6-4	Cornish Wire Co.
Crescent Insulated Wire & Cable	8-6-4	-----	Hyvolt Trenchwire
Crescent Insulated Wire & Cable	-----	8-6-4	Hyvolt Trenchcable
General Cable	8-6-4	8-6-4	General Cable
General Electric	8-6-4	8-6-4	GE Super Coronoi- Geoprene
Hatfield Wire & Cable	8-6-4	8-6-4	Permaprene
Kaiser Aluminum & Chemical Sales	8-6-4	8-6-4	Kaiser Airport Cable
Narragansett Wire	8-6-4	-----	Naradirect
The Okonite Company	8-6-4	8-6-4	Okonex-Okoprene
The Okonite Company	8-6-4	-----	Okolite-Okoprene
Paranite Wire & Cable	8-6-4	-----	Paranite Paraprene

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

TYPE "B" - OZONE RESISTANT INSULATION (NON-SHIELDED)

MANUFACTURER	5000 VOLT		APPROVED TRADE NAME
	SINGLE CONDUCTOR	MULTIPLE CONDUCTOR	
	AWG Sizes	AWG Sizes	
Phelps Dodge Copper Products	8-6-4	-----	Habirite- Habirprene
H. K. Porter	8-6-4	-----	Flexlay - RR -
Reynolds Metals Co.	8-6-4	8-6-4	Reynolds
Rome Cable	8-6-4	8-6-4	RoZone-RoPrene- ROR
Rome Cable	8-6-4	8-6-4	RoZone A-RoPrene- RBR
Simplex Wire & Cable	8-6-4	-----	Anhydrex Neoprene
Triangle Conduit & Cable	8-6-4	8-6-4	Trizone Trioprene
Walker Brothers	8-6-4	-----	USE
Whitney Blake	8-6-4	8-6-4	Whitney Blake

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

TYPE "B" - OZONE RESISTANT INSULATION (SHIELDED)

MANUFACTURER	3000 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u>	<u>MULTIPLE CONDUCTOR</u>	
	AWG Sizes	AWG Sizes	
Cornish Wire Company	8-6-4	-----	Cornish Wire Co.
General Cable	8-6-4	-----	General Cable
General Electric	8-6-4	8-6-4	GE Super Coronal- Geoprene
Hatfield Wire & Cable	8-6-4	-----	Permaprene
Reynolds Metals Company	8-6-4	-----	Reynolds
Triangle Conduit & Cable	8-6-4	-----	Trizone Trioprene
Walker Brothers	8-6-4	-----	USE
H. K. Porter	8-6-4	-----	Flexlay, Type RR

L-824 - Underground Electrical Cables
For Airport Lighting Circuits
(continued)

MANUFACTURER	TYPE "B" - OZONE RESISTANT INSULATION (SHIELDED)		
	5000 VOLTS		APPROVED TRADE NAME
	SINGLE CONDUCTOR AWG Sizes	MULTIPLE CONDUCTOR AWG Sizes	
Cornish Wire Company	8-6-4	-----	Cornish Wire Company
General Cable	8-6-4	-----	General Cable
General Electric	8-6-4	8-6-4	GE Super Coronol- Geoprene
Hatfield Wire & Cable	8-6-4	-----	Permaprene
Kaiser Aluminum & Chemical Sales	8-6-4	-----	Kaiser Airport Cable
Narragansett Wire	8-6-4	-----	Naradrect
H. K. Porter	8-6-4	-----	Flexlay, Type RR
Phelps Dodge Copper Products	8-6-4	-----	Habirite Habirprene
Simplex Wire & Cable	8-6-4	-----	Anhydrex XX
Triangle Conduit & Cable	8-6-4	-----	Trizone Trioprene
Walker Brothers	8-6-4	-----	USE

L-827 - "A" Frame Hinged Support For 12-Foot Wind Cone

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	FL-624	

L-828 - Saturable Reactor Type Constant
Current Regulator with Stepless
Brightness Control

