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ICS 31.120
CCS L47

SJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SJ/T 11460.1-2013

Backlight units for liquid crystal displays. Part 1: Generic specification

液晶显示用背光组件 第1部分：总规范

(English Translation)

Issued by: Ministry of Industry and Information Technology

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1 Foreword

SJ/T 11460.1-2013 was issued by Ministry of Industry and Information Technology on 17 October 2013.

It is one of 19 parts of the SJ/T 11460 series.

The SJ/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

2 Scope Preview

This standard specifies the terms and definitions of the backlight components for liquid crystal display, classification, technical requirements, quality assessment procedures, inspection and test methods, and marking, packaging, transport and storage requirements.

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This standard applies to liquid crystal display light-emitting diode (LED) backlight organization and cold cathode fluorescent tube (CCFL) backlight components.

SJ/T 11460.1-2013 falls under ICS 31.120, in the field of electronics.

This catalogue holds 221 other SJ/T standards in that field.

In this catalogue, SJ/T standards carry edition years from 1980 to 2026.

3 About this standard

Sector: Electronics Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 27 pages (approximate)

Chinese original: about 40,496 characters

4 Related standards

Other parts of this standard:

SJ/T 11460.2-2014 - Part 2: Cold Cathode Fluorescent Lamp (CCFL) backlight units. Blank detailspecification

SJ/T 11460.3.1-2014 - Part 3-1: LED backlight unit for portable display. Blank detail specification

SJ/T 11460.3.2-2013 - Part 3-2: LED backlight unit for monitor. Blank detail specification

SJ/T 11460.3.3-2016 - Backlight assemblies for liquid crystal displays - Part 3-3-1: Detailed specifications for direct-lit LED backlight assemblies for television receivers

SJ/T 11460.3.3.1-2021 - Backlight assemblies for liquid crystal displays - Part 3-3-1: Detailed specifications for direct-lit LED backlight assemblies for television receivers

SJ/T 11460.3.3.2-2025 - Display Light Source Assembly - Part 3-3-2: Detailed Specifications for Side-Lighted LED Backlight Assembly for Television Receivers

SJ/T 11460.3.4-2019 - LCD backlight assembly Part 3-4: Blank detail specification for automotive LED backlight assembly

SJ/T 11460.3.5-2019 - LCD backlight assembly Part 3-5: Blank detail specification for LED backlight assembly for household appliances

SJ/T 11460.3.6-2019 - Backlight assemblies for liquid crystal displays Part 3-6: Blank detail specification for LED backlight assemblies for industrial instruments

SJ/T 11460.3.8-2025 - Display Light Source Components - Part 3-8: Detailed Specifications for Micro-miniature LED Backlight Components

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SJ/T 11460.4-2018 - Liquid gas forging hammer

SJ/T 11460.6.1-2015 - Backlight unit for liquid crystal display. Part 6-1: Measuring method of optical and optoelectrical parameters

SJ/T 11460.6.1-2025 - Display light source assemblies - Part 6-1: Test methods - Photoelectric parameters of LED backlight assemblies

SJ/T 11460.6.2-2015 - Backlight unit for liquid crystal display. Part 6-2: Measuring methods of dynamic optical and optoelectrical parameters

SJ/T 11460.6.2-2025 - Display light source assemblies - Part 6-2: Test methods - Dynamic optical and photoelectric parameters of LED backlight assemblies

SJ/T 11460.6.3-2022 - Display light source assemblies - Part 6-3: Test methods LED light strips - Optoelectronic parameters

SJ/T 11460.6.4-2023 - Display lighting unit - Part 6-4: Measuring methods of optoelectrical parameters of LED light board

SJ/T 11460.6.5-2023 - Display light source assembly - Part 6-5: Test method Optoelectronic parameters of LED front light assembly

Standards on related subjects:

SJ/T 11141-2017 - Generic specification for LED displays

SJ/T 11281-2017 - Measure methods of light emitting diode (LED) displays

GB/T 18910.2-2003 - Liquid crystal and solid-state display devices -- Part 2: Liquid crystal display modules sectional specification

5 Classification and status

International classification (ICS): 31.120

Chinese Standard Classification (CCS): L 47

Prefix SJ/T: recommended standard.

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