# INTERNATIONAL STANDARD 1198

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## Sealed-beam landing lamps for aircraft — Dimensions

First edition — 1972-05-01



UDC 629.13.018 : 621.326

Ref. No. ISO 1198-1972 (E)

**Descriptors** : aircraft, landing lights, dimensions.

Price based on 4 pages

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

Germany





Printed in Switzerland

# Sealed-beam landing lamps for aircraft — Dimensions

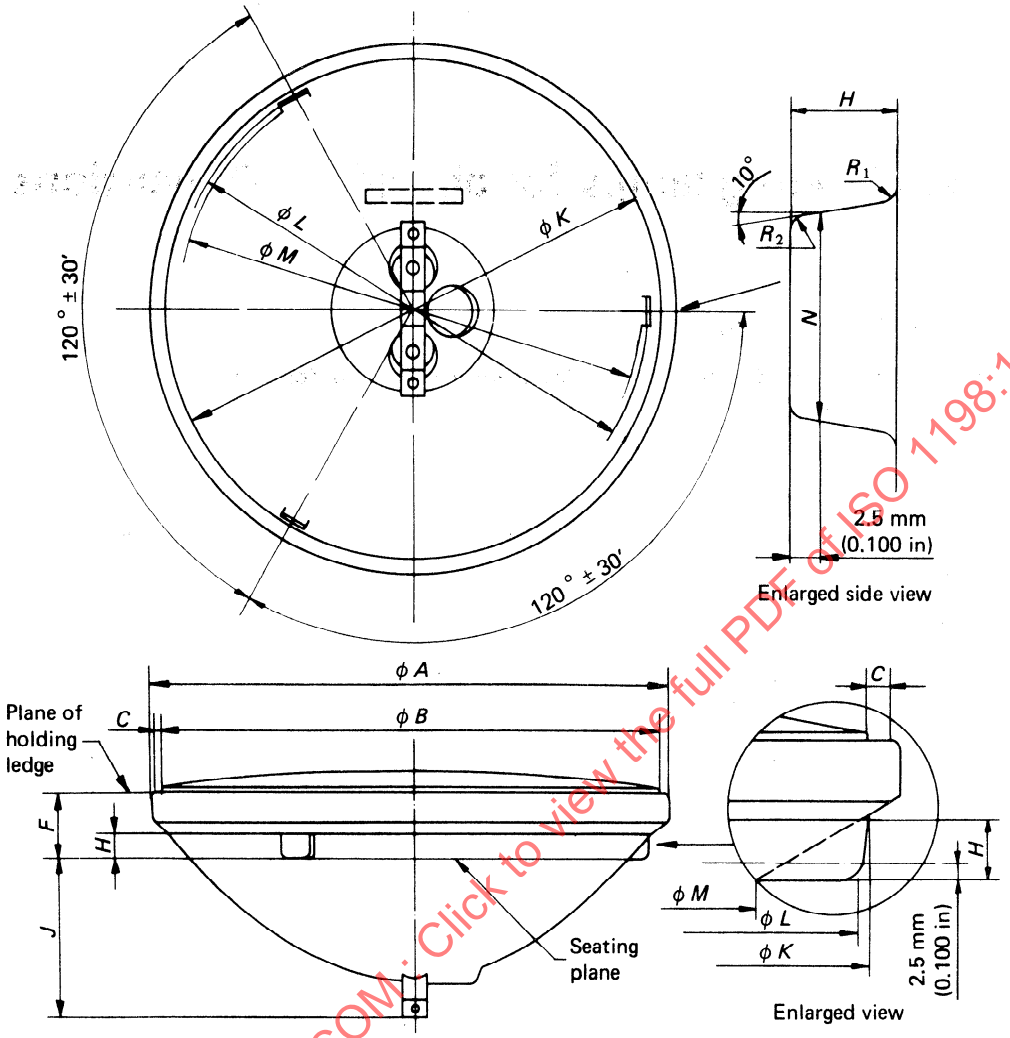
## 1 SCOPE AND FIELD OF APPLICATION

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 :