APPROVED CATALOG NUMBERS

MANUFACTURER	10 KW	20 KW	30 KW
Hevi-Duty Electric	54800P	52980P	54780P

L-829 - Internally Lighted Airport Taxi Guidance SignTYPE I - SERIES (SIGN ONLY) - 6.6 AMPERES

MANUFACTURER	APPROVED CATALOG NUMBERS	NUMBER OF SECTIONS
Crouse-Hinds	44767	1
	44768	2
	44769	3
	44770	4
	44771	5
	44772	6
Standard Signs	1901	1
	1902	2
	1903	3
	1904	4
	1905	5
	1906	6
	1907	7
	1908	8

TYPE II - MULTIPLE (SIGN ONLY) - 120 VOLTS

Crouse-Hinds	44767M	1
	44768M	2
	44769M	3
	44770M	4
	44771M	5
	44772M	6
Standard Signs	1901M	1
	1902M	2
	1903M	3
	1904M	4
	1905M	5
	1906M	6
	1907M	7
	1908M	8

NOTE: Manufacturer's catalog number listings for above signs show the various mounting assemblies. See Page 29 for L-833 Transformer Suppliers. See Page 30 for L-834 Transformer Suppliers.

L-833 - Individual Lamp Series-To-Series Type Insulating
Transformer for 600 Volt or 3000 Volt Series Circuits

APPROVED CATALOG NUMBERS

MANUFACTURER	WITHOUT EXTRA CABLE ASSEMBLIES	WITH EXTRA CABLE ASSEMBLIES
Elastimold Division	1954-B1	1954-C1
General Electric	3303795AB	3303795
Jefferson Electric	345-101	345-101-001

L-834 - Transformer For 5000 Volt Series Circuit

APPROVED CATALOG NUMBERS

MANUFACTURER	APPROVED CATALOG NUMBERS			
	WITHOUT EXTRA CABLE ASSEMBLIES		WITH EXTRA CABLE ASSEMBLIES	
	TYPE I 100W	TYPE II 200W	TYPE I 100W	TYPE II 200W
Elastimold Division	2043-A1	2034-B1	2043-C1	2034-C1
General Electric		3303782AB		3303782
Jefferson Electric	345-102	345-103	345-102-001	345-103-001

L-837 - Large-Size Light Base and Transformer Housing

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
B. Feneno	BF-1677	
Crouse-Hinds	FL-7963	
Engineering & Manufacturing	C-5228	
Line Material	LP44Y1	
Vega Industries	6320	

L-838 - Semiflush Prismatic Airport Light

MANUFACTURER	APPROVED CATALOG NUMBERS		
	TYPE I BIDIRECTIONAL	TYPE II UNIDIRECTIONAL	TYPE III UNIDIRECTIONAL
Multi Electric	950-300	952-300	960-335
Crouse-Hinds	FMB-47620	FMU-47621	

L-839 - Individual Lamp Series-To-Series Type
Insulating Transformer for 5000 Volt Series
Circuit 6.6/20 Amperes 300 Watt

APPROVED CATALOG NUMBERS

MANUFACTURER

WITHOUT EXTRA CABLE ASSEMBLIES WITH EXTRA CABLE ASSEMBLIES

Jefferson
Electric Co.

345-107

345-107-001

L-840 - Low Intensity Runway, Landing
Strip, and Taxiway Light

APPROVED CATALOG NUMBERS

MANUFACTURER	Clear	Green	Blue	Remarks
Line Material	LP3F1	LP3F2	LP3F3	
Crouse-Hinds	SRL-47616	SRL-47618	SRL-47617	
Standard Signs Incorporated	3001C	3001G	3001B	

L-841 - Auxiliary Relay Cabinet Assembly For
Pilot Control of Airport Lighting Circuits

MANUFACTURER	APPROVED CATALOG NUMBER	REMARKS
Crouse-Hinds	51503	

L-842 - Airport Centerline Light

APPROVED CATALOG NUMBERS

MANUFACTURER	TYPE I		TYPE II	
	STYLE A	STYLE B	STYLE A	STYLE B
Westinghouse Electric	S890D306G02	S890D306G05	S#890D306G04	S#890D306G06
Structural Electric Products Corp.	18495		18240	

L-844 - Individual Lamp Series-To-Series Type Insulating
Transformer For 5000 Volt Series Circuit 20/6.6 Amperes
200 Watt

APPROVED CATALOG NUMBERS

MANUFACTURER

WITHOUT EXTRA
CABLE ASSEMBLIES

WITH EXTRA
CABLE ASSEMBLIES

Elastimold Division

2023-B1

Jefferson Electric Co.

