

T 3406

AC150/5345-1A

APPROVED AIRPORT LIGHTING EQUIPMENT



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FEDERAL AVIATION AGENCY

Federal Aviation Agency



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AIRPORTS

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SUBJECT : APPROVED AIRPORT LIGHTING EQUIPMENT

1. PURPOSE. This circular contains lists of approved airport lighting equipment and manufacturers qualified to supply their product in accordance with the indicated specification requirements. There are also lists of equipment required for a specific airport lighting system.
2. CANCELLATION. This circular cancels AC 150/5345-1, Approved Airport Lighting Equipment, dated August 15, 1963, and all six changes thereto.
3. REFERENCE. AC 150/5370-1, Standard Specifications for Construction of Airports, June 1959, with Change 1, Supplement No. 2, dated 1964.
4. BACKGROUND. The equipment and material listed in this advisory circular are assigned an L-800 series number and an advisory circular number. The original specifications with an L-800 series number were rewritten in accordance with the requirements of the Advisory Circular System. The specifications were assigned a number under the airport subject classification 150/5345.
5. EXPLANATION OF REVISIONS. This circular makes deletions and revisions to the lists of approved airport lighting equipment. It also adds new approved equipment and the suppliers thereof to the lists.
6. HOW TO GET THIS CIRCULAR. Obtain additional copies of this circular, AC 150/5345-1A, Approved Airport Lighting Equipment, from the Federal Aviation Agency, Distribution Unit, HQ-438, Washington, D. C. 20553.


Cole Morrow, Director
Airports Service

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L-802 - Runway and Strip Light

APPROVED CATALOG NUMBERS

MANUFACTURER	STAKE MOUNTED		BASE MOUNTED		STAKE WITH JUNCTION BOX	
	CLEAR	GREEN	CLEAR	GREEN	CLEAR	GREEN
Crouse-Hinds	47295E	47296E	47299E	47300E	47303E	47304E
General Electric	C948G109	C948G110	C948G106	C948G107		
Line Material	LP2E3	LP2E5	LP2E4	LP2E6		
Revere Electric	6074	6075	6071	6072		
Westinghouse Electric	810C751G02	810C751G03	810C751G06	810C751G04		
Multi Electric Mfg. Company	1093	1092	1083	1082		

L-801 - Beacon for Small Airports

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	44035	Clear-Green

L-807 - Eight-Foot Illuminated Wind Cone

APPROVED CATALOG NUMBERS

MANUFACTURER

OBSTRUCTION LIGHTS AND EXTERNAL LIGHTS	LIGHTS LESS LIGHTS	OBSTRUCTION LIGHTS ONLY	EXTERNAL LIGHTS ONLY	COMPLETE 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
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>	
	<u>SIDE</u> ENTRANCE HUB	<u>BOTTOM</u> ENTRANCE HUB	<u>SIDE</u> ENTRANCE HUB	<u>BOTTOM</u> ENTRANCE HUB
<u>Series - Medium Prefocus Sockets</u>				
Crouse-Hinds	44721	44506A	-----	44508A
General Electric	-----	C948G115	-----	C948G117
Hughey and Phillips	OB21P-4(a)	OB20P-4(a)	OB24P-4(a)	OB22P-4(a)
Revere Electric	-----	6051	-----	6053
Westinghouse Electric	-----	S#1569337	-----	S#1569339
<u>Multiple - Medium Screw Sockets</u>				
Crouse-Hinds	44722	44505A	-----	44507A
General Electric	-----	C948G114	-----	C948G116
Hughey and Phillips	OB21P-4(a)	OB20-4(a)	OB24-4(a)	OB22-4(a)
Revere Electric	-----	6051A	-----	6053A
Westinghouse Electric	-----	S#1569336	-----	S#1569338

REMARKS:

(a) Use Suffix 3 For 3/4" Tap When Required.

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

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
General Electric	C901G100	
Hevi-Duty Electric	W19935-811	

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

MANUFACTURER	APPROVED CATALOG NUMBERS	
	Size I - 4 KW	Size II - 7½ KW
General Electric	C901G101	C901G102
Hevi-Duty Electric	52610	D-52640

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

General Electric

C901G103

C901G104

Hevi-Duty Electric

52620

D-52650

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

MANUFACTURER	APPROVED CATALOG NUMBERS	
	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	44607A	44608A	44609A		Specify 12" or 16" Base Plate
General Electric	C948G100	-----	-----		360° White
General Electric	-----	C948G102	-----		180° Green (2)
General Electric	-----	-----	C948G101		180° Yellow
Line Material	LP1C1	-----	-----		12" Base Plate
Line Material	LP1C2	-----	-----		16" Base Plate
Multi Electric	1171	-----	-----		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

CPF-3

Federated Engineering
Development Corp.

