

ASSEMBLY BILL NO. 188—ASSEMBLYMAN CARRILLO

FEBRUARY 20, 2015

Referred to Committee on Transportation

SUMMARY—Revises provisions governing certain equipment for motor vehicles. (BDR 43-626)

FISCAL NOTE: Effect on Local Government: Increases or Newly Provides for Term of Imprisonment in County or City Jail or Detention Facility.
Effect on the State: Yes.

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EXPLANATION – Matter in *bolded italics* is new; matter between brackets ~~omitted material~~ is material to be omitted.

AN ACT relating to motor vehicles; providing certain limitations on the headlamps on certain vehicles; providing a penalty; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

Under existing law, every motor vehicle other than a motorcycle or moped must be equipped with at least two headlamps, and every motorcycle or moped must be equipped with at least one headlamp. (NRS 484D.110, 486.281) The lowermost distribution of light, commonly known as “low beam,” from such headlamps on a motor vehicle other than a motorcycle or moped must be so aimed and of sufficient intensity to reveal persons and vehicles at a distance of at least 100 feet ahead, and the uppermost distribution of light, commonly known as “high beam,” from such headlamps must be so aimed and of sufficient intensity to reveal persons and vehicles at a distance of at least 350 feet ahead. (NRS 484D.210) Finally, whenever a motor vehicle equipped with headlamps is also equipped with any auxiliary lamps, spot lamps or any other lamp on the front projecting a beam of intensity greater than 300 candle power, not more than a total of four of any such lamps may be lighted at one time when upon a highway. (NRS 484D.220) Under existing federal law, a “high-intensity discharge lamp” is defined to mean an electric-discharge lamp in which: (1) the light-producing arc is stabilized by the arc tube wall temperature; and (2) the arc tube wall loading is in excess of 3 watts per square centimeter. (10 C.F.R. § 431.282)

Section 1 of this bill provides that, to the extent not preempted by federal law, a motor vehicle may be equipped with high-intensity discharge headlamps provided that such headlamps have a correlated color temperature of not less than 5,000 kelvins and not more than 6,000 kelvins. **Section 2** of this bill provides the same limitations on the headlamp or headlamps on a motorcycle or moped. A violation of these new limitations is a misdemeanor under existing law. (NRS 484A.900, 486.381)



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THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

Section 1. NRS 484D.220 is hereby amended to read as follows:

484D.220 1. At all times specified in NRS 484D.100, a lighted headlamp or headlamps meeting the requirements of NRS 484D.110 shall be displayed on a motor vehicle except when the vehicle is parked.

2. Whenever a motor vehicle equipped with headlamps is also equipped with any auxiliary lamps, spot lamp or any other lamp on the front projecting a beam of intensity greater than 300 candle power, not more than a total of four of any such lamps may be lighted at one time when upon a highway.

3. A motor vehicle may be equipped with headlamps that are high-intensity discharge lamps if such headlamps have a correlated color temperature of not less than 5,000 kelvins and not more than 6,000 kelvins.

4. The provisions of subsection 3 do not apply to the extent preempted by federal law.

5. As used in this section, "high-intensity discharge lamp" has the meaning ascribed to it in 10 C.F.R. § 431.282.

Sec. 2. NRS 486.281 is hereby amended to read as follows:

486.281 1. Every motorcycle or moped shall be equipped with at least one and not more than two head lamps.

2. Every such head lamp on a motorcycle shall be located at a height of not more than 54 inches nor less than 24 inches from the ground as measured from the center of the lamp to the level ground upon which such motorcycle stands without a load.

3. A motorcycle or moped may be equipped with one or two headlamps that are high-intensity discharge lamps if each such headlamp has a correlated color temperature of not less than 5,000 kelvins and not more than 6,000 kelvins.

4. The provisions of subsection 3 do not apply to the extent preempted by federal law.

5. As used in this section, "high-intensity discharge lamp" has the meaning ascribed to it in 10 C.F.R. § 431.282.

