



A typical warehouse would need to lease an additional \$7000 space annually to equal the money saved by switching LED lighting.\*

Not only can warehouse facilities save energy by using more energy efficient equipment, but there are additional positive effects on the overall revenue and environment of the facility. By simply upgrading to LED lights and compressed air systems the following benefits can occur:

- Worker and customer comfort, safety and satisfaction
- Quality of energy efficient products decrease maintenance cost
- Increased worker productivity
- Decreased equipment failure
- Decreased inventory stocking cost

\* Based on DNV GL study

**“Beyond the energy savings, LED parking lot lights improve safety, enhanced light qualities and significantly reduce labor costs associated with replacing burned out lamps.”**

*- Steven Leuty, Property Coordinator, Bronson Facility Planning and Development*

Consumers Energy offers rebates, technical services and more to help warehouse facilities like yours become more energy efficient. Our team is here to walk you through the program requirements and available resources.

### Contact us

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## Warehouse

*Hidden Benefits from Energy Efficiency*

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# The Impacts of Energy Efficiency in Warehouse

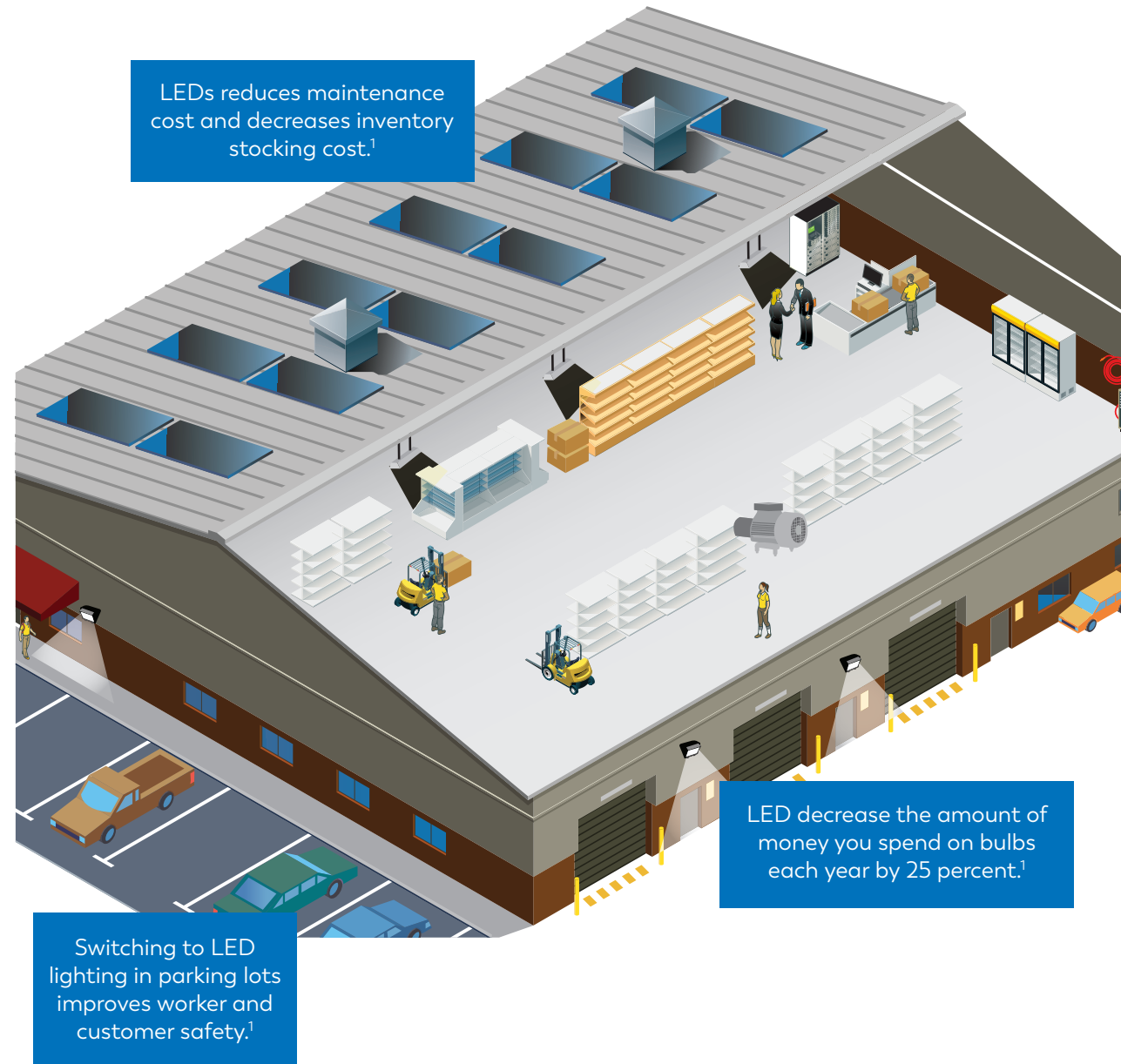
The following non-energy improvements can result from upgrading to energy efficient equipment:

## O&M Costs Savings

For warehouses, having available space to store customer merchandise is essential. Every time warehouses needed maintenance; they had to clear space and that cost up to 60 percent higher for maintenance. By installing energy efficient products, they have fewer equipment malfunctions and spend staff have less time restocking and reorganizing shelves. LEDs have a longer life, so warehouses no longer need to purchase as many lighting supplies, reducing costs on bulbs by 25 percent.

## Increased Safety

Employee safety in the warehouse industry is essential and installing energy efficient products can reduce the risk of accidents. LEDs improve employee visibility, minimizing the risk of slips and falls. Poorly lit parking lots can be dangerous for workers. LEDs provide an increase in safety, particularly in parking lots and can also contribute to decreased theft in parking lots.



O & M Cost Savings					
Equipment	Energy Savings	Non-Energy Savings	Total Savings	Energy Payback	Non - Energy Payback
Lighting	\$7,158	\$42,072	\$49,230	2.22 yrs.	0.32 yrs.

1. 2014 PowerPoint presentation, Non-Energy Impact Marketing Analysis by Industry, Special Cross Sector Research Area [PPT]. (2014). DNV GL.