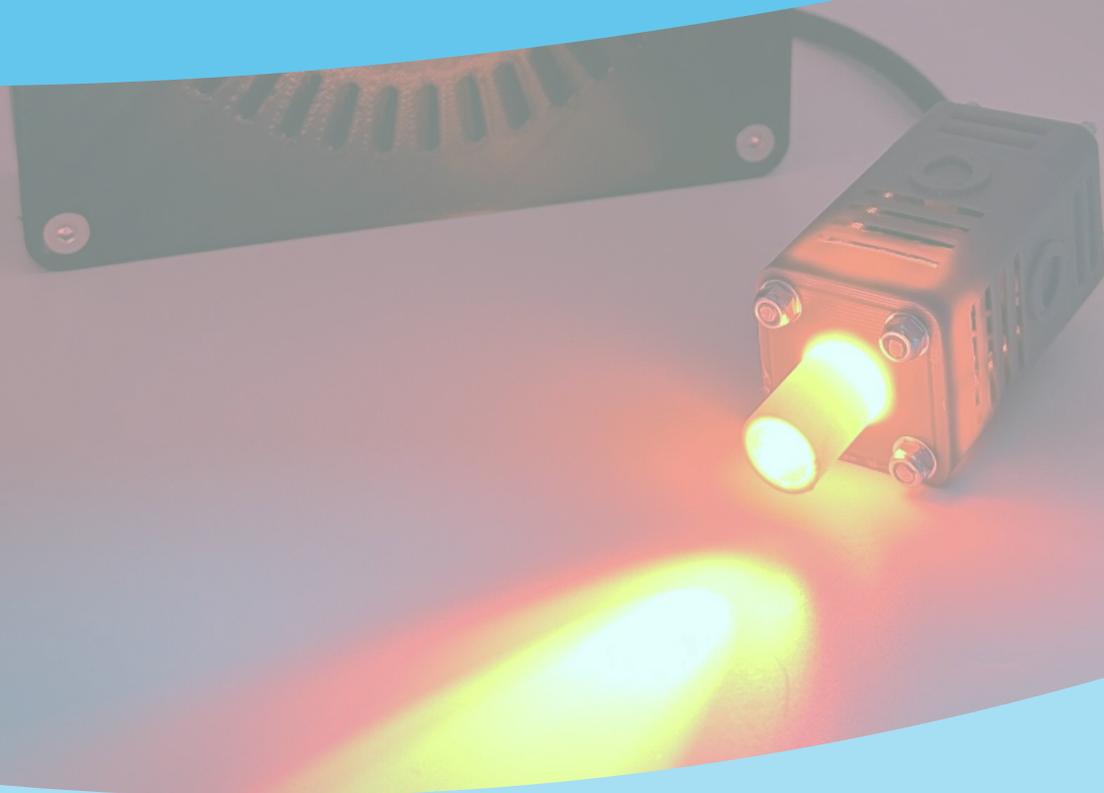


LED PHOTOREACTORS

Pointer



External illumination



LED technology



On / off

The equipment

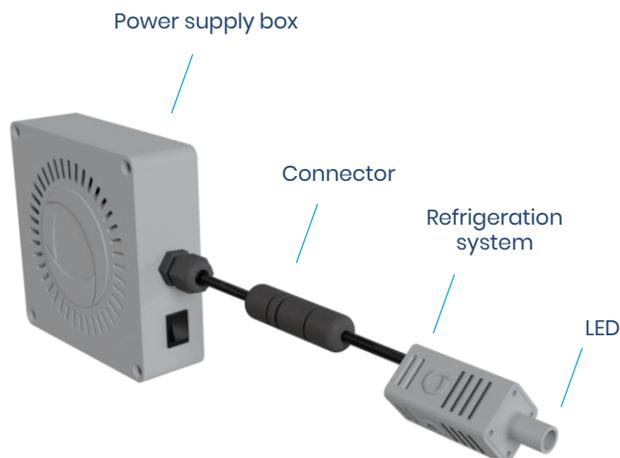
Apria Systems has designed a series of flexible tabletop lamps with **LED technology**, designed to meet the requirements of our clients. Our equipment can be tailored to each application thanks to a wide selection of LED wavelengths and customizable features.

Combining simplicity and a compact design, the external operation of the pointer makes it ideal for **applications with limited space or for illumination from different angles**.

The **radiation intensity can be regulated** by adjusting the distance of the lamp to the reaction media, offering an adjustment to the needs of the treatment.



Elements of the system



Operation

1. Set the pointer focused the sample
2. Turn-on the light
3. Perform the photochemical treatment

Extremely easy

We offer a wide range of alternatives to adjust our equipment to your needs

Characteristics

Number of LEDs	1
Configuration	Single wavelength
Irradiated area	∅: 0.9 cm
Adjustable radiation intensity	Yes, through distance
Refrigeration system for the LED	Heat sink
Refrigeration system for the LED	Heat sink

Source of light

Type of light	Wavelength (nm)	Peak (nm)	Radiant flux / LED
UV-C	263 – 268	265	100 mW
	268 – 280	275	
UV-B	295 – 305	300	32 mW
UV-A	365 – 370	365	1,200 mW
Violet	400 – 410	405	1,260 mW
White	400 – 700	450	315 lm
Blue	453 – 460	457	1,350 mW
Green	520 – 530	523	450 mW
Yellow	587 – 598	590	470 lm
Red	618 – 630	623	935 mW
NIR	835 – 875	850	930 mW
FIR	920 – 960	940	1,350 mW

