

# World's Longest Wide-Span, Low-Positioned Road Lighting for Bridges

## Le plus long système d'éclairage routier à grande portée et à faible hauteur d'installation pour ponts au monde



- World's longest 30-m illuminance coverage**  
(Conventionally 6 to 20 m ⇒ Newly 26 to 30 m)
- Improving visibility with** custom LED lenses and full pro-beam lighting
- Comfortable driving even in poor weather** by optimal illuminance, visual guidance lighting and outer line lighting
- Improving road safety** by eliminating the risk of pole collapse and fixture fall
- 99% cost reduction for maintenance**<sup>(\*1)</sup>

Conventional pole lighting: \_\_\_\_\_ \$190,000/year

Wide-span, low-positioned road lighting: \_\_\_\_\_ \$2,000/year

(Comparison of the cost including the traffic regulations, labor and machine cost for inspection)

- 64% reduction of electricity consumption**<sup>(\*2)</sup>, contributing to carbon neutrality

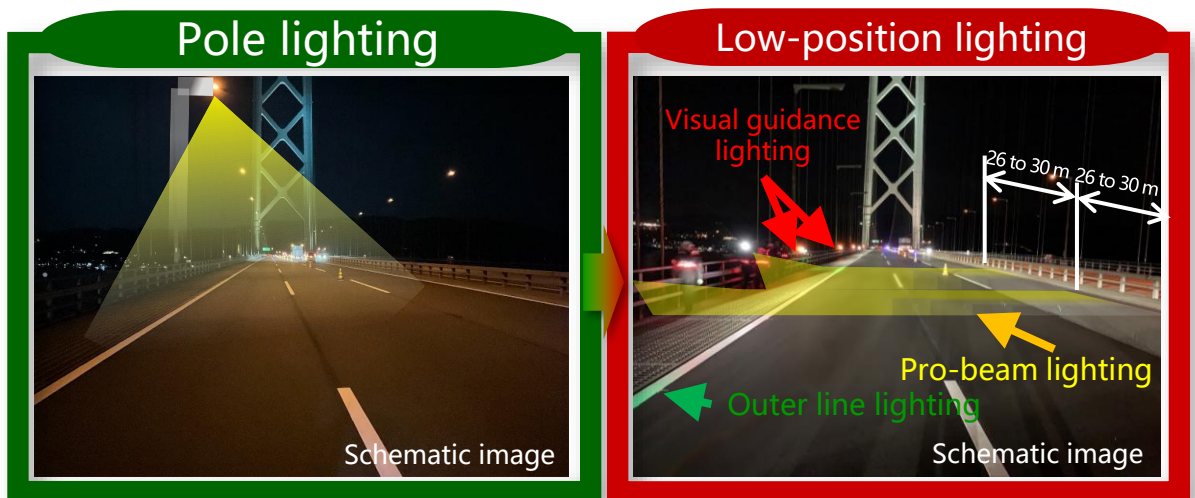
Conventional LED lighting: \_\_\_\_\_ approx. \$70,000/year

Wide-span, low-positioned road lighting: \_\_\_\_\_ approx. \$25,000/year

(Comparison of pro-beam lighting, The Chugoku Electric Power Co., Inc., kouatsu TOUA)

(\*1) Maintenance cost includes traffic regulation, aerial work platform and labor cost, and excludes electricity consumption.

(\*2) 64% reduction of electricity consumption was realized with custom LED lenses.



(Patent pending)



Wide-span, low-positioned road lighting for bridges installed on railings

Jointly developed by Honshu-Shikoku Bridge Expressway Co., Ltd., Honshi-Expressway Bridge Engineering Co., Ltd. and IWASAKI ELECTRIC CO., LTD.

