



GS Yuasa Launches ECO-CERA F 360W Ceramic-Metal-Halide Lamp for High-Ceiling Lighting That Achieves an Industry-Leading Life*¹ of 40,000 Hours

GS Yuasa Corporation (Tokyo Stock Exchange: 6674; "GS Yuasa") announced that it has launched the ceramic-metal-halide lamp ECO-CERA F 360W that can use mercury lamp 400W ballast as is.

The newly launched ECO-CERA F 360W achieves an industry-leading 40,000 hours of life with a single luminous tube and enables a significant reduction in maintenance costs. In addition, because it has Ra85 color rendering*² and offers a substantial improvement in visibility compared to conventional mercury lamps and metal-halide lamps that have been used in the past, it contributes to both improved work efficiency and power saving.

ECO-CERA F 360W is a perfect product for replacing 400W mercury lamps and 400W metal-halide lamps that are often used in high-ceiling lighting for locations such as factories, warehouses, and gymnasiums. In accordance with the Minamata Convention on Mercury, it has been decided to discontinue production of mercury lamps from 2020. This product makes it possible to use existing ballast as is by only replacing the lamp, and it can be adopted at a low cost while rivaling the long life of LED products.

GS Yuasa will continue to offer lighting that is best suited for the use environments of customers through its broad lineup of ECO-CERA series and the LED lighting LEGA series that achieve energy saving and long life.

*1. Based on our research as of January 2015

*2. Color rendering is how colors are reproduced when exposed to a lamp.

[Characteristics of ECO-CERA F 360W]

Product name	ECO-CERA F 360W	Mercury lamp 400W	Metal-halide lamp 400W
Rated life (time)	40,000	12,000	9,000
Color temperature (K)	4,000	3,900	4,000
Color rendering (Ra)	85	40	65

[ECO-CERA F 360W product line-up]

Format	Type	Luminous flux (lm)
CM360·LSZE-W/BU	BT, transparent	36,000
CM360·LSZE-W/BU-UVC	BT, transparent	36,000
CM360F·LSZE-W/BU	BT, diffusive	34,200
CM360F·LSZE-W/BU-UVC	BT, diffusive	34,200

[Image]

ECO-CERA F 360W; when light switched on (left), when lights switched off (right)

