High-intensity, High-efficient Sunshine LED

Feature

Requires only 1/3 of the power consumption of fluorescent lamps, thus greatly reducing the quantity of CO₂ emissions.

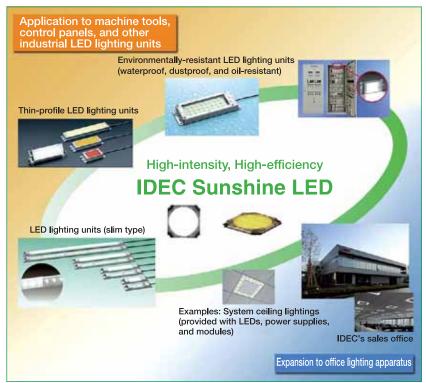
Lasts 40,000 hours, the life of which is five to six times as long as that of fluorescent lamps, thus greatly reducing the number of maintenance steps.

Mercury-free products because no fluorescent lamps are used.

Overview (Technical principles, actions, etc.)

With the integration of IDEC's unique multi-chip mounting technology, lambda converter as internationally patented wavelength conversion technology, and white LED production technology, the IDEC Sunshine Series as a high-intensity white LED in the world's top class was developed in the shape of an ultrathin-profile device that ensures a wide range of applications. This LED attains a luminous efficiency of 70 lm/W or over with a color temperature of 6000K±1000K.

- ①Application to machine tools, control panels, and other industrial LED illumination units.
- ②Application to office illumination apparatus (with modules provided). The LED illumination of IDEC's entire sales office demonstrated the excellent performance of the Sunshine Series.



Application Expansion of IDEC Sunshine LED

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