
INTERNATIONAL STANDARD



1198

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Sealed-beam landing lamps for aircraft — Dimensions

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FOREWORD

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Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 1198 (originally Draft No. 850) was drawn up by Technical Committee ISO/TC 20, *Aircraft and space vehicles*.

It was approved in March 1966 by the Member Bodies of the following countries :

Argentina	Egypt, Arab Rep. of	Spain
Belgium	France	Switzerland
Brazil	Israel	United Kingdom
Canada	Italy	U.S.A.
Chile	Japan	U.S.S.R.
Czechoslovakia	Netherlands	Yugoslavia

The Member Body of the following country expressed disapproval of the document :

Germany

Sealed-beam landing lamps for aircraft – Dimensions

1 SCOPE AND FIELD OF APPLICATION

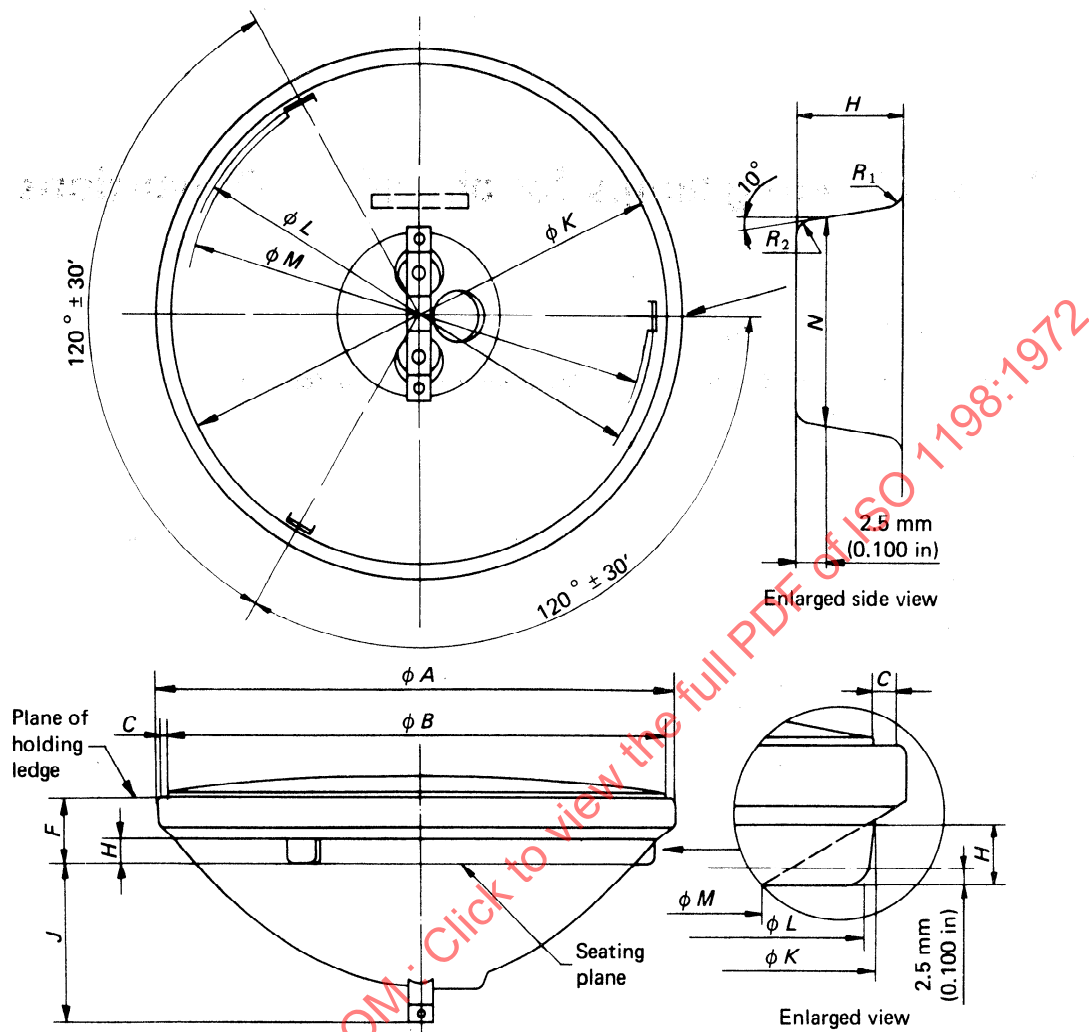
This International Standard gives the dimensions for sealed-beam landing lamps for aircraft.

2 DIMENSIONS

The dimensions of sealed-beam landing lamps for aircraft shall comply with Figures 1 to 3 as follows :

- 28 V – 600 W lamp : Figure 1;
- 28 V – 600/400 W lamp : Figure 2;
- 28 V – 250 W lamp : Figure 3.

