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Objectives:

- Description of LED Matrix Headlight.
- Analysis of LED Matrix Headlight's properties.
- Their Advantages.

New Innovation In Car Lighting Technology: LED Matrix Headlight





Hella Has Developed The Technology

HELLA Develops Unique Matrix LED Headlamp System With Audi



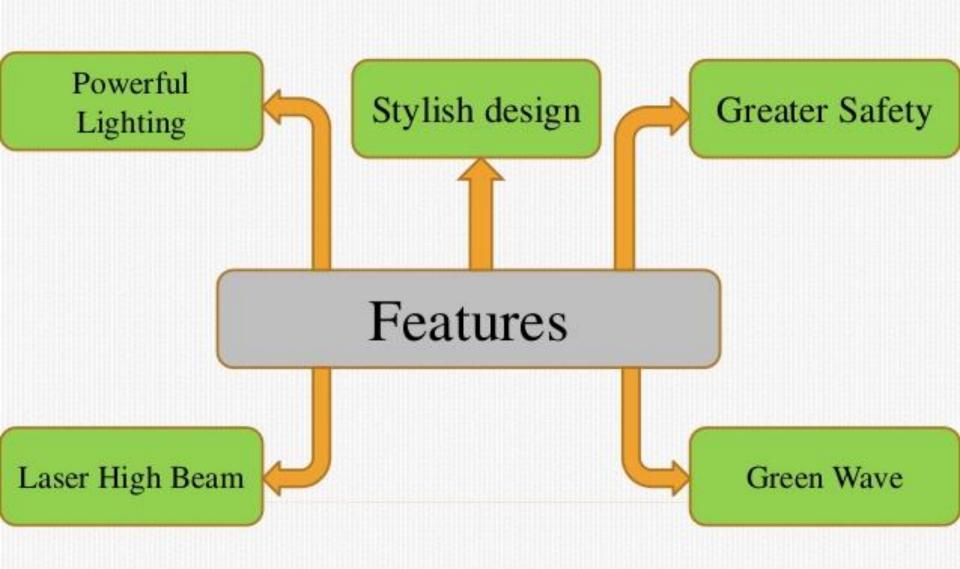
PLYMOUTH, Mich., April 15, 2014 /PRNewswire/ —
HELLA, a leading global supplier of automotive lighting
and electronics, has developed an industry-first
headlamp system that automatically adjusts high-beam
light patterns for other traffic and pedestrians.

Recently introduced on the Audi A8 in Europe, HELLA's Matrix LED headlamp system uses camera-based technology to create glare-fee "tunnels"

in front of a vehicle. The system allows car owners to continually use their high beams without fear of blinding other drivers.

So.....What Is LED Matrix Headlight





Stylish Design

LED matrix head light looks like three dimensional, dynamic and interactive.

Powerful Lighting

The new Matrix LED technology is activated from a speed of 30 km/h outside built-up areas and from 60 km/h in towns and cities.

Greater Safety

- The Matrix LED headlights also function as a cornering light.
- ❖Using predictive route data supplied by the MMI navigation plus, the focus of the beam show bends when driver turns the steering wheel.

Laser High beam

The combination of the laser high beam with Matrix LED technology improves visibility and consequently safety standards significantly.

