

CHAPTER 8885

DEPARTMENT OF TRANSPORTATION

OPERATIONS DIVISION

LIGHTING STANDARDS

MINIMUM ENERGY EFFICIENCY
STANDARDS FOR STREET, HIGHWAY,
AND PARKING LOT LIGHTING

8885.0100 DEFINITIONS.

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MINIMUM ENERGY EFFICIENCY STANDARDS FOR STREET, HIGHWAY, AND PARKING LOT LIGHTING

8885.0100 DEFINITIONS.

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

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

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

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

Subp. 5. **Lumen output.** "Lumen output" means the total luminous flux of a lamp in lumens.

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

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

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

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

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

Statutory Authority: *MS s 216C.19*

History: *19 SR 1965*

8885.0200 PURPOSE AND SCOPE.

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

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

Statutory Authority: *MS s 216C.19*

History: *19 SR 1965*

8885.0300 REQUIREMENTS AND PROHIBITIONS.

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

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

Statutory Authority: *MS s 216C.19*

History: *19 SR 1965*