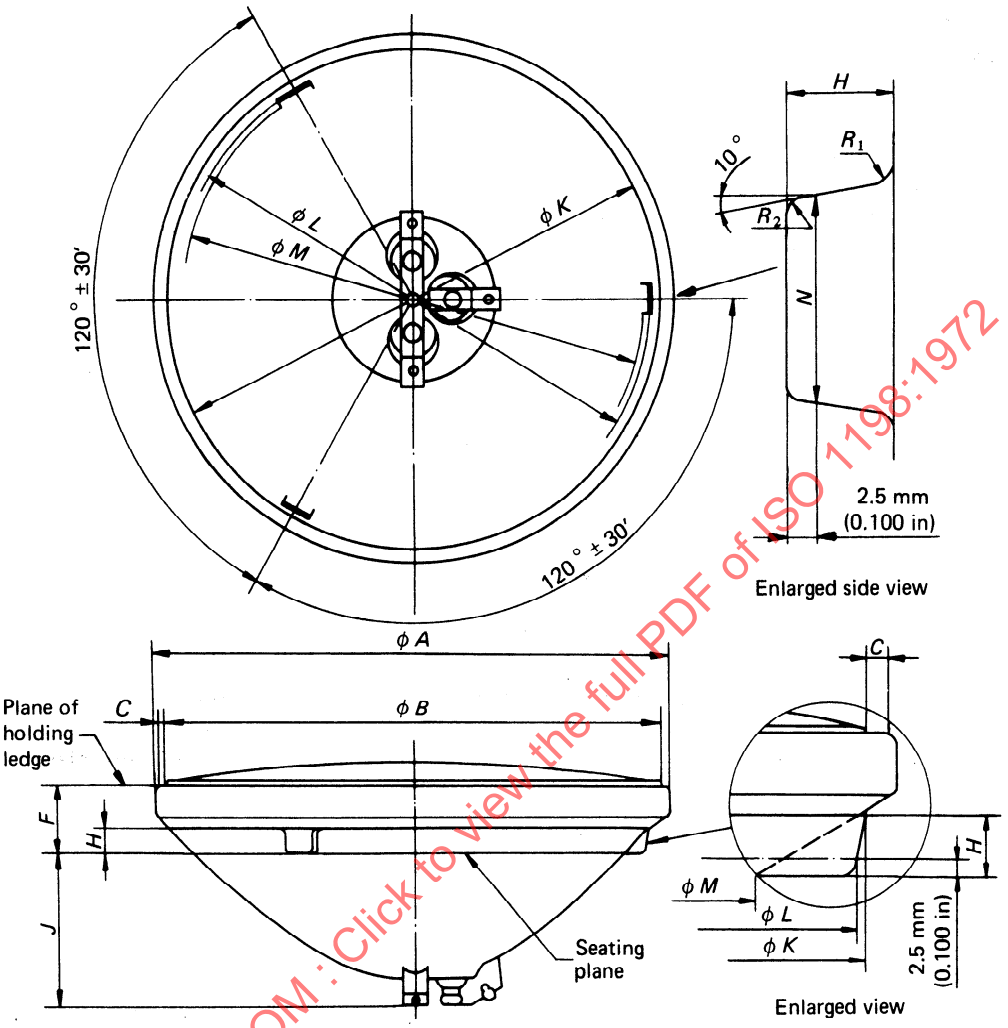
- 28 V — 600 W lamp : Figure 1;
- 28 V — 600/400 W lamp : Figure 2;
- 28 V — 250 W lamp : Figure 3.




| 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* | $23.6\ ^{+\ 0.9}_{-\ 1.3}$ | $0.930\ ^{+\ 0.035}_{-\ 0.050}$ |
| *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

