



Nevada Governor's
Office of Energy

FACT SHEET

December, 2020

General Service Lamps

In August 2020, the Director of the Governor's Office of Energy adopted regulation [R100-19](#) pursuant to NRS 701.260 as amended under AB 54 (2019). Regulation R100-19 sets a minimum standard of energy efficiency of 45 lumens per watt of electricity consumed that must be produced by General Service Lamps sold in Nevada on and after **January 1, 2021**.

What are General Service Lamps?

General Service Lamps (GSLs) refer to lighting applications traditionally served by general service incandescent lamps (GSILs), also known as "A-type" bulbs. The majority of lighting in a residence is covered under the new standard and definitions.

Included in the new standard are:

- General Service Incandescent Lamps (GSILs)
- Compact Fluorescent Lamps (CFLs)
- General Service LED Lamps
- General Service Organic LED Lamps
- Reflector Lamps

These are the most commonly used lightbulbs, generally the pear-shaped bulbs. Common applications are table side lamps and light fixtures that are used daily.

What is the definition of general service lamp?

"General service lamp" means a lamp that has a medium, candelabra or intermediate screw base; is able to operate at a voltage of 12 volts or 24 volts, at or between 100 to 130 volts, at or between 220 to 240 volts, or of 277 volts for integrated lamps, or is able to operate at any voltage for nonintegrated lamps; has an initial lumen output of greater than or equal to 310 lumens (or 232 lumens for modified spectrum general service incandescent lamps) and less than or equal to 3,300 lumens; is not a light fixture; is not an LED downlight retrofit kit; and is used in general lighting applications. General service lamps include, but are not limited to, general service incandescent lamps, compact fluorescent lamps, general service light-emitting diode lamps, and general service organic light-emitting diode lamps.

General service lamps do not include:

- (1) Appliance lamps
- (2) B-Shape lamps with a diameter of 1.25 inches as defined in ANSI C79.1-2002 and a Candelabra screw base that consumes \leq 40 watts.

- (3) Black light lamps
- (4) Bug lamps
- (5) Colored lamps
- (6) G shape lamps with a diameter of 5 inches or more as defined in ANSI C79.1- 2002
- (7) General service fluorescent lamps
- (8) Germicidal Ultraviolet Lamps (GUV)
- (9) High intensity discharge lamps
- (10) Infrared lamps
- (11) J, JC, JCD, JCS, JCV, JCX, JD, JS, and JT shape lamps that do not have Edison screw bases
- (12) Lamps that have a wedge base or prefocus base
- (13) Left-hand thread lamps
- (14) Marine lamps
- (15) Marine signal service lamps
- (16) Mine service lamps
- (17) MR shape lamps that have a first number symbol equal to 16 (diameter equal to 2 inches) as defined in ANSI C79.1-2002, operate at 12 volts, and have a lumen output greater than or equal to 800
- (18) Other fluorescent lamps
- (19) Plant light lamps
- (20) R20 short lamps
- (21) Reflector lamps that have a first number symbol less than 16 (diameter less than 2 inches) as defined in ANSI C79.1-2002 and that do not have E26/E24, E26d, E26/50x39, E26/53x39, E29/28, E29/53x39, E39, E39d, EP39, or EX39 bases
- (22) S shape or G shape lamps that have a first number symbol less than or equal to 12.5 (diameter less than or equal to 1.5625 inches) as defined in ANSI C79.1- 2002
- (23) Sign service lamps
- (24) Silver bowl lamps
- (25) Showcase lamps
- (26) Specialty MR lamps
- (27) T shape lamps that have a first number symbol less than or equal to 8 (diameter less than or equal to 1 inch) as defined in ANSI C79.1-2002, nominal overall length less than 12 inches and that are not compact fluorescent lamps
- (28) Traffic signal lamps

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