

(PREVIEW)

*Indian Standard*SPECIFICATION FOR LAMPS
FOR AERODROME LIGHTING FITTINGS**0. FOREWORD**

0.1 This Indian Standard was adopted by the Indian Standards Institution on 18 July 1978, after the draft finalized by the Electric Lamps and Accessories Sectional Committee had been approved by the Electrotechnical Division Council.

0.2 The constant current lamps are normally used in a series system of aerodrome lighting and operate at a certain current regulated to remain constant. The filament arrangement in these lamps are such that on fitment to the light unit, the geometrical centre of the luminous system corresponds to the focus of the optical system of the light unit. This standard is intended to cover such lamps both for civil and military aerodromes.

0.3 In this standard vibration and thermal shock tests have not been included as the requirements and procedures for the tests, which would simulate the actual working conditions of the lamps in service, could not be finalized. It is intended to include these tests also in the standard at a later stage when sufficient data is available.

0.4 For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS : 2-1960*. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

1. SCOPE

1.1 This standard covers constant current tungsten filament lamps of 6.6 A used for aerodrome lighting fittings.