

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**LCD backlight unit –  
Part 1-1: Generic specification**

**Écran LCD à rétro-éclairage –  
Partie 1-1: Spécification générique**



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## CONTENTS

FOREWORD.....	4
1 Scope.....	6
2 Normative references .....	6
3 Technical aspects.....	7
3.1 Order of precedence.....	7
3.2 Terminology, units and symbols .....	7
3.3 Preferred values of temperature, humidity and pressure .....	7
3.4 Marking .....	7
3.4.1 BLU identification .....	7
3.4.2 BLU traceability .....	7
3.4.3 Packing .....	7
3.5 Categories of assessed quality .....	8
3.6 Screening .....	8
3.7 Handling.....	8
4 Quality assessment procedures .....	8
4.1 General .....	8
4.2 Eligibility for qualification approval .....	8
4.3 Primary stage of manufacture.....	9
4.4 Commercially confidential information .....	9
4.5 Formation of inspection lots.....	9
4.6 Structurally similar devices .....	9
4.7 Granting of qualification approval .....	9
4.8 Quality conformance inspection .....	9
4.8.1 General .....	9
4.8.2 Division into groups and subgroups .....	9
4.8.3 Inspection requirements .....	11
4.8.4 Supplementary procedure for reduced inspection .....	12
4.8.5 Sampling requirements for small lots .....	12
4.8.6 Certified records of released lots (CRRL) .....	12
4.8.7 Delivery of devices subjected to destructive or non-destructive tests .....	12
4.8.8 Delayed deliveries .....	13
4.8.9 Supplementary procedure for deliveries.....	13
4.9 Statistical sampling procedures .....	13
4.9.1 General .....	13
4.9.2 AQL sampling plans.....	13
4.9.3 LTPD sampling plans.....	13
4.10 Endurance tests .....	13
4.11 Endurance tests where the failure rate is specified .....	13
4.11.1 Specification of failure rate .....	13
4.11.2 General .....	13
4.11.3 Selection of samples .....	13
4.11.4 Failure.....	13
4.11.5 Endurance test time and sample size .....	14
4.11.6 Procedure to be used if the number of observed failures exceed the acceptance number .....	14
4.12 Accelerated test procedures .....	14

4.13	Capability approval.....	14
5	Test and measurement procedures.....	15
5.1	Standard atmospheric conditions.....	15
5.2	Physical examination.....	15
5.2.1	Visual examination .....	15
5.2.2	Dimensions.....	15
5.2.3	Permanence of marking.....	15
5.3	Electrical and optical measurements .....	15
5.3.1	General conditions and precautions.....	15
5.3.2	Alternative methods.....	16
5.4	Environmental tests.....	16
Annex A (informative)	Examples of BLU drawings.....	17
Annex B (informative)	Lot tolerance percentage defective (LTPD) sampling plans .....	19
Figure A.1	– A front view of BLU .....	17
Figure A.2	– A rear view of BLU.....	17
Figure A.3	– A lateral view of BLU .....	18
Figure A.4	– Example of LED edge backlight unit.....	18
Figure A.5	– Example of LED direct backlight unit.....	18
Table B.1	– LTPD sampling plans (1 of 2).....	20
Table B.2	– Hypergeometric sampling plans for small lot sizes of 200 or less .....	22

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## LCD BACKLIGHT UNIT –

## Part 1-1: Generic specification

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

CDV	Report on voting
110/387/CDV	110/440/RVC

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 62595 series, under the general title *LCD backlight unit*, can be found on the IEC website.

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## LCD BACKLIGHT UNIT –

### Part 1-1: Generic specification

#### 1 Scope

This part of IEC 62595 is a generic specification for backlight unit (BLU) for liquid crystal displays. It defines general procedures for quality assessment and gives general rules for the measuring methods of electrical and optical characteristics, rules for climatic and mechanical tests, and rules for endurance tests.

#### 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60027 (all parts), *Letter symbols to be used in electrical technology*

IEC 60410:1973, *Sampling plans and procedures for inspection by attributes*

IEC 60617 (all parts), *Graphical symbols for diagrams*

IEC 60747-1:2006, *Semiconductor devices – Part 1: General*

IEC 60747-10:1991, *Semiconductor devices – Part 10: Generic specification for discrete devices and integrated circuits*

IEC 61747-10-2, *Liquid crystal display devices – Part 10-2: Environmental, endurance and mechanical test methods – Environmental and endurance 1*

IEC 62595-1-2:2012, *LCD backlight unit – Part 1-2: Terminology and letter symbols*

IEC 62595-2, *LCD backlight unit – Part 2: Electro-optical measurement methods of LED backlight unit*

IECQ QC 001002-2:1998, *IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 2: Documentation*

IECQ QC 001002-3:2005, *IEC Quality Assessment System for Electronic Components (IECQ System) – Rules of Procedure – Part 3: Approval procedures*

ISO 80000-1:2009, *Quantities and units – Part 1: General*

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<sup>1</sup> To be published