

A - 1 2 0 0 . . / . .

A P P R O A C H , T H R E S H O L D & R U N W A Y E N D L I G H T

L O W I N T E N S I T Y - U N I D I R E C T I O N A L - E L E V A T E D

RELATED STANDARDS

FAA : A-1200 is in accordance with FAA specifications E-982 for the general constructional concept

ICAO : A-1200 is in accordance with Annex 14, Vol.1 and Aerodrome Design Manual Part 4

NATO : A-1200 is in accordance with STANAG 3316

APPLICATIONS

- As high intensity approach light in CAT I, II & III conditions
- As high intensity threshold and threshold wingbar light in CAT I, II & III conditions
- As runway edge light

IMPORTANT FEATURES

- Easily mounted** with breakable coupling over a 2" conduit elbow.
- Needs no maintenance** with its aluminium body and optics, temperature resistant wiring, gasket and front glass and stainless steel screws.
- Lamp changed from the back** easily without removing the reflector and front glass. PK30d quartz halogen, prefocused lamp needs no special equipment to be changed.
- Optical adjustment** is done easily by two screws.
- Energy saver** using 200W lamp for threshold, 150W for approach and 45W for runway end.

INSTALLATION

On 2" conduit elbow.



FIGURE 1

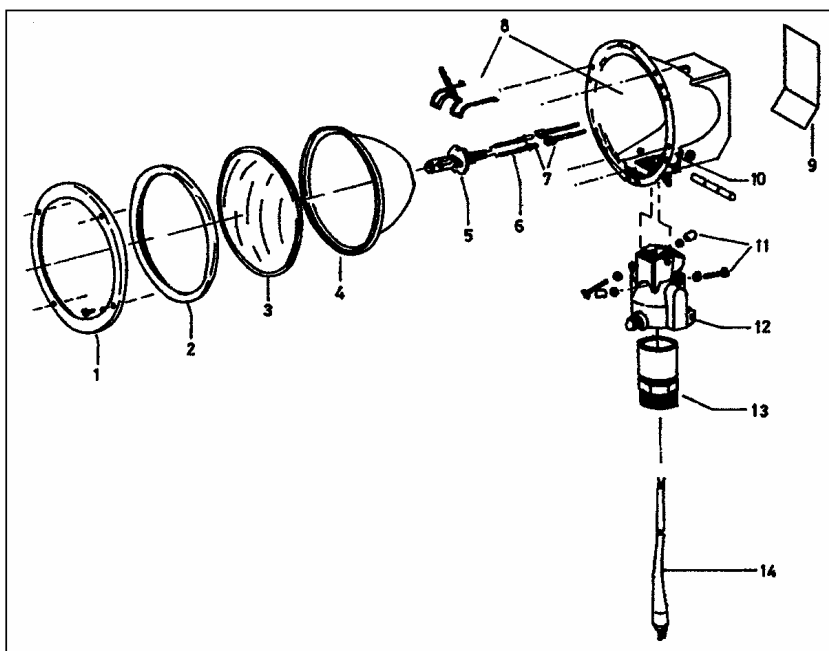


FIGURE 3

CONSTRUCTION

1. Front ring
2. Heat resistant gasket
3. Front glass
4. Anodized specular reflector
5. PK30d quartz halogen, prefocused lamp
6. Heat resistant internal wiring
7. Electrical connectors
8. Upper body and lamp holder, die-cast aluminium
9. Back cover
10. Space for short circuit relay
11. Screws for angle adjustment
12. Lower body, die-cast aluminium
13. Breakable coupling
14. 2-pole plug to FAA L-823 with heat resistant wires

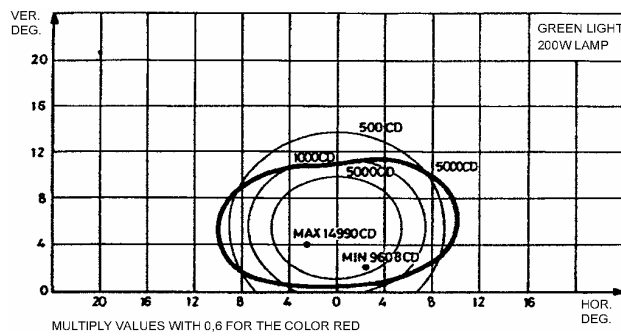
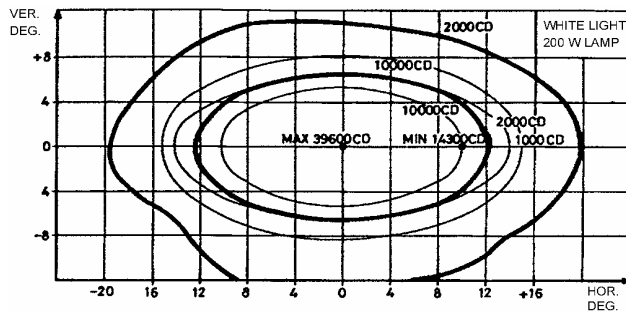
ELECTRICAL SUPPLY

6,6A through a 200W isolating transformer.

OPTICAL PERFORMANCE

45,150 or 200W-6,6A prefocused, quartz halogen PK30d lamp, 1000 hours rated life at full intensity.

A-1200	Color	Lamp (W)	Average Intensity Cd.	Beam Spread	
				Horizontal	Vertical
Approach Center Line	White	150	23800	-10° to 10°	2° to 13°
Approach Side-row	Red	150	7150	-5° to 9°	3° to 13°
Threshold	Green	200	10800	-2° to 9°	2° to 11°
Threshold Wingbar	Green	200	10250	-5° to 9°	2° to 13°
Runway End	Red	45	2800	-6° to 9°	0,2° to 4,5°



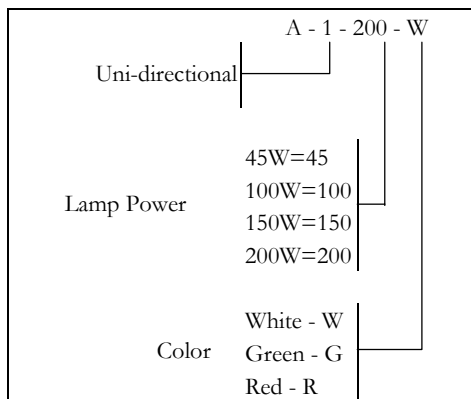
FINISH

Phosphating and baked polyester electrostatic powder coating. The color is aviation yellow and hardware is made of stainless steel.

WEIGHT

Net weight is 2.75 kg.

ORDERING CODE



PACKING INFO

In cardboard boxes of 30x25x20 cm.