

# The Evolution of Automobile Headlights

## Where They Began and Why They're Safer and More Effective Today

by Carter McCollum

When you take a look at automobiles, it is clear that technology has come a long way. Manufacturers continuously evolve the way that they craft everything that makes up an automobile, providing safer and more effective transportation to consumers. The headlights are no exception when it comes to things that have changed throughout the years.

### The First Electric Headlight

The electric headlight is more than 100 years old. The very first headlight was created in the 1800 but was not crafted for release until 1912, when Cadillac put out its very first headlamp system. This headlight system was far ahead of its time, and it could be used during inclement weather, including snow and rain, without burning out. The company Guide Lamp then improved upon its system by introducing the low beam light. Cadillac once again doubled down on its evolution by creating a life that you could activate from inside of the car. Prior to that, you had to get out of the vehicle and switch the lights on manually.



### The Modern Head Light

Another evolution took place in 1924, when Cadillac once again took the level. They did this by incorporating a headlight that used both high beams and low beams. They also incorporated a dimmer switch that you could use for high beam and low beam effects. A few decades later, in the 1960s, European companies created a halogen light which is similar to the lights that we use today. These lights produce far more light than you would find with other methods of head lamps.

### The Introduction of LED Headlights

In this day and age, the LED light is the next rendition of headlamp. LEDs use lighting that is far more energy efficient and significantly brighter than any other form of light coming before this innovation. These lights are widely available from a lot of vehicle manufacturers. Consumers can also have them installed on most vehicles, including classic cars, regardless of the year, make or model. LED headlights have a long lifespan, and prevents some of the older problems consumers experienced, including having to regularly replace burnt out bulbs.

LED headlights generate a clean, white, light – much different than the yellow hues offered by many headlights that came before. This creates a clearer picture of the road ahead. When professionally installed, they are also easy to focus in tightly on cars, pedestrians and even smaller objects ahead, and this increases safety for everyone on the road.

These lights enhance safety because they increase visibility on the road. Consider that, nine times out of ten, when people get into accidents, it is because one vehicle was not able to avoid another in time. By increasing visibility, LED headlights have the potential to drastically cut down on the likelihood of getting into an accident. These lights serve as an excellent investment in any vehicle, making conditions safer for drivers any time they are on the road.

History has shown that one of the most prolific innovations in the automobile industry has come in the form of the headlight. It has evolved to the point that it is easier for drivers to make their presence known on the road, and they enjoy greater efficiency than drivers had when the first headlamps were introduced in the early 1900s.

### About the Author

Carter McCollum is the publisher of "<http://hidheadlightconversionkit.com/>" saving lives and helping to keep drivers of all cars safer on our roadways.