201-821S

202-821S

201-821F

202-821F

203-821F

U.S. Controls

Type S
Size 1Type S
Size 2Type F
Size 1Type F
Size 2Type F
Size 3Westinghouse
Electric

CL5C841G01 CL5C861G01 CL5C851G01 CL5C831G01 CL5C871G01

L-822 - Taxiway Edge Light

APPROVED CATALOG NUMBERS

MANUFACTURER

STAKE MOUNTED
(BLUE)

BASE MOUNTED
(BLUE)

STAKE WITH
JUNCTION BOX (BLUE)

Crouse-Hinds	47298E	47302E	47306E
General Electric	C948G113	C948G112	
Line Material	LP2E1	LP2E2	
Multi Electric	1094	1084	
Revere Electric	6076	6073	
Westinghouse Electric	810C751G09	810C751G07	

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	The Elastimold Division of ESNA	Cm
	Hatfield Wire & Cable	MC-27
	Joy Manufacturing	X8405M
	Pacific Electriccord	823-1a
	Westinghouse Electric	S#1567650
Fig. 1b	Waldo Electronics Co.	823-1a
	The Elastimold Division of ESNA	Cf
	Joy Manufacturing	X8405F
	Pacific Electriccord	823-1b
Fig. 1c	Waldo Electronics Co.	823-1b
	Cords Limited	C14313
	The Elastimold Division of ESNA	Cr
	Hatfield Wire & Cable	FC-17
	Joy Manufacturing	2G125F1A
Fig. 6a	Pacific Electriccord	823-1c
	Cords Limited	C14314
	The Elastimold Division of ESNA	Em
	Hatfield Wire & Cable	MC-26
	Joy Manufacturing	X8077M
	Pacific Electriccord	823-6a
	Waldo Electronics Co.	823-6a

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

TYPE AND SIZES	MANUFACTURER	APPROVED CATALOG NUMBERS
Fig. 6b	Cords Limited	C14315
	The Elastimold Division of ESNA	Ef
	Hatfield Wire & Cable	FC-19
	Joy Manufacturing	X8077F
	Pacific Electriccord	823-6b
	Waldo Electronics Co.	823-6b
Fig. 11	Cords Limited	C14316
	The Elastimold Division of ESNA	1839-E1
	Hatfield Wire & Cable	FC-18
	Joy Manufacturing	X8077MF
Fig. 14a/14b	The Elastimold Division of ESNA	54-F4-F4
	Joy Manufacturing	X8077-257
Fig. 14c/14d	The Elastimold Division of ESNA	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 Insulated Wire	12-10-8-6-4	12-10-8-6-4	A.I.W. Corp.
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	Naradrect
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)

TYPE "A" - PERFORMANCE INSULATION (NON-SHIELDED)			
MANUFACTURER	600 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u>	<u>MULTIPLE CONDUCTOR</u>	
	AWG Sizes	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 "B" - OZONE RESISTANT INSULATION (NON-SHIELDED)

MANUFACTURER	3000 VOLTS		APPROVED TRADE NAME
	SINGLE CONDUCTOR	MULTIPLE CONDUCTOR	
	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	-----	Naradrect

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

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

MANUFACTURER	3000 VOLTS		APPROVED TRADE NAME
	SINGLE CONDUCTOR	MULTIPLE CONDUCTOR	
	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
	SINGLE CONDUCTOR AWG Sizes	MULTIPLE CONDUCTOR 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 -
Collyer 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 Coronol- 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 VOLTS		APPROVED TRADE NAME
	<u>SINGLE CONDUCTOR</u>	<u>MULTIPLE CONDUCTOR</u>	
	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	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	MULTIPLE CONDUCTOR	
	AWG Sizes	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	-----	Naradirect
H. K. Porter	8-6-4	-----	Flexlay, Type RR
Phelps Dodge Copper Products	8-6-4	-----	Habirite Habirprene
Reynolds Metals Company	8-6-4	8-6-4	Reynolds
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 - Constant Current Regulator With
Stepless Brightness Control

