

1 OF ELECTRICAL CONSTRUCTION AND
2 CERTIFICATION OF MASTER
3 ELECTRICIANS, AND ELECTRICAL
4 CONTRACTORS, JOURNEYMEN AND
5 BEGINNING ELECTRICIANS

6 **SECTION 2.** 101.815 of the statutes is created to read:

7 **101.815 Outdoor Lighting.** (1) The department shall promulgate rules
8 relating to the design, sale, construction, installation and use of outdoor light
9 fixtures and bulbs or lamps used in outdoor light fixtures to achieve all of the
10 following:

11 (a) A cost-effective improvement in the energy efficiency of outdoor lighting.

12 (b) Outdoor lighting that is appropriate for its intended purpose, including
13 appropriate light intensity, distribution and color.

14 (c) Avoidance of unsafe conditions created by outdoor lighting by reducing glare
15 and uneven light distribution.

16 (d) Elimination, to the extent technically and economically feasible, of light
17 that is directed on areas other than the area that is intended to be illuminated.

18 (e) An increase in the capability of outdoor lighting to provide nighttime safety
19 and security and to illuminate work sites.

20 (f) Avoidance, to the extent technically and economically feasible, of
21 interference with the functions of any astronomical observatory operated by an
22 educational institution or research facility.

23 **(2)** (a) Except as provided in par. (b), the rules promulgated under sub. (1) shall
24 apply to all types of outdoor light fixtures and bulbs or lamps used in outdoor light
25 fixtures, whether permanently installed or portable, including all of the following:

- 1 1. Outdoor light fixtures used to illuminate areas or objects.
- 2 2. Outdoor light fixtures the bulb or lamp of which is used for decoration or is
- 3 otherwise intended to be viewed directly instead of used to illuminate an area or
- 4 object.
- 5 3. Outdoor light fixtures used inside an object to make the object visible at
- 6 night.
- 7 (b) The rules promulgated under sub. (1) shall not apply to an outdoor light
- 8 fixture, or a bulb or lamp used in an outdoor light fixture, if the light fixture or bulb
- 9 or lamp is used in or as part of a seasonal holiday decoration between November 1
- 10 and January 31.
- 11 **(3)** Rules promulgated under sub. (1) may include any of the following:
- 12 (a) Exceptions and exclusions based on any of the following:
- 13 1. The light output or design of an outdoor light fixture or a bulb or lamp used
- 14 in an outdoor light fixture.
- 15 2. The use of an outdoor light fixture in an emergency.
- 16 3. The hours of operation of an outdoor light fixture.
- 17 (b) Limitations on the hours of operation of an outdoor light fixture.
- 18 (c) Criteria specific to the type of area or object being illuminated.
- 19 (d) Prohibitions on any of the following, on either a statewide basis or in
- 20 designated areas of this state:
- 21 1. Specific types or designs of outdoor light fixtures or bulbs or lamps used in
- 22 outdoor light fixtures.
- 23 2. Uses of outdoor light fixtures.
- 24 (e) Requirements for upgrading existing outdoor light fixtures or for replacing
- 25 existing bulbs or lamps.

