



# Endless possibilities

LED lighting for cold storage



**PHILIPS**



## You see perfect light through our LED brilliance. You feel the benefit of reduced lighting costs.

Introducing Philips LED lighting to your cold storage facilities is to introduce cost and energy savings through lighting that performs at the highest level.

Unlike most other forms of traditional lighting which under perform and deteriorate in lower temperatures, LEDs perform at their very best in cold conditions. Providing the best possible illumination means fewer LED light fittings are required to do the same job as traditional lighting and, as LEDs are up to 60% more energy efficient, even less power is required. This reinforces further LED's position as the ideal cold storage solution.

As the world's most advanced lighting innovator, Philips has always achieved its greatest results when operating in the most demanding arenas.

And four generations of working with light have taught us that there are few tougher places to illuminate properly than cold storage areas. Understanding this has been crucial in making Philips' cutting edge LED range the very best.

**LED lighting can cut lighting energy costs by up to 60%.**

LED lighting uses up to 60% less energy than ordinary lighting, meaning significant long-term cost savings and a lower carbon footprint. LEDs also have an extended life expectancy – up to five times longer than conventional lighting – resulting in substantial reductions in maintenance costs and downtime. This is particularly significant in facilities where staff and equipment need to perform with minimal interruption, 24/7.

Achieving this level of performance was a crucial factor in establishing the Philips LED range as the most cutting edge in the business.

So LEDs not only illuminate temperature sensitive facilities perfectly, they can enhance business performance and sustainability too.

And, now that every conceivable LED requirement is available from Philips' range, the possibilities are truly endless.

LED's real benefits include:

- Reduced number of light points required

- Optimised light quality in working areas
- Reduced energy usage of as much as 60%
- Stronger resistance to cold temperatures compared to fluorescent technology
- Reduced carbon footprint.

Furthermore, by implementing Philips LED lighting controls such as presence detection sensors, you can ensure that lighting is provided only where and when required in your cold storage facility. This cuts energy usage and associated costs, as well as lowering your carbon footprint – all of which benefits your bottom line.

The unrelenting drive towards exclusively LED lighting means that most of the world's cold storage businesses are expected to be using LED by the year 2020 – why not make the switch and start saving now?

[Explore the possibilities today.](#)





## Winning the age old battle between cold and light.

### A cool revolution in cold storage with Philips LED.

Imagine the dilemma for a fish wholesaler attempting to illuminate their facilities efficiently, despite such cold environments being known to damage the performance of traditional lighting units.

This struggle between light and cold is an on-going issue in the cold storage industry and costs businesses millions of pounds each year.

Since fluorescent lighting struggles to reach maximum performance in cold conditions, businesses have had no choice but to pay for a greater number of luminaires in order to satisfy their lighting needs. Until now, that is.

With the introduction of Philips' cutting edge new LED lighting technology, the problem has finally been solved.

Philips LED lighting thrives in the coldest conditions, performing even better than at ambient temperatures. Lighting quality is no longer compromised, it is enhanced.

Adopting LEDs within this specialised area can reduce operational costs dramatically through lower installation and maintenance costs. Not only are fewer lighting units required, but they benefit from a longer lifetime than fluorescent units, which deteriorate more quickly in cold conditions.

Add to this the fact that LED uses only a fraction of the energy required by fluorescent lighting and the benefits to a company's carbon footprint – as well as to its bottom line – really start to stack up.

Naturally the effect on any company's carbon footprint is nothing short of dramatic and is a major enhancement to any organisation's green credentials.

Combined, these factors mean the use of LED can become the basis for a cool revolution in the cold storage business.

To learn how you can illuminate your business through the endless possibilities of Philips LED contact us via [www.philips.com/ledsinindustry](http://www.philips.com/ledsinindustry)



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