

Replacing the lighting apparatus in freezers with LED lighting system to reduce the power consumption to 1/4.

Special LED Lighting System for Refrigerator Freezers

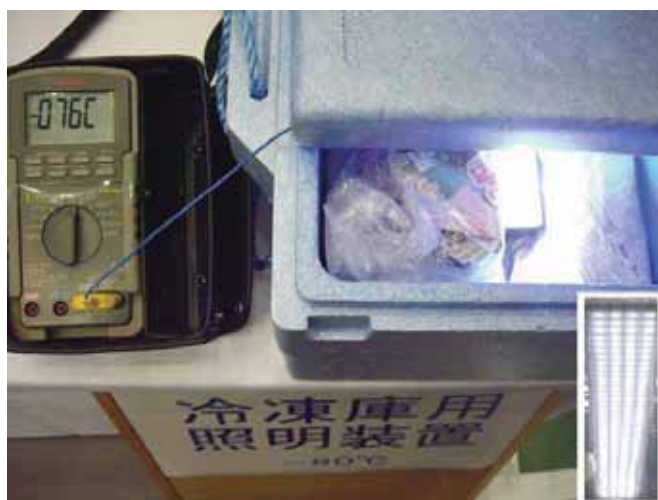
Features

- Conventional lighting apparatus for freezers is complex, and high-intensity lighting cannot be expected.
- The special LED lighting system satisfies energy-saving requirements, and is several times as bright as conventional apparatus.
- A high-performance compact LED lighting system suitable to ultralow-temperature environments.

Overview

(Technical principles, actions, etc.)

Electrical discharge tubes do not discharge when they are used in freezers or other environments at -50°C . Electrical lamps using coil filaments have an adverse influence on the interior workability of freezers due to the poor light distribution characteristics of the bulbs. Furthermore, lighting apparatus for ultralow-temperature warehouses is of complicated construction and expensive. Therefore, Minodenshi developed the special LED lighting system that maintains a stable lighting function in environments at -30°C to -70°C .



Lighting in Freezer

Effects

- Conventional high-intensity lighting apparatus used for environments at -30°C to -70°C is of complicated construction. Minodenshi's special LED lighting system for refrigerator freezers employs its proprietary technology. Therefore, the system is brighter, saves more energy, has a longer life than conventional high-intensity lighting apparatus, and is almost maintenance-free. The system is available in a wide size range.

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