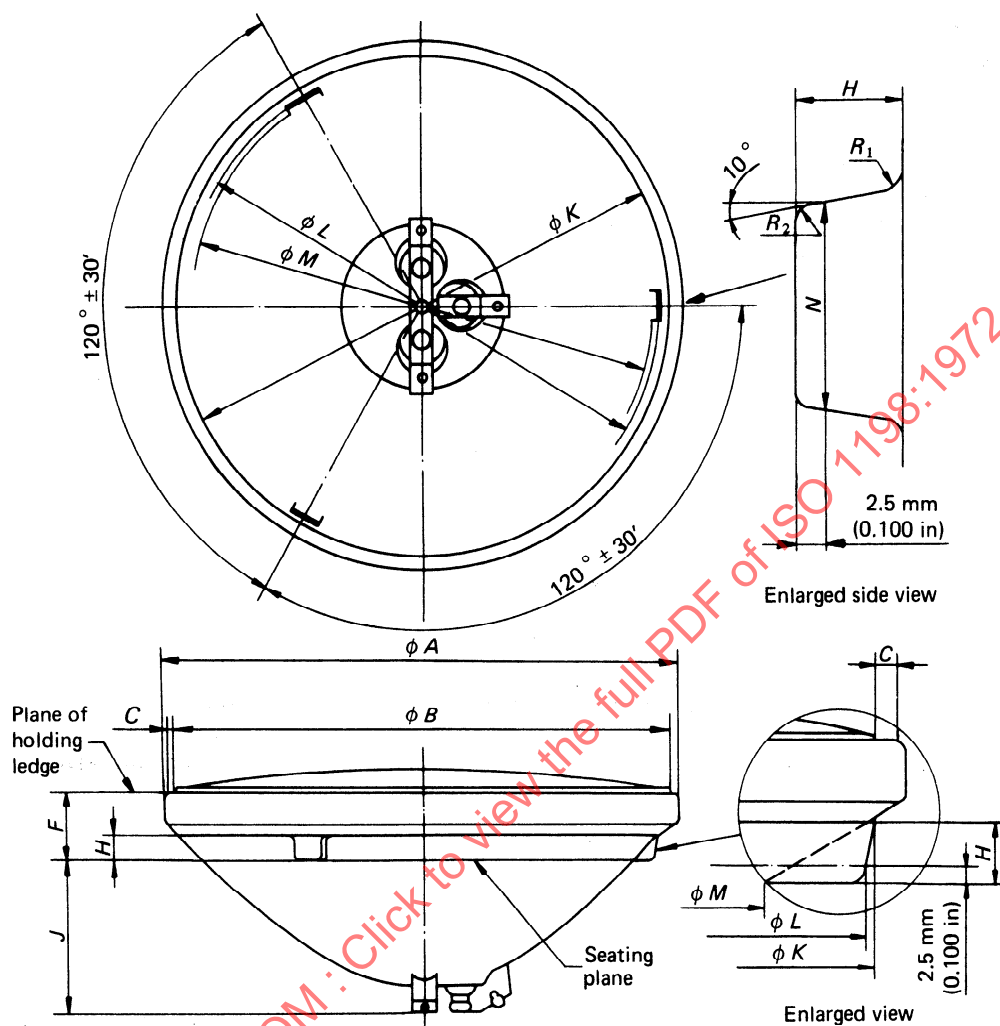
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Dimension	mm	in
A	204.3 ± 1.4	8.045 ± 0.055
B max.	196.3	7.730
C ¹⁾ approx.	3.2	0.125
F	$23.6 \begin{smallmatrix} +0.9 \\ -1.3 \end{smallmatrix}$	$0.930 \begin{smallmatrix} +0.035 \\ -0.050 \end{smallmatrix}$
H	9.5	0.375
J max.	70	2.75
K	192.5 ± 1.0	7.580 ± 0.040
L max.	190	7.475
M	153.8 ± 1.4	6.985 ± 0.055
N	13.6 ± 0.25	0.535 ± 0.010
R ₁	3.2	0.125
R ₂	0.8	0.031