APPROVED CATALOG NUMBERS
6.6 Amperes

MANUFACTURER	APPROVED CATALOG NUMBERS 6.6 Amperes		
	10 KW	20 KW	30 KW
Hevi-Duty Electric	54800P	52980P	54780P
General Electric		C901G420A	C901G440A

APPROVED CATALOG NUMBERS
20 Amperes

MANUFACTURER	APPROVED CATALOG NUMBERS 20 Amperes		
	10 KW	20 KW	30 KW
Hevi-Duty Electric	54810P	54790P	54820P
General Electric			C901G441A

APPROVED CATALOG NUMBERS
20 Amperes

MANUFACTURER	APPROVED CATALOG NUMBERS 20 Amperes	
	50 KW	70 KW
Hevi-Duty Electric	54580P	D-56740
General Electric	C901G460	

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

<u>MANUFACTURER</u>	<u>APPROVED CATALOG NUMBERS</u>	<u>NUMBER OF SECTIONS</u>
Crouse-Hinds	44767A	1
	44768A	2
	44769A	3
	44770A	4
	44771A	5
	44772A	6
	44863A	7
	44377A	8
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	44767AM	1
	44768AM	2
	44769AM	3
	44770AM	4
	44771AM	5
	44772AM	6
	44863AM	7
	44377AM	8
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 27 for L-833 Transformer Suppliers. See Page 28 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
The Elastimold Division of ESNA	1954-B4	1954-C4
General Electric	3303795AB	3303795

L-834 - Individual Lamp Series-To-Series Type Insulating
Transformer for 5000 Volt Series Circuit

APPROVED CATALOG NUMBERS

MANUFACTURER	WITHOUT EXTRA		WITH EXTRA	
	CABLE ASSEMBLIES		CABLE ASSEMBLIES	
	TYPE I 100W	TYPE II 200W	TYPE I 100W	TYPE II 200W
The Elastimold Division of ESNA	2043-A1	2034-B3	2043-C1	2034-C3
General Electric		3303782AB		3303782

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	
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	FMU-47669
Revere Electric	7715	7725	

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

General Electric

C906G303

C948G005

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

MANUFACTURER	APPROVED CATALOG NUMBERS			
	Clear	Green	Blue	Remarks
Line Material	LP3F1	LP3F2	LP3F3	
Crouse-Hinds	SRL-47616A	SRL-47618A	SRL-47617A	
Standard Signs Incorporated	3001C	3001G	3001B	
Mansfield Aircraftsman Co.	1000	2000	3000	

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

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Crouse-Hinds	51503	

L-842 - Airport Centerline Light

APPROVED CATALOG NUMBERS

MANUFACTURER

TYPE I
STYLE A STYLE B TYPE II
STYLE A STYLE B

Westinghouse Electric Corporation	890D847G05		890D847G04
Structural Electric Products Corporation	18495B		18240B
Sylvania Electric Products Incorporated	PG3001		PG3002

L-842 - Airport In-Runway Touchdown
Zone Light

APPROVED CATALOG NUMBERS

MANUFACTURER

TYPE A

TYPE B

Westinghouse Electric

(W) S#890D349G03

(W) S#890D350G02

Crouse-Hinds Company

F1U47983

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

The Elastimold Division
of ESNA

2023-B2

General Electric

C906G302

L-845 - Semiflush Inset Prismatic Airport Light

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

L-846 - Electrical Wire for Lighting
Circuits to be Installed in
Airport Pavements

MANUFACTURER	AWG SIZES	APPROVED TRADE NAME
General Cable	14-12-10	General Cable - L-846
Plastic Wire and Cable Corporation	14-12-10	Plastic Wire and Cable- L-846
American Insulated Wire Corporation	14-12-10	AIW Corporation - L-846
Crescent Insulated Wire and Cable	14-12-10	Crescent - L-846

L-847 - Circuit Selector Switch,
5000 Volt 20 Ampere

MANUFACTURER	APPROVED CATALOG NUMBERS	DESCRIPTION
General Electric	C942G027	Circuit Selector Switch, Two-Circuit, 5000 Volt 20 Ampere Capacity, 120 Volt 60 Cycle Control

8/9/66

L-848 - Medium Intensity Approach
Light Bar Assembly

MANUFACTURER	APPROVED CATALOG NUMBERS	REMARKS
Sylvania Electric Products Incorporated	LB2510	When ordering a system, specify: (1) lamp voltage, (2) Type T or H mounting, (3) number of light bars to be used with sequenced flashers, and (4) aiming device.

