

**AS 4192—2006**  
(Incorporating Amendment No. 1)

AS 4192—2006

**Australian Standard<sup>®</sup>**

## **Illuminated flashing arrow signs**



This Australian Standard® was prepared by Committee LG-006, Road traffic signals. It was approved on behalf of the Council of Standards Australia on 14 August 2006. This Standard was published on 28 August 2006.

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- ARRB Transport Research Ltd
- AUSTROADS
- Australian Electrical and Electronic Manufacturers Association
- Australian Industry Group
- Brisbane City Council
- Commonwealth Department of Transport and Regional Services
- Department for Transport, Energy and Infrastructure (SA)
- IES: The Lighting Society
- Local Government New Zealand
- Roads and Traffic Authority of NSW
- VicRoads

Additional Interests:

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  - A D Engineering Pty Ltd
  - Aldridge Electrical Industries Pty Ltd
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This Standard was issued in draft form for comment as DR 05543.

Standards Australia wishes to acknowledge the participation of the expert individuals that contributed to the development of this Standard through their representation on the Committee and through public comment period.

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## **Illuminated flashing arrow signs**

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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee LG-006, Road Traffic Signals, to supersede AS/NZS 4192:1994.

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*This Standard incorporates Amendment No. 1 (February 2007). The changes required by the Amendment are indicated in the text by a marginal bar and amendment number against the clause, note, table, figure or part thereof affected.*

The use of illuminated flashing arrow signs is subject to regulation by traffic control authorities. Guidance on their use is provided in AS 1742.3, *Manual on uniform traffic control devices*, Part 3: *Traffic control devices for works on roads*.

The significant technical changes that have been made in this Standard from the previous publication relate in general, to the replacement of three prescribed light sources with a performance-based specification for the light-emitting elements. Specifically this involves the following:

- (a) Revision of display panel sizes.
- (b) Definition of light-emitting elements.
- (c) Specification of element sizes.
- (d) Specification of luminous intensity distributions for large and small elements.
- (e) Revised chromaticity boundaries for elements.
- (f) Choice of large or small elements for both size A and B signs.
- (g) Separation of sign size from mounting style (e.g. size C signs not necessarily trailer mounted).
- (h) Provision of detailed requirements for photometric and colorimetric measurements.

The terms ‘normative’ and ‘informative’ have been used in this Standard to define the application of the appendix to which they apply. A ‘normative’ appendix is an integral part of a Standard, whereas an ‘informative’ appendix is only for information and guidance.

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