ICS 17.180.20, 29.140.01 SLOVENSKÁ TECHNICKÁ NORMA Máj 2018

STN	**Svetlo a osvetlenie Meranie a vyhodnotenie fotometrických údajov svetelných zdrojov a svietidiel Časť 2: Prezentovanie údajov pre vnútorné a vonkajšie pracovné miesta**	**STN EN 13032-2 36 0401**

Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/18

Obsahuje: EN 13032-2:2017

Oznámením tejto normy sa ruší
STN EN 13032-2 (36 0401) z mája 2005

126536

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13032-2

November 2017

ICS 17.180.20; 29.140.01 Supersedes EN 13032-2:2004

English Version

Light and lighting - Measurement and presentation of photometric data of lamps and luminaires - Part 2: Presentation of data for indoor and outdoor work places

Lumière et éclairage - Mesure et présentation des données photometriques des lampes et luminaires - Partie 2: Présentation des données utilisés dans les lieux de travail intérieurs et extérieurs

Licht und Beleuchtung - Messung und Darstellung photometrischer Daten von Lampen und Leuchten - Teil 2: Darstellung der Daten für Arbeitsstätten in Innenräumen und im Freien

This European Standard was approved by CEN on 18 September 2017.

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Ref. No. EN 13032-2:2017 E

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European foreword

This document (EN 13032-2:2017) has been prepared by Technical Committee CEN/TC 169 “Light and lighting”, 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of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

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This document supersedes EN 13032-2:2004.

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Introduction

There are many lighting solutions that can satisfy the lighting criteria specified in EN 12464-1 and EN 12464-2. To design these solutions, photometric data of the equipment are required. The equipment may include the commonly used general purpose luminaires as well as uplighters, wall washers, adjustable directional lights, floodlights, desk lights, etc. This document specifies the required data.

1 Scope

This European Standard specifies the required data for lamps and luminaires for the verification of conformity to the requirements of EN 12464-1 and EN 12464-2. It also specifies data that are commonly used for lighting of indoor and outdoor work places. When these data are provided, they should conform to this document.

An increasing number of luminaires mainly those with LED are luminaires with non-replaceable light sources. Therefore data should always be given for luminaires. For luminaires with replaceable lamps, lamp data should also be provided.

NOTE Product, safety and performance data can be found in CENELEC documents (see Bibliography).

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.

EN 12464-1, *Light and lighting — Lighting of work places — Part 1: Indoor work places*

EN 12464-2:2014, *Light and lighting — Lighting of work places — Part 2: Outdoor work places*

EN 12665, *Light and lighting — Basic terms and criteria for specifying lighting requirements*

EN 13201-3, *Road lighting — Part 3: Calculation of performance*

CIE 117, *Discomfort glare in interior lighting*