Green Wave

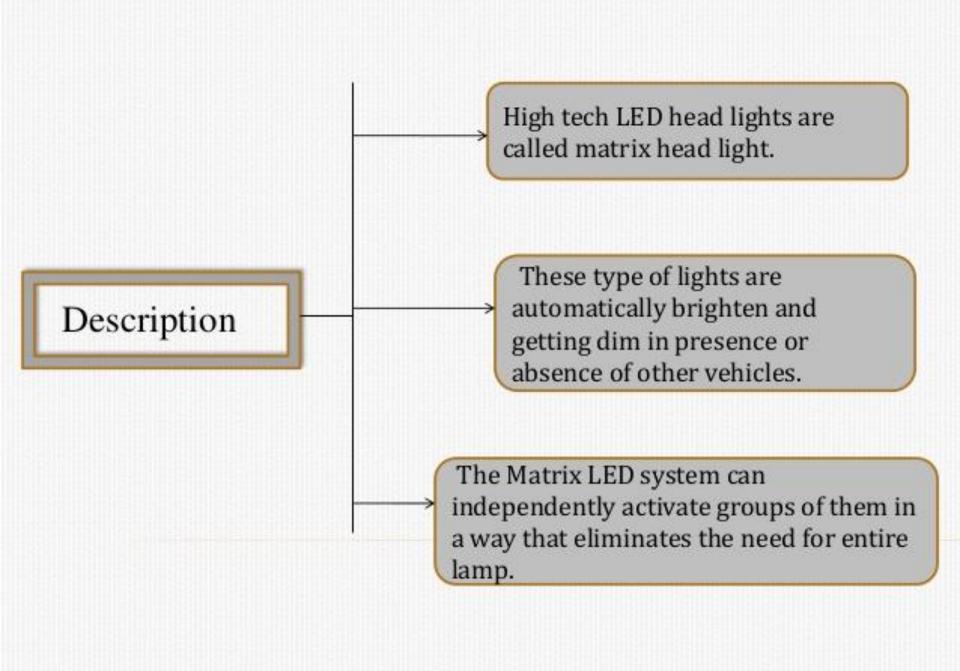
The LED Matrix headlights completely eliminate that with its amazingly innovative sensor technology just in case drivers forget.

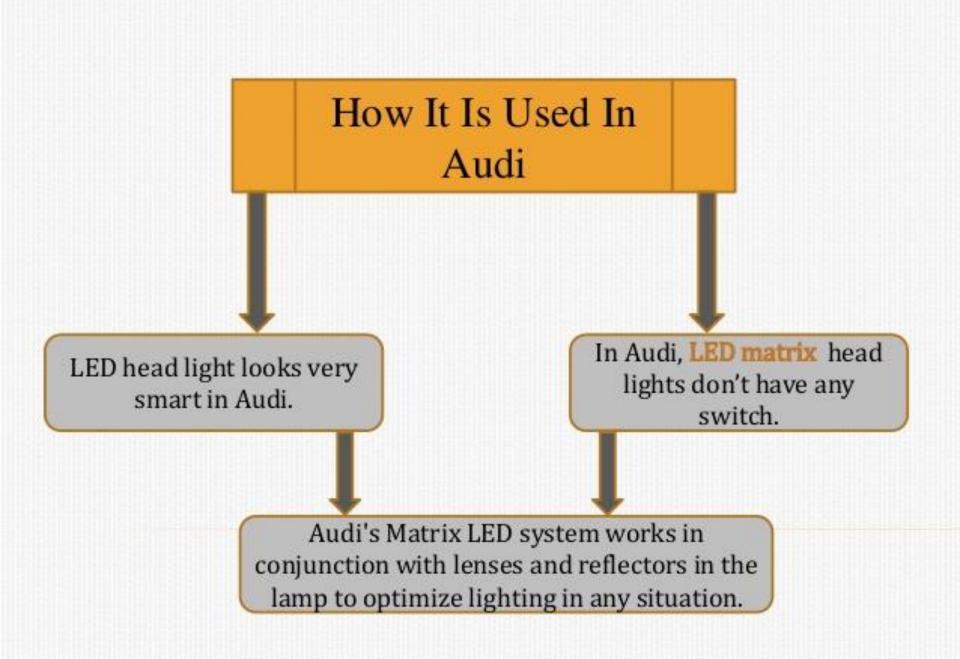
Requirement

Technology innovations are always followed by some changes in the design of automobiles.