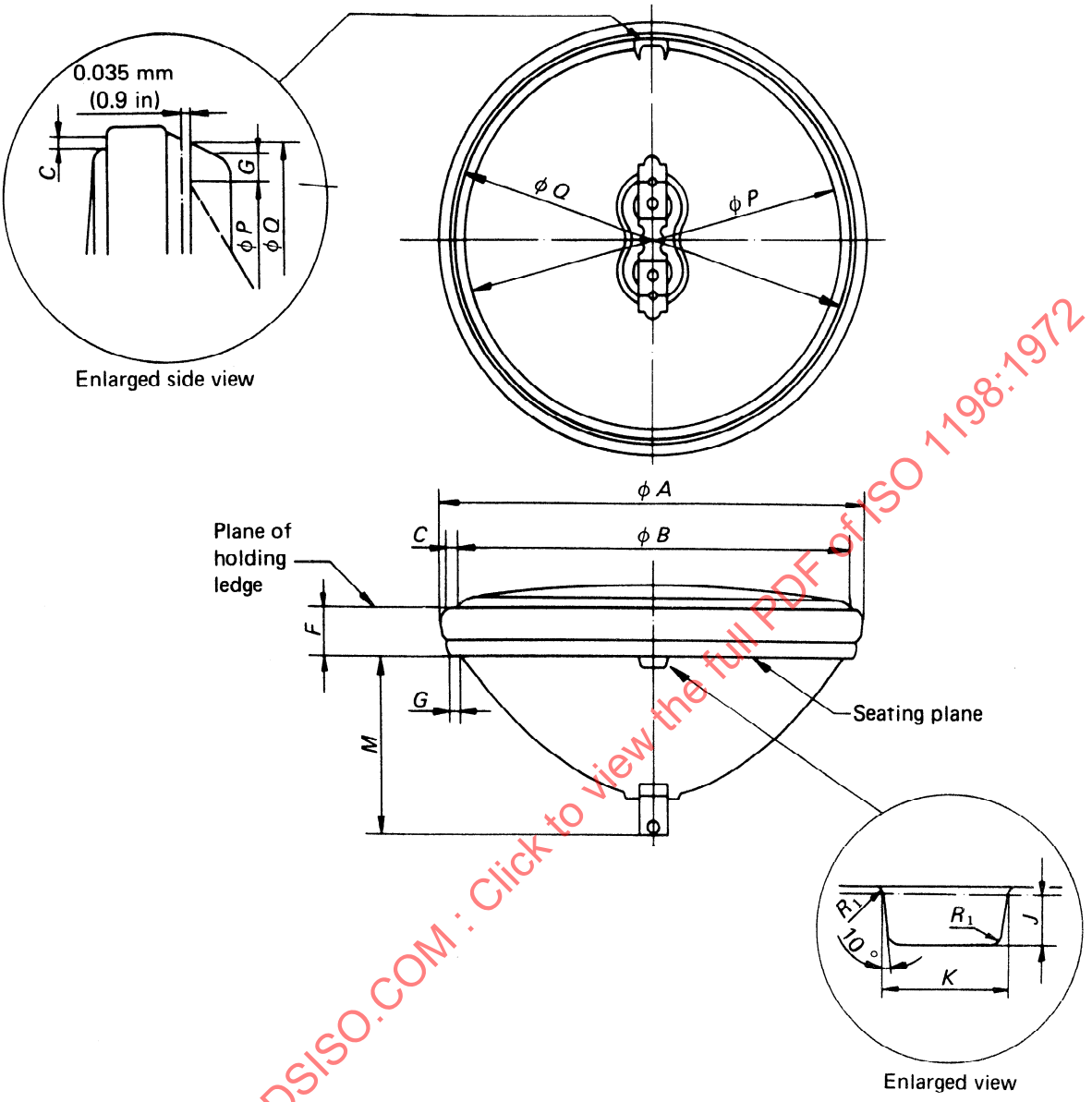
FIGURE 1 — **Aircraft landing lamp — 28 V — 600 W**




| 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**