345-108

345-108-001

L-845 - Semiflush Inset Prismatic Airport Light

MANUFACTURER	APPROVED CATALOG NUMBERS	DESCRIPTION
Multi Electric	1100	Unidirectional Fixture With Lamp Base

CAA-291 - 36" Rotating Beacon

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	41281B	
Westinghouse Electric	S#1122015	

8/15/63

CAA-446 - 300MM Hazard Beacon (Red)

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	41257D	
Hughey & Phillips	KG114	Suffix 3 - 3/4" Tap; Suffix 4 - 1" Tap
Revere Electric	7301A	
Westinghouse Electric	S#1569320	

MIL-I-7854 - 12-Foot Wind Cone

APPROVED CATALOG NUMBERS

MANUFACTURER

PIPE MOUNTING

External Lighting	External Lighting Less Cone	Less Lighting Less Cone	Nylon Cone Only	Remarks
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Crouse-Hinds

44621

Revere Electric

444

443

470

Less Hinged
Support

Westinghouse Electric

S#1372850

S#1372851

APPENDIX 1

MAJOR EQUIPMENT ASSOCIATED WITH LIGHTING SYSTEMS

LOW INTENSITY LIGHTING SYSTEM

DESIGNATION OF EQUIPMENT	PAGE
L-801 -----	1
L-807 -----	3
L-810 -----	6
L-824 -----	16
L-840 -----	34

MEDIUM INTENSITY LIGHTING SYSTEM

L-802 -----	2
L-807 -----	3
L-808 -----	4
L-809 -----	5
L-810 -----	6
L-811 -----	7
L-812 -----	8
L-816 -----	10
L-821 -----	12
L-823 -----	14
L-824 -----	16
L-827 -----	26
L-833 -----	29

MEDIUM INTENSITY LIGHTING SYSTEM
(continued)

DESIGNATION OF EQUIPMENT	PAGE
L-837 -----	31
L-841 -----	35
CAA-291 -----	39
CAA-446 -----	40
MIL-I-7854 -----	41

HIGH INTENSITY LIGHTING SYSTEM

L-808 -----	4
L-809 -----	5
L-810 -----	6
L-819 -----	11
L-821 -----	12
L-823 -----	14
L-824 -----	16
L-827 -----	26
L-828 -----	27
L-834 -----	30
L-837 -----	31
L-838 -----	32
L-839 -----	33
L-841 -----	35
L-844 -----	37

HIGH INTENSITY LIGHTING SYSTEM

(continued)

<u>DESIGNATION OF EQUIPMENT</u>	<u>PAGE</u>
L-845 -----	38
CAA-291 -----	39
CAA-446 -----	40
MIL-I-7854 -----	41

TAXIWAY LIGHTING SYSTEM

L-809 -----	5
L-812 -----	8
L-813 -----	9
L-816 -----	10
L-821 -----	12
L-822 -----	13
L-823 -----	14
L-824 -----	16
L-829 -----	28
L-833 -----	29
L-834 -----	30
L-841 -----	35

NARROW GAUGE LIGHTING SYSTEM

L-821 -----	12
L-823 -----	14
L-824 -----	16
L-828 -----	27

NARROW GAUGE LIGHTING SYSTEM
(continued)

<u>DESIGNATION OF EQUIPMENT</u>	<u>PAGE</u>
L-834 -----	30
L-837 -----	31
L-838 -----	32
L-841 -----	35
L-844 -----	37
L-845 -----	38

CENTERLINE LIGHTING SYSTEM

L-812 -----	8
L-821 -----	12
L-823 -----	14
L-824 -----	16
L-828 -----	27
L-834 -----	30
L-837 -----	31
L-841 -----	35
L-842 -----	36
L-844 -----	37

