



Lighting poles and bracket arms— Recommended dimensions



This Australian Standard® was prepared by Committee LG-002, Lighting for Roads and Public Spaces. It was approved on behalf of the Council of Standards Australia on 22 October 2014.

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- Astronomical Society of Australia
 - Australian Industry Group
 - Australian Local Government Association
 - CIE Australia
 - Consumers Federation of Australia
 - Department of Transport and Main Roads, Queensland
 - Energy Efficiency and Conservation Authority of New Zealand
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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 the public comment period.

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Australian Standard[®]

Lighting poles and bracket arms— Recommended dimensions

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PREFACE

This Standard was prepared by the Standards Australia Committee LG-002, Lighting for Roads and Public Spaces, to supersede AS 1798—1992, *Lighting poles and bracket arms—Preferred dimensions*.

The objective of this Standard is to provide designers of lighting poles and bracket arms for use in installations providing lighting to roads and other outdoor public spaces with a range of recommended dimensions to facilitate compatibility.

The most significant changes introduced in this edition are as follows:

- (a) The requirements have been relaxed. The document now contains recommendations only. This is reflected in the title, with the change from ‘preferred dimensions’ to ‘recommended dimensions’.
- (b) The Standard has been updated to align it with the Category V and Category P lighting schemes of AS/NZS 1158.1.1 and AS/NZS 1158.3.1.
- (c) An increase in the planting depth for certain sizes of buried poles.
NOTE: See Table 2.1.
- (d) Alterations to the provisions for door openings and cable entry holes.
NOTE: See Clauses 2.5 and 2.6, and Figure 2.1.
- (e) Alterations to the provisions for the dimensions and angle of luminaire fixing spigots.
NOTE: See Section 4.
- (f) The addition of an appendix detailing the recommended dimensions of the pole or bracket arm end in order for it to be dimensionally compatible with top-entry luminaires.
NOTE: See Appendix C.

The term ‘informative’ has been used in this Standard to define the application of the appendix to which it applies. An ‘informative’ appendix is for information and guidance only.

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