

(PREVIEW)

## *Indian Standard*

# SELF BALLASTED LAMPS FOR GENERAL LIGHTING SERVICE

### PART 1 SAFETY REQUIREMENTS

#### 1 SCOPE

This standard (Part 1) specifies the safety and interchangeability requirements together with the test methods and conditions, required to show compliance of tubular fluorescent and other gas discharge lamps with integrated means for controlling starting and stable operation (self ballasted lamps), intended for domestic and similar general lighting purposes having:

- a) a rated wattage up to and including 26 W,
- b) a rated voltage up to and including 250 V, and
- c) Edison screw E 14 and E 27 or bayonet caps B 15d and B 22d

The performance requirements are given in Part 2 of this standard.  
Recommendations for whole product testing are under consideration

#### 2 REFERENCES

Following Indian Standards are necessary adjuncts to this standard:

<i>IS No.</i>	<i>Title</i>
418 : 1978	Tungsten filament general service electric lamps ( <i>third revision</i> )
1258 : 1987	Bayonet lamp holders ( <i>third revision</i> )
8913 : 1978	Methods of measurement of lamp cap temperature rise
9206 : 1979	Dimensions of caps for tungsten filament general service electric lamps
10276 (Part 1) : 1982	Edison screw lamp holders: Part 1 Requirements and test
10276 (Part 2) : 1982	Edison screw lamp holders: Part 2 Standard data sheets for lamp holders and gauges
11000 (Part 2/ Sec 1) : 1988	Fire hazard testing: Part 2 Test methods, Section 1 Glow wire test and guidance
15111 (Part 2) : 2002	Self ballasted lamps for general lighting services: Part 2 Performance requirements