

## Bring New Light to Your Experiment

Make your breakthroughs feel closer than ever with the LightOx PhotoReact 365!

The LightOx PhotoReact 365 is a benchtop instrument that provides even, directed and reproducible UV illumination at 365nm suitable for photochemical and photobiological reactions. The touch screen interface allows the user to control light intensity, energy delivery rate, and time. LED health over time is monitored using an in-built UV sensor enabling the user to produce rapid, reproducible results. This instrument is suitable for high-throughput screening in multiwell plates, providing researchers with a tool to screen high numbers of compounds and reactions essential for drug discovery.

### Features Include:

- Designed for the acceleration of photochemical and photobiological reactions
- For use with a standard size culture multi-well plate (85.5 mm x 128 mm) or single 95 mm round dish
- User selected light output from 0 mW/cm<sup>2</sup> to maximum (approx. 13.0 mW/cm<sup>2</sup>)
- Variance less than 1mW/cm<sup>2</sup> (at 100% power) across the well plate surface
- User control of total power output
- Light intensity and temperature monitors included that records measurements every second during operation
- Data export as .csv files
- Device has locking lid that reduces user exposure to harmful light rays.

Find these photoredox catalysis products as well as technology spotlights and application notes on [SigmaAldrich.com/photocatalysis](https://SigmaAldrich.com/photocatalysis).

Product Name	Product Number
LightOx PhotoReact 365	Z744061

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