L-849 - Condenser Discharge Type
Flashing Light

MANUFACTURER	TYPE	APPROVED CATALOG NUMBERS REILS	REMARKS
Sylvania Electric Products Inc.	I	CD2501	Input current - 2.8-6.6 amperes. An aiming device and master timer are furnished with each system
Sylvania Electric Products Inc.	II	CD2501	Input current - 4.8-6.6 amperes. An aiming device and master timer are furnished with each system
Sylvania Electric Products Inc.	III	CD2502	Input voltage - 120 volts. An aiming device and master timer are furnished with each system
Sylvania Electric Products Inc.	IV	CD2502	Input voltage - 240 volts. An aiming device and master timer are furnished with each system

MANUFACTURER	TYPE	APPROVED CATALOG NUMBER SF	REMARKS
Sylvania Electric Products Inc.	III	CD2502	Input voltage - 120 volts. An aiming device and master timer are furnished with each system

L-849 - Condenser Discharge Type
Flashing Light
(continued)

MANUFACTURER	TYPE	APPROVED CATALOG NUMBERS SF	REMARKS
Sylvania Electric Products Inc.	IV	CD2502	Input voltage - 240 volts. An aiming device and master timer are furnished with each system

CAA-291 - 36-Inch Rotating Beacon

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

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

PIPE MOUNTING

MANUFACTURER

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 -----	32

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 -----	24

MEDIUM INTENSITY LIGHTING SYSTEM
(continued)

DESIGNATION OF EQUIPMENT	PAGE
L-833 -----	27
L-837 -----	29
L-841 -----	33
CAA-291 -----	43
CAA-446 -----	44
MIL-I-7854 -----	45

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 -----	24
L-828 -----	25
L-834 -----	28
L-837 -----	29
L-838 -----	30
L-839 -----	31
L-841 -----	33

HIGH INTENSITY LIGHTING SYSTEM
(continued)

DESIGNATION OF EQUIPMENT	PAGE
L-844 -----	36
L-845 -----	37
CAA-291 -----	43
CAA-446 -----	44
MIL-I-7854 -----	45

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 -----	26
L-833 -----	27
L-834 -----	28
L-841 -----	33

TOUCHDOWN ZONE LIGHTING SYSTEM

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

NARROW GAUGE LIGHTING SYSTEM
(continued)

DESIGNATION OF EQUIPMENT	PAGE
L-828 -----	25
L-834 -----	28
L-837 -----	29
L-838 -----	30
L-841 -----	33
L-843 -----	35
L-844 -----	36
L-845 -----	37
L-846 -----	38

CENTERLINE LIGHTING SYSTEM

L-812 -----	8
L-821 -----	12
L-823 -----	14
L-824 -----	16
L-828 -----	25
L-834 -----	28
L-837 -----	29
L-841 -----	33
L-842 -----	34
L-844 -----	36
L-846 -----	38

MEDIUM INTENSITY APPROACH LIGHT SYSTEM
WITH SEQUENCED FLASHING LIGHTS

DESIGNATION OF EQUIPMENT	PAGE
L-821 -----	12
L-824 -----	16
L-848 -----	40
L-849 -----	41

RUNWAY END IDENTIFIER LIGHT SYSTEM

L-821 -----	12
L-824 -----	16
L-849 -----	41

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 Unidirectional High Intensity Runway Light	Crouse-Hinds Revere Electric Westinghouse 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 OF EQUIPMENT MANUFACTURERS (OTHER THAN CABLE)

