

LED packages for general lighting - Specification sheet

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 63146:2019 sisaldab Euroopa standardi EN IEC 63146:2019 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 63146:2019 consists of the English text of the European standard EN IEC 63146:2019.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 05.07.2019.	Date of Availability of the European standard is 05.07.2019.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

**LED packages for general lighting - Specification sheet  
(IEC 63146:2019)**

LED encapsulées pour éclairage général - Feuille de  
spécification  
(IEC 63146:2019)

LED-Packages für die Allgemeinbeleuchtung - Angaben im  
Datenblatt  
(IEC 63146:2019)

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
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**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

The text of document 34A/2133/FDIS, future edition 1 of IEC 63146, prepared by SC 34A "Lamps" of IEC/TC 34 "Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63146:2019.

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) 2020-03-06
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-06-06

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## Endorsement notice

The text of the International Standard IEC 63146:2019 was approved by CENELEC as a European Standard without any modification.

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**LED PACKAGES FOR GENERAL LIGHTING –  
SPECIFICATION SHEET****FOREWORD**

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International Standard IEC 63146 has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
34A/2133/FDIS	34A/2135/RVD

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

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

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## LED PACKAGES FOR GENERAL LIGHTING – SPECIFICATION SHEET

### 1 Scope

This document establishes requirements for specification sheets relating to light emitting diode (LED) packages designed for the emission of white light for general lighting applications.

This document does not contain compliance criteria.

### 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ANSI C78.374-2015, *American National Standard for Electric Lamps – Light-Emitting Diode Package Specification Sheet for General Illumination Applications*

### 3 Terms and definitions

For the purposes of this document, the terms and definitions given in ANSI C78.374-2015 apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at <http://www.electropedia.org/>
- ISO Online browsing platform: available at <http://www.iso.org/obp>

### 4 General requirements for product information

#### 4.1 Title on the specification sheet

ANSI C78.374-2015, Subclause 4.1 applies.

#### 4.2 Graphic presentation requirements

ANSI C78.374-2015, Subclause 4.2 applies.

### 5 Performance characteristics

#### 5.1 Correlated colour temperature versus luminous flux

ANSI C78.374-2015, Subclause 5.1 applies with the following deviation:

- Replace item 1) with: "Correlated colour temperature (CCT)".