

Liquid crystal and solid state display devices —

Part 3: Sectional specification for liquid crystal display (LCD) cells

The European Standard EN 61747-3:1999 has the status of a British Standard.

ICS 31.120

National foreword

This British Standard is the English language version of EN 61747-3:1999. It is identical with IEC 61747-3:1998.

The UK participation in its preparation was entrusted by Technical Committee EPL/47, Semiconductors, to Subcommittee EPL/47/3, Performance of optoelectronic semiconductor devices and liquid crystal displays, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, the EN foreword, pages 1 to 11 and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 June 1998

© BSI 11-2000

Amendments issued since publication

Amd. No.	Date	Comments
10786	November 2000	Renumbers BS IEC 61747-3:1998 as BS EN 61747-3:2000

Contents

	Page
National foreword	Inside front cover
1 Scope	1
2 Normative reference	1
3 Definitions	1
4 Quality assessment procedure	2
5 Test and measurement procedures	5
Table 1 — Test dependent criteria for structural similarity	6
Table 2 — Qualification approval tests	7
Table 3 — Groups and categories of assessed quality	8
Table 4 — Group A — Lot-by-lot tests	8
Table 5 — Group B — Lot-by-lot tests	8
Table 6 — Group C: Periodic tests	9
Table 7 — Sampling requirements for group A tests	9
Table 8 — Sampling requirements for group B and C tests	10
Table 9 — Screening test item and conditions	10
Annex ZA Normative references to international publications with their corresponding European publications	11

English version

Liquid crystal and solid state display devices
Part 3: Sectional specification for liquid crystal display
(LCD) cells

(IEC 61747-3:1998)

Dispositifs d'affichage à cristaux liquides et à
semiconducteurs
Partie 3: Spécification intermédiaire pour les cellules
pour dispositifs d'affichage à cristaux liquides
(CEI 61747-3:1998)

Flüssigkristall- und Halbleiter-Anzeige-
Bauelemente
Teil 3: Rahmenspezifikation für Flüssigkristall-
Anzeigezellen (LCD-Zellen)
(IEC 61747-3:1998)

This European Standard was approved by CENELEC on 1999-08-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official version (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Foreword

The text of the International Standard IEC 61747-3:1998, prepared by SC 47C, Flat panel display devices, of IEC TC 47, Semiconductor devices, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 61747-3 on 1999-08-01 without any modification.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2000-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2002-08-01

Annexes designated “normative” are part of the body of the standard. In this standard, Annex ZA is normative. Annex ZA has been added by CENELEC.