B. Feneno Company 213 Camden Street Roxbury, Massachusetts 02118	Line Material Industries P.O. Box 6068 Arlington, Virginia 22206
Crouse-Hinds P.O. Drawer 131 Syracuse, New York 13201	Line Material Industries Lighting Marketing Department P.O. Box 116 South Milwaukee, Wisconsin 53201
Elastimold Division of Elastic Stop Nut Corporation of America Esna Park Hackettstown, New Jersey 07840	Multi Electric Manufacturing, Inc. 4223 - 43 West Lake Street Chicago, Illinois 60624
Engineering and Manufacturing Company 611 - 27 North Fortieth Street Philadelphia, Pennsylvania 19104	Pacific Electriccord Company P.O. Box 10, Gardena Los Angeles County, California 90005
Federated Engineering Development Corporation 4630 East Floral Drive Los Angeles, California 90022	Plastic Wire and Cable Corporation Box 486 Jewett City, Connecticut 06351
Gar-Let Manufacturing Company, Inc. 401 Bridge Street Old Forge, Pennsylvania 18518	Revere Electric Manufacturing Company 7420 Lehigh Avenue Chicago, Illinois 60648
General Electric Company Outdoor Lighting Department Hendersonville, North Carolina 28739	Southwest Ornamental Iron Company 1722 - 1730 Tracy Avenue Kansas City, Missouri 64108
Hevi-Duty Electric Company 304 Hart Street Watertown, Wisconsin 53094	Standard Signs, Incorporated 3190 East Sixty-Fifth Street Cleveland, Ohio 44127
Hughey and Phillips, Incorporated 3200 North San Fernando Boulevard Burbank, California 91504	Structural Electric Products Corp. Windsor Locks, Connecticut 06096
Joy Manufacturing Company Electrical Products Division 338 South Broadway New Philadelphia, Ohio 44663	Sylvania Electric Products Inc. Ipswich, Massachusetts 01938

U.S. Controls, Incorporated
410 Fourth Avenue
Brooklyn, New York 11215

Westinghouse Electric Corporation
Lighting Division Headquarters
1216 West 58th Street
Cleveland, Ohio 44101

Vega Industries
Special Products Division
Syracuse, New York 13205

Westinghouse Electric Corporation
Lighting Sales Department
1625 K Street, N.W.
Washington, D.C. 20006

Waldo Electronics Co., Inc.
515 East Main Street
Bound Brook, New Jersey 08805

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 the Federal Aviation Agency, Airports Service (AS-500), Washington, D.C. 20553.

APPENDIX 4. ADDRESS LIST OF CABLE MANUFACTURERS

American Insulated Wire Corporation Central Avenue and Freeman Street Pawtucket, Rhode Island 02860	Kaiser Aluminum & Chemical Sales, Inc. 900 17th Street, N.W. Washington, D.C. 20006
American Steel and Wire Division U.S. Steel Corporation Commonwealth Building Washington, D.C. 20006	Narragansett Wire Company 541 Pawtucket Avenue Pawtucket, Rhode Island 02860
Anaconda Wire and Cable Company Hastings-on-Hudson, New York 10706	The Okonite Company Passaic, New Jersey 07055
Circle Wire and Cable Corporation 5500 Maspeth Avenue Maspeth, New York 11378	Paranite Wire and Cable Division Essex Wire Corporation 2601 South Adams Street Marion, Indiana 46952
Collyer Insulated Wire Company, Inc. Pawtucket, Rhode Island	Phelps Dodge Copper Product Corp. 300 Park Avenue New York, New York 10022
Cords Limited Division of Essex Wire Corporation 121 Dodge Avenue De Kalb, Illinois 60115	H. K. Porter Company, Inc. National Electric Division 338 14th Street Ambridge, Pennsylvania 15003
Cornish Wire Company, Inc. Division of General Cable Corporation 101 Water Street Williamstown, Massachusetts 01267	Reynolds Metals Company Product Design Engineering Front & Lloyd Streets Chester, Pennsylvania 19013
Crescent Insulated Wire and Cable Co. Trenton, New Jersey 08605	Rome Cable Corporation Rome, New York 13440
General Cable Corporation 206 Indiana Avenue, N.W. Washington, D.C. 20001	Simplex Wire and Cable Company 79 Sidney Street Cambridge, Massachusetts 02139
General Electric Company Wire-Cable Department 1285 Boston Avenue Bridgeport, Connecticut 06602	Triangle Conduit and Cable Company, Incorporated Triangle and Jersey Avenues New Brunswick, New Jersey 08902
Hatfield Wire and Cable Division Hillside, New Jersey 07205	Walker Brothers Conshohocken, Pennsylvania 19428

Western Insulated Wire Company
2425 East Thirtieth Street
Los Angeles, California 90058

Whitney Blake Company
Box K
New Haven, Connecticut 06514

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 the Federal Aviation Agency, Airports Service (AS-500), Washington, D.C. 20553.