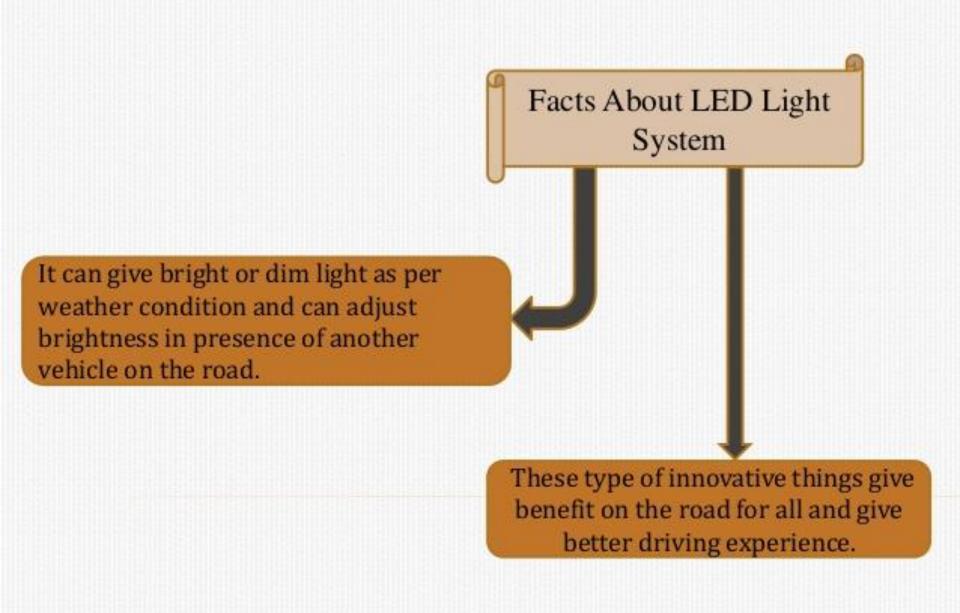
LED lights are very efficient at converting electricity into visible light.

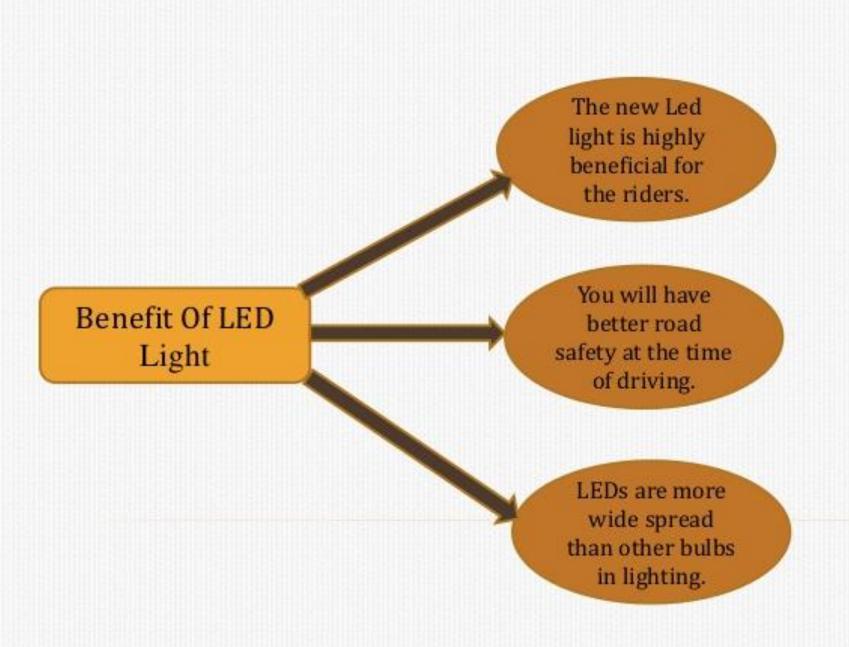
These lights are solid state components and also resistant to damage from external vibrations.



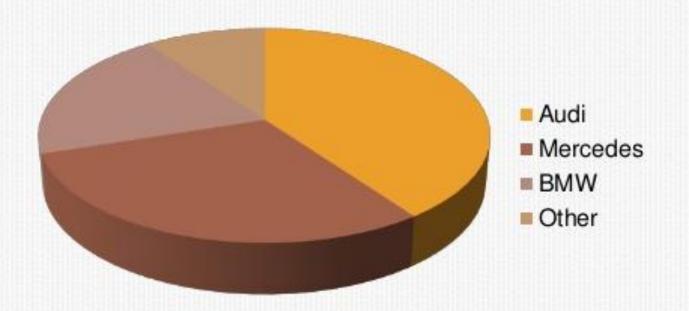








Use Of LED Light



Thanks for your attention.