1) Flat surface

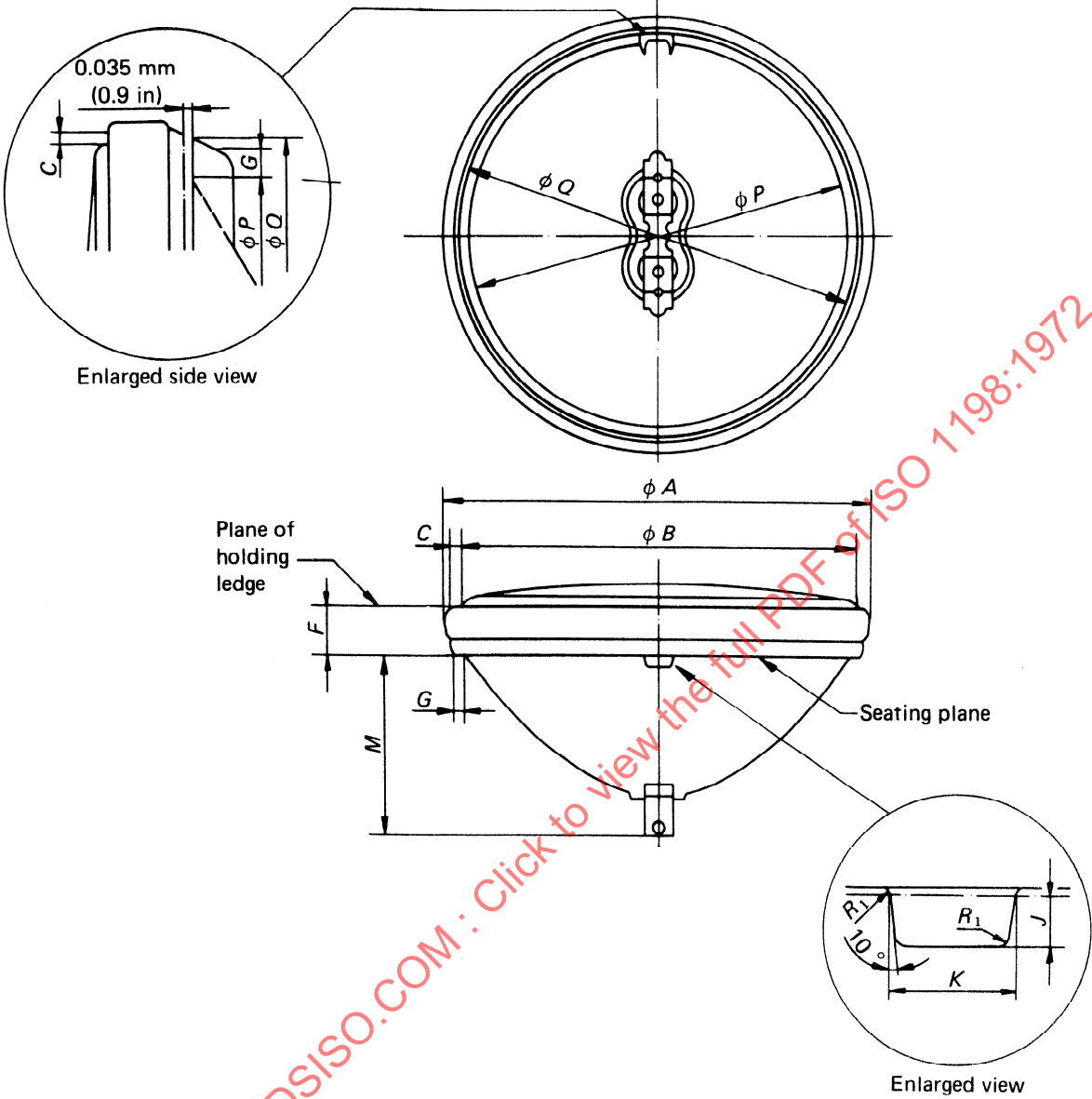
FIGURE 1 — Aircraft landing lamp — 28 V — 600 W



Dimension	mm	in
A	204.3 ± 1.4	8.045 ± 0.055
B max.	196.3	7.730
C ¹⁾ approx.	3.2	0.125
F	$23.6 \begin{smallmatrix} +0.9 \\ -1.3 \end{smallmatrix}$	$0.930 \begin{smallmatrix} +0.035 \\ -0.050 \end{smallmatrix}$
H	9.5	0.375
J max.	70	2.75
K	192.5 ± 1.0	7.580 ± 0.040
L max.	190	7.475
M	153.8 ± 1.4	6.985 ± 0.055
N	13.6 ± 0.25	0.535 ± 0.010
R ₁	3.2	0.125
R ₂	0.8	0.031

1) Flat surface

FIGURE 2 — Aircraft landing lamp — 28 V — 600/400 W



Dimension	mm	in
A	143.5 ± 1.3	5.650 ± 0.050
B	133.4 ± 0.4	5.250 ± 0.015
C ¹⁾ min.	1.6	0.062
F	13.5 ± 1.3	0.530 ± 0.050
G ¹⁾	3.4 ± 0.3	0.135 ± 0.010
J	4.0 ± 0.4	0.156 ± 0.016
K max.	11.2	0.440
M max.	63.5	2.50
P max.	129.5	5.100
Q max.	138.2	5.440
R ₁	0.8	0.031

1) Flat surface

FIGURE 3 — Aircraft landing lamp — 28 V — 250 W