APPENDIX 2

L-800 SERIES OBSOLESCEENT EQUIPMENT

EQUIPMENT	TITLE	PREVIOUS SUPPLIER
L-815	Indoor Type Transformer Assembly; 1½, 3, 5, 7½ and 10 KVA; With Brightness Control for Remote Operation	Hevi-Duty Electric
L-817	Circuit Selector Cabinet Assembly for 600 Volt Multiple Circuits	Westinghouse Electric
L-818	500 Watt High Intensity Runway Light with Automatic Beam Control	Crouse-Hinds Line Material
L-820	Fixed Focus Uni-Directional High Intensity Runway Light	Crouse-Hinds Revere Electric Westinghouse Electric
L-830	Insulating Transformer with 600 Volt Primary and 120 Volt Secondary	Jefferson Electric
L-831	Insulating Transformer 2400 Volts Primary/120 Volts Secondary 500 Watts	Jefferson Electric
L-835	Individual Lamp Insulating Transformer for 600 Volt Multiple Circuits	Jefferson Electric
L-836	Induction Voltage Regulator Assembly with Brightness Control 50 KVA Load	General Electric

NOTE: In regard to the availability of the above equipment, contact previous suppliers or Airports Service Regional and/or District office.

APPENDIX 3

ADDRESS LIST

EQUIPMENT MANUFACTURERS (OTHER THAN CABLE)

Elastimold Division of Elastic Stop Nut Corporation of America Esna Park Hackettstown, New Jersey	Joy Manufacturing Company Electrical Products Division 338 South Broadway New Philadelphia, Ohio
B. Feneno Company 213 Camden Street Roxbury 18, Massachusetts	Line Material Industries P. O. Box 6068 Arlington, Virginia
Crouse-Hinds Company P. O. Drawer 131 Syracuse 1, New York	Line Material Industries Lighting Marketing Department P. O. Box 116 South Milwaukee, Wisconsin
Engineering and Manufacturing Company 611-27 North Fortieth Street Philadelphia 4, Pennsylvania	Multi Electric Manufacturing, Inc. 4223-43 West Lake Street Chicago 24, Illinois
Federated Engineering Development Corporation 4630 East Floral Drive Los Angeles 22, California	Pacific Electriccord Company P. O. Box 10, Gardena Los Angeles County, California
Gar-Let Manufacturing Company, Inc. 401 Bridge Street Old Forge, Pennsylvania	Revere Electric Manufacturing Co. 7420 Lehigh Avenue Chicago 48, Illinois
General Electric Company Outdoor Lighting Department Hendersonville, North Carolina	Southwest Ornamental Iron Company 1722-1730 Tracy Avenue Kansas City 8, Missouri
Hevi-Duty Electric Company 304 Hart Street Watertown, Wisconsin	Standard Signs, Incorporated 3190 East Sixty-Fifth Street Cleveland 27, Ohio
Hughey and Phillips, Incorporated 3200 North San Fernando Boulevard Burbank, California	Structural Electric Products, Corp. Windsor Locks, Connecticut
Jefferson Electric Company Bellwood, Illinois	U. S. Controls, Incorporated 410 Fourth Avenue Brooklyn 15, New York

APPENDIX 3 - (continued)

Vega Industries
Special Products Division
Syracuse 5, New York

Westinghouse Electric Corporation
1000 Connecticut Avenue, N. W.
Washington 36, D. C.

