



# Endless possibilities

LED lighting for pharmaceutical production



**PHILIPS**



## You see a certified solution through our LED brilliance. You feel the benefit of reduced operational costs.

Achieving optimum light conditions has long been a goal for the pharmaceutical industry and, as the world's most advanced lighting innovators, Philips has often been called on to help make this goal a reality.

With our latest range of LED lighting, we've taken yet another giant leap towards this objective.

We fully understand the strict controls that affect product integrity, hygiene, safety and security within the pharmaceutical industry – and we've used this understanding in the design of our latest cutting edge LED range.

That's why many Philips LEDs are sealed specifically to operate within controlled clean room environments, removing the risk of contamination from lighting units and resulting in minimal disruption on laboratory and production work during certification inspections.

**Philips LED can lower your lighting energy use by up to 60%.**

Indeed, LEDs use as little as one fifth of the energy of ordinary lighting, reducing your carbon footprint considerably and contributing significantly to your sustainability programme.

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

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

LED's real benefits include:

- Sealed lighting units, compliant with clean room environment standards
- Minimal maintenance requirements, meaning minimal disruption to production
- Reduced energy consumption and lifecycle costs
- Optimised light quality in working areas
- Reduced carbon footprint, enhancing your sustainability credentials.

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

The unremitting drive towards exclusively LED lighting means that by the year 2020 most of the world's pharmaceutical businesses will be using exclusively LED lighting – why not make the switch and start saving now?

[Explore the possibilities today.](#)





## The antidote to wasted energy.

**Philips LED Lighting delivers a perfect hygienic solution for contamination concerns in clean room environments.**

Imagine the dilemma for a pharmaceutical company trying to maximise productivity, while being required by law to pause operations regularly in order to undergo clean room certification inspections. Such inspections require the examination of all facility equipment – including lighting units – to ensure they carry no risk of contamination within clean room environments. While it's vital for health and safety, it plays havoc with continuity and production.

Now, Philips LED Lighting has the solution – thanks to special seals which remove the risk of contamination. The net results include shorter certification inspections and reduced disruption, giving both inspectors and facility operators one thing less to worry about.

But it's not just inspections that can have an impact upon a company's productivity – the maintenance of lighting units can also require hours of downtime in pharmaceutical facilities. So the fact that LEDs last up to five times longer than some traditional lighting (and therefore require only minimal maintenance) represents another very welcome benefit.

Add to this the opportunity to make significant operational savings through the energy efficiency of LED technology, and it becomes clear that Philips LED has the potential to perform wonders in the pharmaceutical industry for many years to come.

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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