

PRESS RELEASE

KOITO MANUFACTURING CO., LTD.

KOITO's LED Compact-Bi-function Won 2016 Automotive News PACE Award "Product award"

KOITO MANUFACTURING CO., LTD. ("KOITO") (Head Office: Minato-ku, Tokyo; President: Hiroshi Mihara) announces that KOITO's LED Compact-Bi-function was awarded 2016 Automotive News PACE Award "Product award" on April 11 (Eastern Standard Time). Automotive News is a U.S.-based newspaper focused on the automotive industry.

Automotive News PACE Award is given to manufacturers who succeeded in achieving innovative technology, or developing products or manufacturing processes, etc. which lead a great advance in the automotive industry. This is the first time for KOITO to win this prize.

LED Compact-Bi-function switches the high-beam and low-beam with a single LED, thus realized smaller size, lighter weight, and higher power-efficiency. KOITO started mass-producing it for the first time in the world in 2014.

LED headlamp features instant-lighting, vivid white glow, long-life, and lower power-consumption. However, so far, the high-beam and low-beam functions of LED headlamps have been realized using separate LED units, or two LED units.

By revolutionizing optical system, minimizing and unifying the unit components, LED Compact-Bi-function incorporated both high-beam and low-beam function together.

Realizing compactness, lightweight, and power-saving, LED Compact-Bi-function is expected to contribute to safety drive, and boost the fuel efficiency of motor vehicles. Furthermore, it is also expected to meet the needs of diversifying headlamp designs and vehicle styling.

In order to enhance safety and comfort of your car drive, KOITO will keep developing cutting-edge technologies and strive to produce products which meet the customer's needs.

[Outline of the prize awarded to KOITO]

1. Achievement: LED Compact-Bi-function
2. Description of the development:

KOITO succeeded in mass-producing the world's most compact and lightweight LED headlamp unit, capable of switching the high-beam and low-beam with a single LED, for the first time in the world.

Recognized as compact, lightweight, and power-saving LED unit with superior photometry performance, this product is now being used in a wide variety of vehicles, ranging from compact cars to luxury cars in all over the world.