NOTE: All manufacturers must obtain prior qualification approval in accordance with requirements of individual specifications in order to be listed in this advisory circular. Interested manufacturers should contact Federal Aviation Agency, Airports Service (AS-50), Washington, D. C. 20553

APPENDIX 4

ADDRESS LIST - CABLE MANUFACTURERS

American Insulated Wire Corporation Central Avenue and Freeman Street Pawtucket, Rhode Island	Narragansett Wire Company 541 Pawtucket Avenue Pawtucket, Rhode Island
American Steel and Wire Division U. S. Steel Corporation Commonwealth Building Washington 6, D. C.	The Okonite Company Passaic, New Jersey
Anaconda Wire and Cable Company Hastings-on-Hudson 6, New York	Paranite Wire and Cable Division Essex Wire Corporation 2601 South Adams Street Marion, Indiana
Circle Wire and Cable Corporation 5500 Maspeth Avenue Maspeth, New York	Phelps Dodge Copper Product Corp. 300 Park Avenue New York 22, New York
Collyer Insulated Wire Company, Inc. Pawtucket, Rhode Island	H. K. Porter Company, Inc. National Electric Division 338 14th Street Ambridge, Pennsylvania
Cords Limited Division of Essex Wire Corporation 121 Dodge Avenue De Kalb, Illinois	Reynolds Metals Company Product Design Engineering Front & Lloyd Streets Chester, Pennsylvania
Cornish Wire Company, Inc. Division of General Cable Corporation 101 Water Street Williamstown, Massachusetts	Rome Cable Corporation Rome, New York
Crescent Insulated Wire and Cable Co., Trenton 5, New Jersey	Simplex Wire and Cable Company 79 Sidney Street Cambridge 39, Massachusetts
General Cable Corporation 261 Constitution Avenue, N. W. Washington 1, D. C.	Triangle Conduit and Cable Company, Incorporated Triangle and Jersey Avenues New Brunswick, New Jersey
Hatfield Wire and Cable Division Hillside, New Jersey	Walker Brothers Conshohocken, Pennsylvania
Kaiser Aluminum & Chemical Sales, Inc. 900 17th Street, N. W. Farragut Building Washington 6, D. C.	

APPENDIX 4 - (continued)

Western Insulated Wire Company
2425 East Thirtieth Street
Los Angeles 58, California

Whitney Blake Company
Box K
New Haven 14, Connecticut

NOTE: All manufacturers must obtain prior qualification approval in accordance with requirements of individual specifications in order to be listed in this advisory circular. Interested manufacturers should contact Federal Aviation Agency, Airports Service (AS-50), Washington, D. C. 20553

APPENDIX 5

AIRPORTS SERVICE REGIONAL AND DISTRICT OFFICE ADDRESSES

Eastern Region

Chief, Airports Division
Federal Aviation Agency
Federal Building
New York International Airport
Jamaica, New York 11430

MASS., CONN., RHODE ISLAND,
MAINE, NEW HAMPSHIRE, VERMONT

District Airport Engineer
Federal Aviation Agency
2200 U.S. Custom House
Boston 9, Massachusetts

NEW YORK, NEW JERSEY

District Airport Engineer
Room 207
Hanger 17
New York International Airport
Jamaica, Long Island, New York 11430

DELAWARE, MARYLAND, VIRGINIA
WEST VIRGINIA

District Airport Engineer
Federal Aviation Agency
5311 Scoville Street
Baileys Crossroads, Virginia 22041

PENNSYLVANIA

District Airport Engineer
Federal Aviation Agency
Room 204, Terminal Building
Harrisburg-York State Airport
New Cumberland, Pennsylvania

OHIO, KENTUCKY

District Airport Engineer
Federal Aviation Agency
Room 215, New Terminal Building
4600 East 17th Avenue
Port Columbus
Columbus 19, Ohio

APPENDIX 5 - (Continued)

Southwest Region

Chief, Airports Division
Federal Aviation Agency
P. O. Box 1689
Fort Worth, Texas 76101

TEXAS

District Airport Engineer
Federal Aviation Agency
University Plaza Building
100 North University Drive
Fort Worth, Texas 76107

Mail - P. O. Box 9540

LOUISIANA, ARKANSAS

District Airport Engineer
Federal Aviation Agency
Room 221, Administration Building
Greater Shreveport Municipal Airport
Shreveport, Louisiana

Mail - P. O. Box 9000

OKLAHOMA, NEW MEXICO

District Airport Engineer
Federal Aviation Agency
911 Post Office Building
Oklahoma City, Oklahoma 73102

APPENDIX 5 - (Continued)

