

INTERNATIONAL STANDARD

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Electrical installations of buildings – Part 7-714: Requirements for special installations or locations – External lighting installations

*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL INSTALLATIONS OF BUILDINGS –

**Partie 7: Requirements for special installations or locations –
Section 714: External lighting installations**

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 364-7-714 has been prepared by IEC technical committee 64: Electrical installations of buildings.

The text of this standard is based on the following documents:

FDIS	Report on voting
64/794/FDIS	64/839/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

INTRODUCTION

The requirements of part 7 supplement, modify or replace certain of the general requirements of the IEC 364. The numbers following the particular number of section 714 are those of the corresponding parts, chapters, sections or clauses of IEC Publication 364. The absence of reference to a chapter, a section or a clause means that the general requirements of IEC 364 are applicable.

ELECTRICAL INSTALLATIONS OF BUILDINGS –

Partie 7: Requirements for special installations or locations – Section 714: External lighting installations

714 External lighting installations

714.1 *Scope, object and fundamental principles*

714.11 *Scope*

This section of IEC 364-7 deals with fixed external lighting installations.

NOTE - External lighting comprises luminaires, wiring system and accessories located outside buildings.

The requirements apply particularly to:

- lighting installations e.g. for roads, parks, gardens, public places, sporting areas, illumination of monuments and floodlighting;
- other equipment incorporating lighting such as telephone kiosks, bus shelters, advertising panels, town plans, roads signs.

These rules do not apply to:

- public lighting installations which are part of public power grid and operated by a public supply authority who is responsible for and has taken all necessary measures regarding safety;
- temporary festoon lighting;
- road traffic signal systems;
- luminaires which are fixed to the outside of a building and are supplied directly from the internal wiring of that building.

For lighting installations for swimming pools and fountains, see IEC 364-7-702.

714.12 *Normative references*

The following normative documents contain provisions which, through reference in this text, constitute provisions of this section of IEC 364-7. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this section of IEC 364-7 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 364-3: 1993, *Electrical installations of buildings – Part 3: Assessment of general characteristics*

IEC 364-7-702: 1983, *Electrical installations of buildings – Part 7: Requirements for special installations or locations – Section 702: Swimming pools*

IEC 598: *Luminaires*