



GS Yuasa Launches the LEGA LDT100/200V30N-G LED Lamp
to Replace for Mercury Lamps Crime Prevention

GS Yuasa Corporation (Tokyo Stock Exchange: 6674; "GS Yuasa") announces that it has launched the LEGA LDT100/200V30N-G LED lamp as an optimal replacement for 80W mercury lamps that are mainly used as crime prevention lamps and street lights.

One of the main characteristics of LEGA LDT100/200V30N-G is that it enables LED replacement by lamp replacement only, while leaving the existing mercury lamp lighting equipment (E26 lamp cap) as is.*¹ In accordance with the Minamata Convention on Mercury, the production, export and import of mercury lamps will be prohibited from 2020, and LEGA LDT100/200V30N-G will make a significant contribution to reducing the costs required for supporting the Minamata Convention on Mercury.

Furthermore, it maintains the same level of brightness as existing 80W mercury lamps while reducing the power consumption by approximately 70%. The rated life is approximately 3.3 times (40,000 hours) that of mercury lamps, so it also contributes to reductions in maintenance and management costs for tasks such as lamp replacement.

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

*1. It is necessary to remove the existing ballast.

[Features]

1. Allows existing mercury lamp equipment to be used as is, which significantly reduces the initial investment for LED adoption
2. While maintains the same level of brightness, reduces power consumption by approximately 70% and has a rated life approximately 3.3 times compared to mercury lamps, so it also an economical product after installation
3. 100V/200V supported as input voltage
4. Diffusive light-emitting surface controls glare*² while achieving a soft light

*2 Glare is light brightness that can cause deterioration in vision, discomfort, and fatigue.

[Characteristics]

Product name	LED Lamp LDT100/200V30N-G	Mercury lamp HF80X
Rated power consumption (W)	30	99
Power company applied input capacity (VA)	30	110
Total luminous flux (lm)	3,500	3,400
Lamp efficiency (lm/W)	116	43
Correlated color temperature (K)	5,300	3,900
Color rendering (RA)	85	40
Rated life (h)	40,000	12,000

[Photograph] LED lamp LEGA LDT100/200V30N-G