



NSAI
Standards

Irish Standard
I.S. HD 60364-5-559:2012

Low-voltage electrical installations --
Part 5-559: Selection and erection of
electrical equipment - Luminaires and
lighting installations (IEC 60364-5
-55:2011 (MOD))

I.S. HD 60364-5-559:2012

Incorporating amendments/corrigenda issued since publication:

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

<i>This document replaces:</i> HD 60364-5-559:2005 + corr Oct:2007	<i>This document is based on:</i> HD 60364-5-559:2012	<i>Published:</i> 11 May, 2012
This document was published under the authority of the NSAI and comes into effect on: 15 May, 2012		ICS number: 91.140
NSAI 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	Sales: T +353 1 857 6730 F +353 1 857 6729 W standards.ie
Údarás um Chaighdeáin Náisiúnta na hÉireann		

English version

**Low-voltage electrical installations -
Part 5-559: Selection and erection of electrical equipment -
Luminaires and lighting installations**
(IEC 60364-5-55:2011, modified)

Installations électriques à basse tension -
Partie 5-559: Choix et mise en œuvre des
matériels électriques -
Luminaires et installations d'éclairage
(CEI 60364-5-55:2011, modifiée)

Errichten von Niederspannungsanlagen -
Teil 5-559: Auswahl und Errichtung
elektrischer Betriebsmittel -
Leuchten und Beleuchtungsanlagen
(IEC 60364-5-55:2011, modifiziert)

This Harmonization Document was approved by CENELEC on 2012-03-14. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document (64/1805/FDIS (CLAUSE 559)), future edition 2 of IEC 60364-5-55, prepared by IEC TC 64, "Electrical installations and protection against electric shock", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as HD 60364-5-559:2012.

A draft amendment, which covers common modifications to IEC 60364-5-55 (64/1805/FDIS (CLAUSE 559)), was prepared by CLC/TC 64 "Electrical installations and protection against electric shock" and approved by CENELEC.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-03-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-03-14

This document supersedes HD 60364-5-559:2005 + corr. Oct.2007.

HD 60364-5-559:2012 includes the following significant technical changes with respect to HD 60364-5-559:2005 + corr. Oct.2007:

- additional requirements for connection of luminaires to the fixed wiring;
- modification of requirements regarding the fixing of luminaires;
- inclusion of alternative solutions for connecting devices used for through wiring and for connection of luminaires to the supply;
- withdrawal of Clause 556, as HD 60364-5-56 now covers this matter.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60364-5-55:2011 was approved by CENELEC as a European Standard with agreed common modifications.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60079 series	NOTE	Harmonized in EN 60079 series.
IEC 60155:1993	NOTE	Harmonized as EN 60155:1995 (not modified).
IEC 60309 series	NOTE	Harmonized as EN 60309 series.
IEC 60332-1-1:2004	NOTE	Harmonized as EN 60332-1-1:2004 (not modified).
IEC 60332-1-2:2004	NOTE	Harmonized as EN 60332-1-2:2004 (not modified).
IEC 60364-1:2005	NOTE	Harmonized as HD 60364-1:2008 (modified)
IEC 60364-5-52:2009	NOTE	Harmonized as HD 60364-5-52:2011 (modified)
IEC 60598-1:2008	NOTE	Harmonized as EN 60598-1:2008 (modified)
IEC 60598-2-14	NOTE	Harmonized as EN 60598-2-14.
IEC 61140	NOTE	Harmonized as EN 61140.
IEC 61241 series	NOTE	Harmonized in EN 61241 series.

I.S. HD 60364-5-559:2012

– 3 –

HD 60364-5-559:2012

IEC 61347-1:2007	NOTE Harmonized as EN 61347-1:2008 (modified)
IEC 61557-12	NOTE Harmonized as EN 61557-12.
IEC 61558-2-6:2009	NOTE Harmonized as EN 61558-2-6:2009 (not modified).
IEC 61995 series	NOTE Harmonized in EN 61995 series

COMMON MODIFICATIONS

559.3 General requirements for installations

Replace note 2 by:

NOTE 2 Concerning the correct selection of the protection and control devices, information about the currents (starting current, harmonics, leakage current, primary ignition current, etc.) generated by the lamps should be provided.

Add Annexes ZA and ZB as follows:

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-