

(PREVIEW)

Indian Standard

**PHOTOMETRY OF LUMINAIRES -
METHOD OF MEASUREMENT**

PART 1 LUMINAIRES FOR USE IN INTERIOR LIGHTING

1 SCOPE

1.1 This standard covers methods of photometry for luminaires designed primarily for indoor use with lamps specified in Annex A for general lighting service and suitable for ac electricity supply up to 250 V at 50 Hz.

1.2 The requirements described in these recommendations relate to the following photometric characteristics:

- a) Distribution of luminous intensity in specified planes or directions, per 1 000 lamp lumens (see definition 3.4),
- b) Luminaire zonal flux per 1 000 lamp lumens, and
- c) Light output ratio.

2 REFERENCES

A list of relevant Indian Standards on electric lamps for which this standard is applicable is given in Annex A.

ANNEX A

(Clauses 2 and 7.1.1)

<i>IS No.</i>	<i>Title</i>
418 : 1978	Specification filament general service electric lamps (<i>third revision</i>)
2418 (Part 1 to 4) : 1977	Specification for tubular fluorescent lamps for general lighting service (<i>first revision</i>)
9900 (Parts 1 to 4) : 1981	Specification for high pressure mercury vapour lamps
9974 (Part 1 to 2) : 1981	Specification for high pressure sodium vapour lamps
12998 : 1990	Specification for tungsten halogen lamps (non-vehicle)