



WHAT IS A PROJECTOR AND HOW TO IDENTIFY ONE

A large number of cars are now equipped with projector headlights. These lights are different from reflectors headlight for multiple reasons. This is what we will be describing in this tech bulletin.

Projector headlights have a spherical lens in the front which allows it to accentuate the projection effect. This lens combines the light from the bulbs to provide a more concentrated beam of light and projects it into a horizontal beam, an important feature because that way you can increase the power of your bulbs with a high performance LED package without blinding oncoming traffic.



PROJECTOR

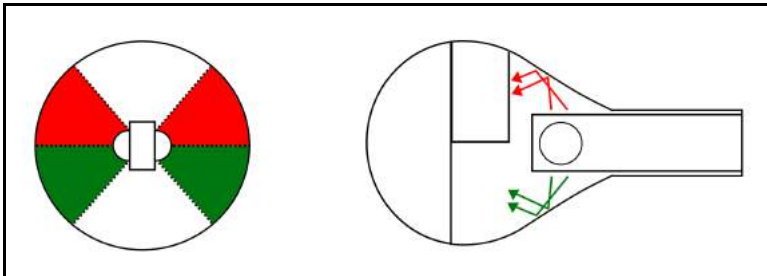


REFLECTOR

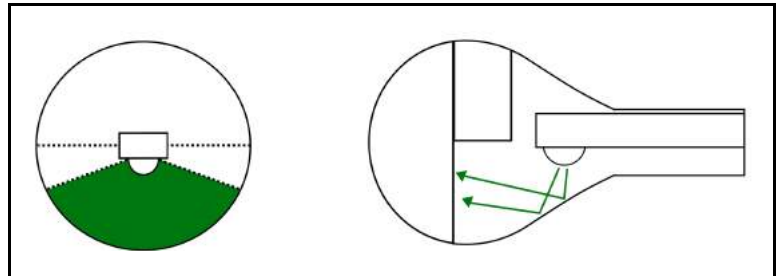
HOW DOES A PROJECTOR WORK?

The inside of the projector is composed of a chrome reflector and a half-moon shaped metal eyelid blocking the top part. The light emitted by the bulb can therefore only pass underneath the half-moon. The emitted light is then directed to the glass lens that will project it, similar to the magnifying glass effect with sun rays. The half-moon blocks the light emitted on the upper part to create a horizontal beam on the road. It is cut with a knife and very effective for night driving.





NON-PROJECTOR LED



By using our 6000 lumen LEDs for projectors, you'll get a concentrated light stream directed towards the ground with the chips facing downward instead of left and right. This feature allows 100% of the light to pass under the metal eyelid which improves your vision and security on the road. This is the only available and effective kit for projectors.

