



**ANSI C136.14-2020**  
Revision of ANSI C136.14-2014

*American National Standard for  
Roadway and Area Lighting Equipment—  
Elliptically Shaped, Enclosed Side-Mounted Luminaires*

Secretariat:

**National Electrical Manufacturers Association**

Approved: July 9, 2020

**American National Standards Institute**

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**Foreword** (This foreword is not part of American National Standard C136.14-2020.)

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## CONTENTS

Foreword .....	ii
1 Scope .....	1
2 Normative References .....	1
3 Mounting Provisions.....	2
4 Terminal Blocks .....	2
5 Wiring and Grounding .....	2
6 Latching and Hinging .....	3
7 Voltage Classification .....	3
8 Socket .....	3
9 Refractor or Lens Replacement.....	3
10 Optical Assembly .....	3
11 Ingress Protection .....	3
12 Light Distribution .....	3
13 General Electrical Requirements .....	4
14 Starter .....	4
15 Barriers.....	4
16 Photocontrol Receptacle.....	4
17 Material and Protective Coatings.....	4
18 Internal Labeling .....	4
19 External Identification of Lamp.....	4
20 Effective Projected Area .....	5

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## 1 Scope

This Standard covers dimensional, maintenance, and light distribution features that permit the interchange of enclosed side-mounted luminaires for horizontal-burning high-intensity discharge (HID) lamps, solid-state lighting (LED) sources, and other light sources used in roadway and area lighting equipment. This type of luminaire has traditionally been used for street or roadway lighting and has commonly been referred to as *cobrahead-style* luminaires. Luminaires of similar size, shape, and weight meeting the requirements of this Standard may be used interchangeably within a system with the assurance that:

- a. They will fit the bracket arm.
- b. Pole strength requirements will not change.
- c. Light distribution will be similar.
- d. Similar maintenance procedures can be used.

Historically, luminaires covered by this Standard are elliptical in shape with lenses that meet the requirements of ANSI C136.17. Luminaires other than HID may have a different unique shape, as long as they meet the requirements listed above.

Excluded from this Standard are luminaires having rectilinear and round shapes traditionally covered by ANSI C136.23.