

Indian Standard

LUMINAIRES

PART 5 PARTICULAR REQUIREMENTS SECTION 7 LIGHTING CHAINS

1 SCOPE

This standard (Part 5/Sec 7) specifies requirements for lighting chains fitted with series- or parallel- or a combination of series/parallel-connected incandescent lamps or LED lamps for use either indoors or outdoors on supply voltages not exceeding 250 V.

NOTES

1 A Christmas tree chain is an example of a lighting chain fitted with series or series/parallel connected lamps. A chain for illuminating ski-tracks or promenades is an example of a lighting chain fitted with parallel connected lamps.

2 For lighting chains fitted with lampholders of the push-in type, the appropriate requirements of this section apply.

3 The term 'strings' is also used instead of 'chains'.

4 For lighting chains with non-standardised lamps (for example lamps of the push-in type) the lamps are regarded as a part of the lighting chain and consequently included in the testing (and thereby in the certificate, if any).

2 REFERENCES

The following Indian Standards are necessary adjunct to this standard.

<i>IS No.</i>	<i>Title</i>
694:1990	PVC insulated cables for working voltages upto and including 1100V
1258: 2005	Bayonet lampholders
1293: 2006	Plugs and socket-outlets for household and similar purposes: Part1 Particular requirements for plugs and sockets-outlets of rated voltage upto and including 250 volts and rated current upto and including 16A
6873(Part 2) : 1999	Limits and methods of measurement of radio interference characteristics: Part 2 Electrical motor operated and thermal appliances for household and similar purposes, electric tools and electric apparatus
9968(Part 1) : 1988	Elastomer insulated cables: Part 1 For working voltages upto and including 1100 V
10276 (Part 1) : 1982	Edison screw lampholders:Part 1 Requirements and tests

<i>IS No.</i>	<i>Title</i>
10322(Part 1) : 2008	Luminaires: Part 1 General requirements and tests
10810(Part 15) : 1984	Methods of test for cables: Part 15 Hot deformation test
IS/IEC 60529: 2001	Degree of protection provided by enclosures (IP Code)