

**PRESS RELEASE**

KOITO MANUFACTURING CO., LTD.

**KOITO Launched “CLMS Caster Light”, A Compact Lighting Equipment for Studios**

– White CLMS LEDs provide high-quality lighting in studios –

KOITO MANUFACTURING CO., LTD. (“KOITO”) (Head Office: Minato-ku, Tokyo; President: Hiroshi Mihara) has launched “CLMS Caster Light”, a compact lighting equipment with CLMS LEDs for broadcasting stations.

CLMS LED is a white LED having a CLMS phosphor that converts violet excitation light efficiently to yellow luminescence. CLMS LED illuminates wide area with even color lighting, while providing power-saving and long-life features of white LEDs. In addition, it suppresses glittering feeling which was the common feature of the conventional white LEDs.

KOITO has developed the “CLMS Caster Light” in collaboration with Japan Broadcasting Corporation to take advantage of the performance of CLMS LED. Through various trials on TV programs, this light has improved its performance and gained high reputation from program production staff, as it suppresses glare and makes the cast look well for its high-quality color rendition.

KOITO will continue to pursue broader applications of CLMS LEDs including automobile lighting.

**Features of “CLMS Caster Light”**

**1. Reduces glare**

Light-emitting surface provides even lighting which reduces glare of the conventional white LEDs.

**2. Emits light with high luminous flux**

The high luminous flux light eliminates shadows created by irradiations of spotlights set in studio.

**3. Provides high-quality color rendition**

High-quality color rendition makes the cast look well.

(average rendering index (Ra) of 90 or higher).

\*Awarded ‘2014 Technology Development Encouragement Award’ by Motion Picture and Television Engineering Society of Japan, Inc.

**Product Specifications**

Two emission colors : 3,200 K (incandescent) and 5,500 K (neutral white)

Dimensions of main body (H × W × D): 50 × 210 × 20 mm