

(PREVIEW)

Indian Standard

LUMINAIRES

PART 5 PARTICULAR REQUIREMENTS

Section 3 Luminaires for Road and Street Lighting

1 SCOPE

This standard (Part 5/Sec 3) specifies requirements for road and street lighting luminaires as given below for use with tungsten filament, tubular fluorescent, LED, LED modules and other discharge lamps on supply voltage not exceeding 1000 V. It is to be read in conjunction with those Sections of Part 1 to which reference is made.

- a) Luminaires for road, street lighting and other public outdoor lighting applications;
- b) Tunnel lighting;
- c) Column-integrated luminaires with a minimum total height above normal ground level of 2.5 m; and for use with electrical lighting sources on supply voltages not exceeding 1 000 V.

NOTE — Column integrated luminaires with a total height below 2.5 m are under consideration.

2 REFERENCES

The standards listed below contain provisions which through reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards listed below.

| <i>IS No.</i> | <i>Title</i> |
|--|--|
| 9000 (Part 7/ Sec 1 to 5) : 1979 | Basic environmental testing procedures for electronic and electrical items: Part 7 Impact test |
| 10322 (Part 1) : 2010 | Luminaires: Part 1 General requirements and tests (<i>first revision</i>) |
| 13383 (Part 2) : 1992 | Photometry of luminaires — Method of measurement: Part 2 Luminaires for road and street lighting |
| SP 30 : 1985 | National Electrical Code |