



# SLOVENSKI STANDARD SIST EN ISO 24550:2020

01-maj-2020

Nadomešča:  
SIST EN ISO 24500:2011

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**Ergonomija - Dostopno načrtovanje - Indikatorji svetil za proizvode (ISO 24550:2019)**

Ergonomics - Accessible design - Indicator lights on consumer products (ISO 24550:2019)

Ergonomie - Zugängliche Gestaltung - Kontrollleuchten an Konsumgütern (ISO 24550:2019)

Ergonomie - Conception accessible - Voyants lumineux sur les produits de consommation (ISO 24550:2019)

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**Ta slovenski standard je istoveten z: EN ISO 24550:2019**

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**ICS:**

11.180.15	Pripomočki za gluhe osebe in osebe z okvaro sluha	Aids for deaf and hearing impaired people
13.180	Ergonomija	Ergonomics

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**en,fr,de**

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EUROPEAN STANDARD

EN ISO 24550

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2019

ICS 11.180.15; 13.180

English Version

## Ergonomics - Accessible design - Indicator lights on consumer products (ISO 24550:2019)

Ergonomie - Conception accessible - Voyants lumineux sur les produits de consommation (ISO 24550:2019)

Ergonomie - Zugängliche Gestaltung - Kontrollleuchten an Konsumgütern (ISO 24550:2019)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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## European foreword

This document (EN ISO 24550:2019) has been prepared by Technical Committee ISO/TC 159 "Ergonomics" in collaboration with Technical Committee CEN/TC 122 "Ergonomics" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2020, and conflicting national standards shall be withdrawn at the latest by May 2020.

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

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INTERNATIONAL  
STANDARD

ISO  
24550

First edition  
2019-10

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**Ergonomics — Accessible design —  
Indicator lights on consumer products**

*Ergonomie — Conception accessible — Voyants lumineux sur les  
produits de consommation courante*

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Reference number  
ISO 24550:2019(E)

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Published in Switzerland



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## ISO 24550:2019(E)

## Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see [www.iso.org/directives](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see [www.iso.org/iso/foreword.html](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 4, *Ergonomics of human-system interaction*.

This first edition cancels and replaces ISO 24500:2010.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).

## Introduction

Indicator lights of consumer products provide important information to use products properly. Although their importance is recognized widely, many difficulties exist in relation to indicator lights such as insufficient on/off visibility, unclear implications of lighting modes, and discomforting glare are reported by users, particularly by older persons or persons with visual disabilities. These claims result from the lack of a relevant standard related to indicator lights design. This document is intended to provide design requirements and recommendations for adequate brightness, colour, and use of blinking lights of indicator lights considering the needs of older persons and persons with visual disabilities.

This document adopts the concepts of accessibility given in ISO/IEC Guide 71 and in ISO/TR 22411.

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