Southern Region

Chief, Airports Division
Federal Aviation Agency
3400 Whipple Avenue
East Point, Georgia

Mail .. P. O. Box 20636
Atlanta, Georgia 30320

GEORGIA, TENNESSEE

District Airport Engineer
Federal Aviation Agency
3400 Whipple Avenue, Room 232
East Point, Georgia

Mail - P. O. Box 20636
Atlanta, Georgia 30320

FLORIDA, PURERTO RICO, VIRGIN ISLANDS

District Airport Engineer
Federal Aviation Agency
FAA Weather Bureau Building
Room 208
Miami International Airport
Miami 59, Florida

Mail - P. O. Box 59-2014

ALABAMA, MISSISSIPPI

District Airport Engineer
Federal Aviation Agency
3100 Old Canton Road
Morgan Building
Jackson 5, Mississippi

Mail - P. O. Box 1727

NORTH CAROLINA, SOUTH CAROLINA

District Airport Engineer
Federal Aviation Agency
Tull Office Building
230 North Independence Boulevard
Charlotte 4, North Carolina

APPENDIX 5 - (Continued)

Central Region

Chief, Airports Division
Federal Aviation Agency
4825 Troost Avenue
Kansas City, Missouri 64110

KANSAS, MISSOURI

District Airport Engineer
Federal Aviation Agency
2711 Federal Office Building
911 Walnut Street
Kansas City, Missouri 64106

MINNESOTA, NORTH DAKOTA,
WISCONSIN

District Airport Engineer
Federal Aviation Agency
622 Commerce Building
4th & Wabasha Streets
St. Paul 1, Minnesota

IOWA, NEBRASKA, SOUTH DAKOTA

District Airport Engineer
Federal Aviation Agency
3910 South Street
Lincoln 6, Nebraska

ILLINOIS

District Airport Engineer
Federal Aviation Agency
1104 Custom House Building
610 South Canal Street
Chicago 7, Illinois

INDIANA, MICHIGAN

District Airport Engineer
Federal Aviation Agency
Room 526, Mutual Building
208 North Capitol Avenue
Lansing 7, Michigan

MONTANA

District Airport Engineer
Federal Aviation Agency
Montana Building
Helena, Montana

Mail - P. O. Box 157

APPENDIX 5 - (Continued)

Western Region

Chief, Airports Division
Federal Aviation Agency
5651 West Manchester Avenue
Los Angeles, California 90009

Mail .. P. O. Box 90007,
Airport Station

SOUTHERN CALIFORNIA

District Airport Engineer
Federal Aviation Agency
5885 West Imperial Highway
Los Angeles, California 90045

COLORADO, WYOMING

District Airport Engineer
Federal Aviation Agency
Peoples Bank Building Room 202
9635 Montview Boulevard
Denver 8, Colorado

Mail - P. O. Box 5

WASHINGTON, OREGON, IDAHO

District Airport Engineer
Federal Aviation Agency
Room 114, FAA Building
7300 Perimeter Road, Boeing Field
Seattle 8, Washington

UTAH, NEVADA

District Airport Engineer
Federal Aviation Agency
Room 220, 2nd Floor
Terminal Building
Reno Municipal Airport
Reno, Nevada

ARIZONA

District Airport Engineer
Federal Aviation Agency
2873 Sky Harbor Boulevard
Commerce Building No. 2
Sky Harbor Municipal Airport
Phoenix 34, Arizona

Mail - 2800 Sky Harbor Blvd.

NORTHERN CALIFORNIA

District Airport Engineer
Federal Aviation Agency
831 Mitten Road
Burlingame, California

Mail - P. O. Box 8307 Arpt. Sta.

APPENDIX 5 - (Continued)

Alaskan Region

Chief, Airports Division
Federal Aviation Agency
Headquarters Building
632 Sixth Avenue
Anchorage, Alaska 99501

Pacific Region

Chief, Airports Division
Federal Aviation Agency
Hawaiian Life Building
Room 101
Kapiolani Blvd. & Piikoi Street
Honolulu, Hawaii 96812

Mail - P. O. Box 4009