



**ANSI C78.21-2011 (R2016)**

*American National Standard for Incandescent Lamps—  
PAR and R Shapes*

Secretariat:

**National Electrical Manufacturers Association**

Approved: August 23, 2016

**American National Standards Institute, Inc.**

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**Foreword** (This foreword is not part of American National Standard C78.21)

Suggestions for improvement of this standard should be submitted to the Secretariat C78, 1300 North 17<sup>th</sup> Street, Suite 900, Rosslyn, VA 22209.

This standard was processed and approved by the Accredited Standards Committee on Electric Lamps, C78. Committee approval of the standard does not necessarily imply that all committee members voted for that approval.

## CONTENTS

Foreword.....	ii
<b>Part I      General Information.....</b>	<b>1</b>
1      Scope.....	1
2      Normative References.....	1
3      Definitions and abbreviations.....	2
4      Lamp designations.....	2
5      Bulb designations.....	3
6      Bulb finish.....	3
7      Beam photometry and classification.....	3
8      Lamp drawings.....	3
9      Electrical characteristics. ....	4
10      Requirements.....	4
11      Information on luminaire design.....	4
<b>Part II      Lamp Classes.....</b>	<b>7</b>
Table 1      Standard Lamp Classes with PAR and R Bulbs.....	7
<b>Part III      Lamp Space Drawings.....</b>	<b>13</b>
<b>Part IV      Product Drawings.....</b>	<b>31</b>
Annex A      Informative References.....	36

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## **Part I General Information**

### **1 Scope**

This standard provides physical and electrical characteristics of the group of incandescent lamps that have PAR and R bulb shapes. Lamps with clear, frosted, and lens end bulbs, with clear and prescription lenses, and with various reflector coatings are covered. Lamps covered in this standard may contain either of two basic types of light sources: an incandescent filament or a tungsten halogen inner bulb. Sunlamps and heat lamps of the R type are included. Lamps with discharge arc tubes are not included.

Other groups of incandescent lamp standards are affected by this revision. Please see the normative paragraph below referencing 78.20, 78.22, and 78.23.

At the time of issuance of this standard there was no comparable standard published by the International Electrotechnical Commission (IEC).