
Dopolnilo A2 - Sijalke, viri svetlobe in okrovi svetlečih diod (LED) za cestna vozila - Tehnične zahteve

Amendment 2 - Lamps, light sources and LED packages for road vehicles - Performance requirements

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Lampes, sources lumineuses et LED encapsulées pour véhicules routiers - Exigences de performances
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Ta slovenski standard je istoveten z: EN IEC 60810:2018/prA2:2021

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ICS:

29.140.20	Žarnice z žarilno nitko	Incandescent lamps
43.040.20	Naprave za osvetlitev, signalizacijo in opozarjanje	Lighting, signalling and warning devices

SIST EN IEC 60810:2018/oprA2:2021 en

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[SIST EN IEC 60810:2018/oprA2:2021](https://standards.iteh.ai/catalog/standards/sist/1e6b5635-d36e-4141-b087-67d652aa722e/sist-en-iec-60810-2018-opra2-2021)

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34A/2243/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 60810/AMD2 ED5	
DATE OF CIRCULATION: 2021-09-03	CLOSING DATE FOR VOTING: 2021-11-26
SUPERSEDES DOCUMENTS: 34A/2242/RR	

IEC SC 34A : ELECTRIC LIGHT SOURCES	
SECRETARIAT: United Kingdom	SECRETARY: Mr Petar Luzajic
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input checked="" type="checkbox"/> QUALITY ASSURANCE <input type="checkbox"/> SAFETY	
<input type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING	<input checked="" type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING

<https://standards.iteh.ai/catalog/standards/sist/1e6b5635-d36e-4141-b087-67d652aa722e/sist-en-iec-60810-2018-opra2-2021>

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Amendment 2 - Lamps, light sources and LED packages for road vehicles - Performance requirements

PROPOSED STABILITY DATE: 2024

NOTE FROM TC/SC OFFICERS:

The changes are grouped by subject into 3 separate parts. In order to keep the timing-synchronicity with the related proposal to UN Resolution R.E.5 (Consolidated Resolution on the common specification of light source categories), and due to the maturity of the proposals which were also pre-aligned with the GTB WGLS, the 34A/WG2 agreed at the meeting on 2021-06-14 for this project to start directly with a CDV.

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Part 1: Amending Clause 7.3 Table 5 to include the new LED categories

Add in Table 5 below the existing row "L1/6A, L1/6B", new rows as follows:

Table 5 – Minimum $L_{70}B_{10}$ values for replaceable LED light sources

Category according to R.E.5	Minimum $L_{70}B_{10}$ h
...	...
PY21W/LED	1000 ^{fl}
C5W/LEDK	2500
R5W/LED	2500
W5W/LEDK	2500
WY5W/LED	1000 ^{fl}
H11/LED/6	2500

Part 2: Amending Clause 7.7 Table 9 to include the new LED categories

Add in Table 9 below the existing row "LR3, LR4, LR5, LW3, LW5, LY3, LY5, L1/6", new rows as follows:

Table 9 - Maximum mass for LED light sources

LED light source category	Gap	Mass
....
PY21W/LED	BAU15-3(110°)	25
R5W/LED	BA15-3(110°)	25
C5W/LEDK	SVX8.5	5
W5W/LEDK	WX2.1x9.5d	5
WY5W/LED	WX2.1x9.5d	5
H11/LED/6	PGJX19-2	80 ^a
Key		
^a The total mass excludes the mass of the optional cable		

Part 3: Adding a new Clause 6.9. to introduce white colour groups for discharge lamps

Insert a new clause 6.9

(Note 1 for the editors: Table-numbers and Figure-numbers need to be finalized after the CDV, and possibly the following Tables and Figures in the document need to be re-numbered)

(Note 2 for the editors: The proposed Table xx1 is the same as the existing Table 16)

(Note 3 for the editors: The proposed Figure xx1 is the same as the existing Figure 13)

6.9 White colour groups

The discharge lamp shall be marked with the applicable colour group name or its abbreviation or its nominal CCT value as defined in Table xx1.

These three white colour groups are defined with a nominal Correlated Colour Temperature (CCT).