

# Light for the pharmaceutical industry

## Designed for the highest hygiene and quality criteria

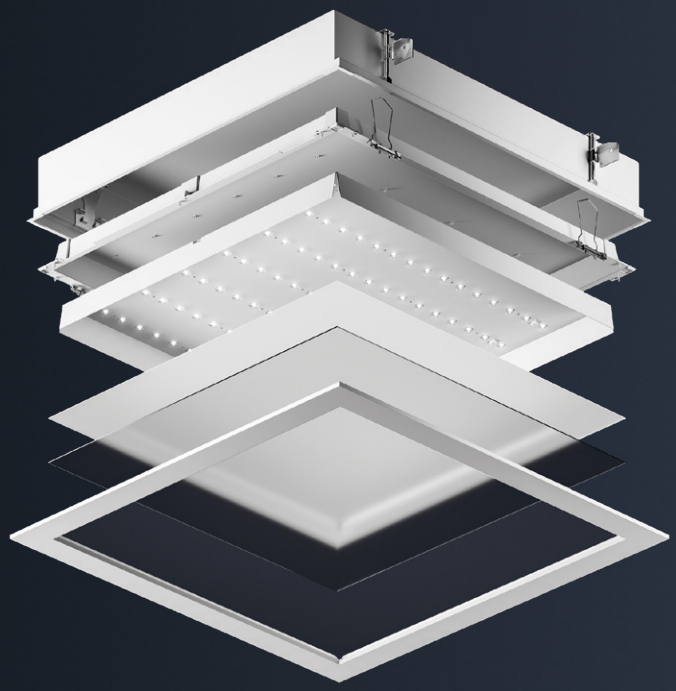
The development and production of pharmaceuticals requires the highest precision – also from the lighting. What is required are cleanroom-compatible, low-maintenance and easy-to-clean luminaires with first-class light quality for safe testing and inspection processes. TRILUX solutions for the pharmaceutical industry fulfil all relevant GMP standards and impress with the highest quality, efficiency, robustness and smartness.

Find out more:
trilux.com/pharma

FIDESCA G5

# One platform. Any Space.

Fidesca G5 has been specially developed for use in GMP-regulated areas and combines high hygiene requirements with long-lasting, standard-compliant lighting.



- **GMP Compliance:** Developed for hygienic, easy-to-clean and low-contamination environments.
- **Integration:** Suitable for typical ceiling systems and designed for reliable long-term operation.
- **Safety:** High-quality laminated safety glass (LSG) minimizes the risk of breakage.
- **Lighting:** Standard-compliant illuminance levels (500– 750 lx) and various light distributions for different visual tasks. Yellow light types for pharmaceutical applications
- **Platform:** High-quality solution for safe planning and reliable operation in GMP environments.
- **Design:** Fidesca convinces with a clear and functional design, easy to install and clean
- **Sustainability:** Market-leading efficiency up to 172 lm/W, exchangeable components and future-proof updates
- **Light management:** Smart lighting for high-tech environments, Seamless integration into automation systems and optimized for HCL usage

## Example of an efficiency calculation

| | Old installation | New LED installation | New LED + LM** installation |
|---|---|---|---|
| **Luminaire** | Prismatic diffuser luminaire IP54 T8 4x18 W LLCG | Fid G5 C M84 AG DW19 50-940 DD | Fid G5 C M84 AG DW19 50-940 DD + LiveLink Room Kit Standard |
| **System power per luminaire** | 84 W | 34 W | 34 W |
| **Number of luminaires in the object** | 70 pcs | 70 pcs | 70 pcs |
| **Total system power** | 5,880 W | 2,380 W | 2,380 W |
| **Energy consumption p.a.** | 23,520 kWh | 9,520 kWh | 5,712 kWh |
| **Energy costs Ø p.a.*** | £ 3,999 | £ 1,618 | £ 971 |
| **Savings potential** | | 60 % | 76 % |
| **Energy savings p.a.** | | 14,000 kWh | 17,951 kWh |
| **Energy cost savings Ø p.a.*** | | £ 2,380 | £ 3,027 |
| **$CO_2$ savings p.a.** | | 3.12 to | 4.00 to |

* The calculation is based on an average energy price of £0.17 per kWh in 2026. An annual operating time of 4,000 hours is assumed.
** Additional energy savings of up to 40% via light management (daylight-dependent constant light control).

Find out more: trilux.com/fidesca

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