

1 Department of Transportation

2 Operations Division

3

4 Adopted Permanent Rules Relating to Minimum Energy Efficiency

5 Standards for Street, Highway, and Parking Lot Lighting

6

7 Rules as Adopted

8 8885.0100 DEFINITIONS.

9 Subpart 1. **Scope.** The terms used in parts 8885.0100 to  
10 8885.0300 have the meanings given them in this part.

11 Subp. 2. **Existing lighting equipment.** "Existing lighting  
12 equipment" means lighting equipment that is in place, or for  
13 which construction plans for installing the lighting equipment  
14 have been under contract before August 1, 1992.

15 Subp. 3. **Initial efficiency.** "Initial efficiency" means a  
16 measurement of energy performance of a new lamp, and is  
17 determined by dividing the initial lumen output of the lamp by  
18 its wattage (nominal lamp wattage) and is expressed in lumens  
19 per watt.

20 Subp. 4. **Lighting equipment.** "Lighting equipment" means a  
21 complete lighting fixture including the parts designed to  
22 distribute the light, to position and protect the lamp, and to  
23 connect the lamp to the power supply but does not include the  
24 lamp.

25 Subp. 5. **Lumen output.** "Lumen output" means the total  
26 luminous flux (~~power~~) of a lamp in lumens.

27 Subp. 6. **Motor vehicle sales lot.** "Motor vehicle sales  
28 lot" means an improved area having public access for the sale of  
29 motor vehicles as defined in Minnesota Statutes, section  
30 168.011, subdivision 4.

31 Subp. 7. **Parking lot.** "Parking lot" means an improved  
32 area designated for the purposes of parking, storing, or  
33 allowing licensed motor vehicles to remain, but does not include  
34 a motor vehicle sales lot or a parking area of a single family  
35 residence.

1 Subp. 8. **Sign lighting.** "Sign lighting" means a type of  
2 lighting with the sole purpose of illuminating overhead,  
3 mounted, sign panels.

4 Subp. 9. **Street or highway.** "Street" or "highway" has the  
5 meaning given in Minnesota Statutes, section 169.01, and  
6 includes private roads that are open to public travel and under  
7 the jurisdiction of and maintained by a public authority.

8 Subp. 10. **Worn out.** "Worn out" means a condition when  
9 lighting equipment is damaged or broken in such a way that it is  
10 no longer able to perform its primary function of distributing  
11 light.

12 8885.0200 PURPOSE AND SCOPE.

13 Subpart 1. **Purpose.** The purpose of parts 8885.0100 to  
14 8885.0300 is to establish minimum energy efficiency standards  
15 for street, highway, and parking lot lighting in Minnesota so  
16 that energy consumption can be reduced, while ensuring the  
17 overall protection of the public health, safety, and welfare.

18 Subp. 2. **Scope.** Parts 8885.0100 to 8885.0300 apply to  
19 newly installed and existing highway, street, and parking lot  
20 lighting equipment. Parts 8885.0100 to 8885.0300 do not apply  
21 to roadway sign lighting.

22 8885.0300 REQUIREMENTS AND PROHIBITIONS.

23 Subpart 1. **Requirements.** All new installations and  
24 replacements of worn out lighting equipment must be installed or  
25 replaced with lighting equipment containing lamps with initial  
26 efficiencies of at least 70 lumens per watt.

27 Subp. 2. **Prohibition.** The installation of lighting  
28 equipment with lamps having initial efficiencies less than 70  
29 lumens per watt is prohibited.