



Flight Light Inc.  
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**MALSF System**  
**Honeywell**

# MALSF System

Model: GEA20-2325-3

Three Intensity

The Honeywell MALSF System is a medium intensity approach lighting system with flashing that provides a visual lighting path for landing aircraft.

The MALSF system usually is a 1400-foot-long array of lights but can be longer or shorter depending on local terrain and requirements.

A typical MALSF system consist of the following light fixture components:

- 9 light bars each with 5 steady burning white PAR38 fixtures
- 5 sequence flashing white PAR56 fixtures
- Threshold bar of 18 steady burning green PAR56 fixtures.

The MALSF system can be mounted on 2-inch EMT, up to a 6-foot mounting height or on frangible towers over 6 feet.

System control of the sequence flashing lights is accomplished through the master controller selecting one of three light intensities: low, medium, or high. Both the sequence flashing and the steady burning light systems provide for either local or remote control.



Typical MALSF Layout

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**MALSF System Components - GEA20-2325-3**

System Components	Qty	Part Number	Weight (lb)
Control cabinet, 120/240 V	1	GEA20358	70.0
Power supply, 120/240 V	3	GEA20540A-1	80.0
Flash head	3	GEA20360	4.0
Cable assembly, 60 ft	3	GEA20151-1	5.0
Junction box	3	GEA20169	7.0
Frangible coupling	32	40000163-001	1.0
Flanges:			
- Floor	14	B1A0009SDE3	1.0
- Base	8	GEA20316-1	0.5
Transformer, 15 k Va	1	GEA20361	290.0
PAR38 fixture	45	GEA20460	1.0
PAR56 fixture	18	GEA80	3.0
Filter, green	18	AP3510G	2.0
Aiming device, PAR38	1	GEA20515	0.1
Aiming device	1	GEA80008	0.5
Flasher tester	1	GEA20362-1	4.0
Manual	1	BFG-M1035	—

**MALSF System Specification - GEA20-2325-3**

<b>OPERATIONAL:</b>		
Sequence flashing lights	Input power	120/240 V ac, 60 Hz; single-phase, 3-wire center tap
	Current	62.5 A ac
	Power	15 k Va
<b>ENVIRONMENT:</b>		
	Temperature	-55 to +55°C
	Relative humidity	0 to 95%
	Altitude	10,000 ft
<b>PHOTOMETRIC:</b>		
	High intensity	8,000 to 20,000 candela
	Medium intensity	800 to 2,000 candela
	Low intensity	150 to 450 candela
<b>EQUIPMENT:</b>	Sequence flashing FFA-E-2325	
<b>APPLICATIONS:</b>	Category I	

**MALSF System Components - GEA20-2325-3**

System Components	Qty	Part Number	Weight (lb)
MALSR spare parts trunk	1	+88A00100	—
Lamp, 300 W, 120 V	21	300PAR56/NSP	1.0
Lamp, 150 W, 20/20 A	45	150PAR56/SP	1.0
Transformer bases with cover	—	L-867B	—
Frangible tower assemblies	—	—	—

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