

LONG LIFE AND HIGH EFFICIENCY

Energy-efficient lighting that improves aesthetics and function.

LED Lighting

The light emitting diode (LED) is one of the most energy-efficient and rapidly-developing lighting technologies. Quality LED light bulbs last longer, are more durable, and offer better light quality than other types of lighting.



The LED produces white, full spectrum light which most closely resembles day-light. LED lighting offers the highest savings in operating expense (of any lighting option) and provides an excellent Return of Capital (ROC) for retrofitting or new construction.

LED BENEFITS



Reduce Energy

LEDs use significantly less energy than standard bulbs. Industrial users can reduce electrical costs up to 80 percent by upgrading their lighting systems and return on initial investment can be achieved in as little as six months.

Reduce Waste

LED lights are eco-friendly. They contain no mercury or toxic materials, and are 100% recyclable. They also produce little infrared light and UV emissions.

Reduce Maintenance

LED bulbs have an operational lifetime expectation of up to 11 years with continuous use. LED lights are not made of glass and are hollow inside. They are more durable than traditional bulbs and can withstand harsh outdoor conditions. Because they last longer than other bulbs, LEDs eliminate the need to buy and store large supplies of light bulbs.

Improve Quality

LEDs render beautiful, vibrant tones across the full color spectrum. They emit a narrow beam of light focusing the light on the required location, unlike conventional bulbs that emit uneven light patterns. An LED light improves the overall clarity in a given space by minimizing the glare and shadow. They also brighten up instantly when powered on unlike fluorescent lights that take several minutes to provide optimum illumination.

Improve Safety

LED lights can help reduce common workplace hazards. Poor lighting not only has a negative impact on employee productivity, it can pose serious workplace hazards. LEDs eliminate the need to change light bulbs frequently which almost always require the use of ladders. Falls were the #1 most-cited OSHA violation in fiscal year 2016. And unlike fluorescent and incandescent bulbs, LED lights don't transmit heat. Even after hours of use, you can touch them with less risk of an accidental burn.

Improve Productivity

LEDs have a positive impact on employee comfort and productivity. They reduce absenteeism and increase employee interaction and group work. By reducing glare, headaches, and eyestrain, LEDs increase employee satisfaction and improve employee health.

Horizon Solutions helps improve our customers efficiency, productivity and safety through expertise in Electrical, Automation, Industrial, Energy, and Safety products and services. We seek to understand your needs and apply solutions that solve your most demanding challenges.

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