

American National Standard

Approved October 30, 2021

Secretariat: ANSLG - National Electrical Manufacturers Association

For Electric Lamps—

PAR and R Shapes

An American National Standard implies a consensus of those substantially concerned with its scope and provisions. It is intended as a guide to aid the manufacturer, the consumer, and the general public. The existence of an American National Standard does not in any respect preclude anyone, whether he has approved the standard or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standards. Users are cautioned to obtain the latest editions.

The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute.

CAUTION NOTICE: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken periodically to reaffirm, revise, or withdraw this standard. Purchasers of American National Standards may receive current information on all standards by calling or writing the American National Standards Institute.

American National Standard

Approval of an American National Standard requires verification by ANSI that the requirements for due process, consensus, and other criteria for approval have been met by the standards developer. An American National Standard implies a consensus of those substantially concerned with its scope and provisions. Consensus is established when, in the judgment of the ANSI Board of Standards Review, substantial agreement has been reached by directly, and materially affected interests. Substantial agreement means much more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and that a concerted effort be made toward their resolution.

The existence of an American National Standard does not in any respect preclude anyone, whether s/he has approved the standard or not, from manufacturing, marketing, purchasing, or using products, processes, or procedures not conforming to the standards. It is intended as a guide to aid the manufacturer, the consumer, and the general public.

The American National Standards Institute does not develop standards and will in no circumstances give an interpretation of any American National Standard. Moreover, no person shall have the right or authority to issue an interpretation of an American National Standard in the name of the American National Standards Institute. Requests for interpretations should be addressed to the secretariat or sponsor whose name appears on this title page.

CAUTION NOTICE: This American National Standard may be revised or withdrawn at any time. The procedures of the American National Standards Institute require that action be taken periodically to reaffirm, revise, or withdraw this standard. Purchasers of American National Standards may receive current information on all standards by calling or writing the American National Standards Institute.

Printed and distributed by:

Information Handling Services/Global Engineering Documents
15 Inverness Way East, Englewood, CO 80112-5776
Under Contract with National Electrical Manufacturers Association

Copyright © 2021 by American National Standard Lighting Group
In Affiliation with National Electrical Manufacturers Association All
rights reserved.

No part of this publication may be reproduced in any form,
in an electronic retrieval system or otherwise, without
prior written permission of the publisher.

Printed in the United States of America

Table of Contents

Foreword.....		iv
Part I	General Information	1
1	Scope.....	1
2	Normative References.....	1
3	Definitions and abbreviations.....	2
4	Lamp designations.....	2
5	Bulb designations.....	2
6	Bulb finish.....	3
7	Beam photometry and classification.....	3
8	Lamp drawings.....	3
9	Electrical characteristics.....	4
1 0	Requirements.....	
4		
1 1	Information on luminaire design.....	
4		
Part II	Lamp Classes	7
Table 1	Standard Lamp Classes with PAR and R Bulbs.....	9
Part III	Lamp Space Drawings	15
Part IV	Product Drawings	35
Annexes		41
Annex A	Informative References.....	43