



LED Lighting SA

LED Fridge Lighting

The LED shelf lights illuminate products in areas where the shelf above creates a shadow on the shelf below. Should the front products be removed from the shelf, the next product could lie in this shadow. The idea of the LED shelf lights is to fill in this shadow by matching the intensity and colour created by the hood fluorescent tubes

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Key Product Features

Light Efficient Design

- ▶ Since LEDs do not emit infrared or UV light, there is no risk of accelerated spoilage of the products.
- ▶ Light sources can be positioned a great deal closer to the shelves.
- ▶ Hidden light source provides better access to products for stockers and consumers.
- ▶ Improved product visibility with reduced light-source glare on products.
- ▶ Up to 78 percent energy savings compared with VHO fluorescent lamps.
- ▶ LED Display Lighting solution also saves watts by lessening the load on the compressor. For every light watt reduced in a frozen food case, the compressor works less hard,
- ▶ Unlike, fluorescents, LED fridge lighting turns on after only a few hundredths of a second: due to their instant start capability.
- ▶ Fluorescents don't operate as effectively under cool temperatures. LEDs can operate at an even higher lumen output in cool temperatures.
- ▶ Long life of the LEDs – up to 50,000 hours for white light together with their rather low maintenance requirement makes this solution particularly economical.
- ▶ When illuminated for ten hours a day over six days a week, the average life of a white LED is 16 years.
- ▶ More robust and better for the environment than fluorescent lamps because it doesn't contain glass or mercury.
- ▶ Fitted with robust, low-voltage, long-life LED light power supplies