

## Attachment 1

### PROPOSED REGULATION FOR THE OFFICE OF ENERGY

#### Lighting Standards

#### NRS 701.260

Chapter 701 of NAC is hereby amended by adding thereto the provisions set forth as sections 1 and 2, inclusive, of this regulation.

##### Section 1.

*ON AND AFTER JANUARY 1, 2020, NO GENERAL SERVICE LAMP MAY BE SOLD IN THIS STATE UNLESS IT MEETS OR EXCEEDS THE MINIMUM STANDARD OF ENERGY EFFICIENCY FOR LUMENS PER WATT OF ELECTRICITY CONSUMED THAT MUST BE PRODUCED BY GENERAL SERVICE LAMPS PURSUANT TO NRS 701.260. THE MINIMUM STANDARD OF ENERGY EFFICIENCY FOR GENERAL SERVICE LAMPS IS 45 LUMENS PER WATT OF ELECTRICITY CONSUMED.*

##### Section 2.

*GENERAL SERVICE LAMP MEANS:*

*(A) A LAMP THAT:*

*(1) HAS A ~~MEDIUM, CANDELABRA OR INTERMEDIATE SCREW BASE BASE THAT COMPLIES WITH ANSI STANDARDS~~; (2) IS ABLE TO OPERATE AT A VOLTAGE:*

*(I) OF TWELVE OR TWENTY-FOUR VOLTS;*

*(II) AT OR BETWEEN ONE HUNDRED AND ONE HUNDRED THIRTY VOLTS;*

*(III) AT OR BETWEEN TWO HUNDRED TWENTY AND TWO HUNDRED FORTY VOLTS; OR*

*(IV) OF TWO HUNDRED SEVENTY-SEVEN VOLTS FOR INTEGRATED LAMPS OR ANY VOLTAGE FOR NONINTEGRATED LAMPS;*

(3) HAS AN INITIAL LUMEN OUTPUT GREATER THAN OR EQUAL TO THREE HUNDRED TEN LUMENS, OR TWO HUNDRED THIRTY-TWO LUMENS FOR MODIFIED SPECTRUM GENERAL SERVICE INCANDESCENT LAMPS, AND LESS THAN OR EQUAL TO THREE THOUSAND THREE HUNDRED LUMENS;

(4) IS NOT A LIGHT FIXTURE OR AN LED DOWNLIGHT RETROFIT KIT; AND

(5) IS USED IN GENERAL LIGHTING APPLICATIONS;

(b) INCLUDES, **BUT IS NOT LIMITED TO**, GENERAL SERVICE INCANDESCENT LAMPS, COMPACT FLUORESCENT LAMPS, ~~AND~~ GENERAL SERVICE LED LAMPS, GENERAL SERVICE ORGANIC LED LAMPS, **AND REFLECTOR LAMPS**;

*One would incorporate by reference DOE definitions for the various terms used.*

(c) DOES 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 CONSUME  $\leq$  40 WATTS. THIS EXEMPTION EXPIRES ON DECEMBER 31, 2022.**

(2) BLACK LIGHT LAMPS;

(3) BUG LAMPS;

(4) COLORED LAMPS;

(5) G-SHAPE LAMPS WITH A DIAMETER OF FIVE INCHES OR MORE AS DEFINED IN ANSI C79.1-2002;

(6) GENERAL SERVICE FLUORESCENT LAMPS;

(7) **GERMICIDAL ULTRAVIOLET LAMPS (GUV)**

(8) HIGH- INTENSITY DISCHARGE LAMPS;

(9) INFRARED LAMPS;

(10) J, JC, JCD, JCS, JCV, JCX, JD, JS, AND JT-SHAPE LAMPS THAT DO NOT HAVE EDISON SCREW BASES;

(11) LAMPS THAT HAVE A WEDGE BASE OR PREFOCUS BASE

(12) LEFT-HAND THREAD LAMPS;

(13) MARINE LAMPS;

(14) MARINE SIGNAL SERVICE LAMPS;

(15) MINE SERVICE LAMPS;

(16) MR-SHAPE LAMPS THAT:

**Commented [VP1]:** This term would be defined as: Germicidal ultraviolet (GUV) lamps, where a GUV lamp is a lamp that is designed and marketed as germicidal lamp and is an ultraviolet lamp with the highest radiant power peaks in the UV-C band (200 to 280 nm) of the electromagnetic spectrum

- (a) HAVE A FIRST NUMBER SYMBOL EQUAL TO SIXTEEN (DIAMETER EQUAL TO TWO INCHES), AS DEFINED IN ANSI C79.1-2002;
- (b) OPERATE AT TWELVE VOLTS; AND
- (c) HAVE A LUMEN OUTPUT GREATER THAN OR EQUAL TO EIGHT HUNDRED;
- (17) OTHER FLUORESCENT LAMPS;
- (18) PLANT LIGHT LAMPS;
- (19) R20 SHORT LAMPS;
- (20) REFLECTOR LAMPS THAT HAVE A FIRST NUMBER SYMBOL LESS THAN SIXTEEN (DIAMETER LESS THAN TWO 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;
- (21) S-SHAPE OR G-SHAPE LAMPS THAT HAVE A FIRST NUMBER SYMBOL LESS THAN OR EQUAL TO TWELVE AND ONE-HALF (DIAMETER LESS THAN OR EQUAL TO 1.5625 INCHES) AS DEFINED IN ANSI C79.1-2002;
- (22) SIGN SERVICE LAMPS;
- (23) SILVER BOWL LAMPS;
- (24) SHOWCASE LAMPS;
- (25) SPECIALTY MR LAMPS;
- (26) T-SHAPE LAMPS THAT:
- (I) HAVE A FIRST NUMBER SYMBOL LESS THAN OR EQUAL TO TEN ~~EIGHT~~ (DIAMETER LESS THAN OR EQUAL TO ONE AND ONE QUARTER INCH), AS DEFINED IN ANSI C79.1-2002;
- (II) CONSUME  $\leq 40$  WATTS
- (III) HAVE A NOMINAL OVERALL LENGTH LESS THAN TWELVE INCHES; AND
- (IV) ARE NOT COMPACT FLUORESCENT LAMPS.
- THIS EXEMPTION EXPIRES ON DECEMBER 31, 2022;**
- OR
- (27) TRAFFIC SIGNAL LAMPS.