

BUREAU OF INDIAN STANDARDS
Registration Department

Our Ref: Reg./ IS 10322 Series /Guidelines/01

20 March 2026

Subject: Guidelines for Implementation of Revised Standards for LED Luminaires

1. The following Indian Standards notified under the Compulsory Registration Order (CRO) have been revised:

| S.No. | Product Category | Product Name | Current IS | Revised IS | Last date of Concurrent Running |
|-------|---|---|--------------------------------|---|---------------------------------|
| 1 | Fixed General Purpose LED Luminaires | Fixed General Purpose LED Luminaires | IS 10322 (Part 5/Sec 1) : 2012 | IS 10322 (Part 5/Sec 1) : 2026 | 02 August 2026 |
| | | Fancy Lights | | IEC 60598-2-1 : 2020 | |
| 2 | Recessed LED Luminaires | Recessed LED Luminaires | IS 10322 (Part 5/Sec 2) : 2012 | IS 10322 (Part 5/Sec 2) : 2026 IEC 60598-2-2 : 2023 | 02 August 2026 |
| 3 | LED Luminaires for Road and Street Lighting | LED Luminaires for Road and Street Lighting | IS 10322 (Part 5/Sec 3) : 2012 | IS 10322 (Part 5/Sec 3) : 2026 IEC 60598-2-3 : 2002 + Amd 1 : 2011 (CSV) | 02 August 2026 |
| 4 | LED Flood Lights | LED Flood Lights | IS 10322 (Part 5/Sec 5) : 2013 | IS 10322 (Part 5/Sec 5) : 2026 IEC 60598-2-5 : 2015 | 02 August 2026 |
| 5 | LED Hand Lamps | LED Hand Lamps | IS 10322 (Part 5/Sec 6) : 2013 | IS 10322 (Part 5/Sec 6) : 2026 IEC 60598-2-8 : 2013 | 02 August 2026 |
| 6 | LED Lighting Chains | LED Lighting Chains | IS 10322 (Part 5/Sec 7) : 2017 | IS 10322 (Part 5/Sec 7) : 2026 IEC 60598-2-20 : 2022 | 02 August 2026 |
| 7 | LED Luminaires for Emergency Lighting | LED Luminaires for Emergency Lighting | IS 10322 (Part 5/Sec 8) : 2013 | IS 10322 (Part 5/Sec 8) : 2026 IEC 60598-2-22 : 2022 | 02 August 2026 |

2. The Indian Standards listed above refer IS 10322 (Part 1). IS 10322 (Part 1):2014 has been revised and published as IS 10322 (Part 1):2026.

3. The significant technical changes brought through the revision of the standards listed at S.no.1 are provided in the Annexure attached with the guidelines, and are provided for general guidance.

4. The guidelines for implementation of the Revised Standards are given below:

A. For existing licensees:

- i. All existing licensees shall implement the applicable Revised Standard listed at S.no. 1, by the last date of concurrent running, that is, 02 August 2026. Beyond the last date of concurrent running, no licence shall remain operative where compliance with the Revised Standard has not been ensured by the licensee.
- ii. Existing licensees shall ensure conformance to the applicable Revised Standard through submission of complete test report(s) issued by BIS recognized laboratory for all lead model(s) covered in their scope of licence which had been previously tested as per the old version of Standard.
- iii. Further, the licensees shall provide an undertaking stating that requirements of the applicable Revised Standard have been implemented in other existing series model(s) which are in the scope of the licence.
- iv. If the licensee fails to complete all actions by the last date of concurrent running, cancellation of the licence/ deletion of model from scope of the licence may be initiated.

B. For New Applicants:

- i. Existing applications where sample has been submitted in the Laboratory/Test Report have been issued by the Laboratory may be processed as per the applicable old version of Standard.
- ii. Applications which are recorded henceforth may be processed as per applicable old or Revised Standard. Processing of Applications as per old standard shall be permitted only up to the last date of concurrent running, that is, 02 August 2026. For such cases, the applicant shall give a declaration that they will implement the applicable Revised Standard by the last date of concurrent running, that is, 02 August 2026.
- iii. Beyond the last date of concurrent running, no licence shall be granted as per the old Standard.

C. For Change in Scope of Licence:

- i. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
- ii. However, processing of requests for change in scope of licence as per the old Standard shall be permitted only up to the date of switchover to the applicable Revised Standard by the licensee or up to the last date of concurrent running, whichever is earlier.

5. The above guidelines shall come into force with immediate effect.

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Annexure

Significant Technical changes in IS 10322 (Part 1): 2026

- a) Introduction of IPX9;
- b) Inclusion of EMF safety requirements;
- c) Modification in the marking requirements;
- d) Addition of a new sub clause for marking of mains socket outlet moved from information requirements;
- e) Addition of new clause on protection against fast rotating parts (moving fan blades);
- f) Introduction of PELV (Protective Extra-Low-Voltage) system;
- g) Additional requirements for luminaires using controllable control gear providing SELV output(s);
- h) Modification in test to establish whether a conductive part can cause an electric shock (addition of touch voltage limits, touch current limits);
- i) Addition of Informative annexure on Information regarding power sourcing equipment powering class III luminaires via information technology communication cabling;
- j) Addition of informative annexure on additional requirements for luminaires where a higher degree of availability (impulse withstand overvoltage category III) may be requested; and
- k) Addition of normative annexure on battery/EDLC-operated luminaires
- l) Photo Biological requirements extended

Additional Technical changes in IS 10322 (Part 5 /Sec 1): 2026

- a) References to IS 10322 (Part 1) have been updated
- b) The scope has been modified to be in line with IS 10322 (Part 1) to include all electric light Sources

Additional Technical changes in IS 10322 (Part 5 /Sec 2): 2026

- a) The requirements specific to recessed luminaires given in IS 10322 (Part 1) are now incorporated in this IS 10322 (Part 5/Sec 2)
- b) The introduction of requirements for air-handling luminaires
- c) Additional Marking requirements for recessed luminaires
- d) References to IS 10322 (Part 1) have been updated

Additional Technical changes in IS 10322 (Part 5 /Sec 3): 2026

- a) References to IS 10322 (Part 1) have been updated
- b) Additional Marking requirements.

Additional Technical changes in IS 10322 (Part 5 /Sec 5): 2026

- a) References to IS 10322 (Part 1) have been updated
- b) Introduction of the requirements for the glass breaking test; and
- c) Additional Marking requirement.

Additional Technical changes in IS 10322 (Part 5 /Sec 6): 2026

- a) References to IS 10322 (Part 1) have been updated

Additional Technical changes in IS 10322 (Part 5 /Sec 7): 2026

- a) Specific provisions for Temporarily Installed Protected Lighting (TPL) chains have been added;
- b) New terms and definitions have been added; and
- c) References to IS 10322 (Part 1) have been updated

Additional Technical changes in IS 10322 (Part 5 /Sec 8): 2026

- a) Update of requirements for rest mode and inhibiting mode;
- b) Clarification of high temperature operation tests;
- c) Introduction of new requirements for lithium batteries;
- d) Introduction of new requirements for Electric Double Layer Capacitors (EDLCs);
- e) Clarification of resistance to heat, fire and tracking;
- f) Clarification of test facilities for self-contained luminaires; and
- g) Clarification of the test method for contrast measurements of exit signs.
- h) References to IS 10322 (Part 1) have been updated