

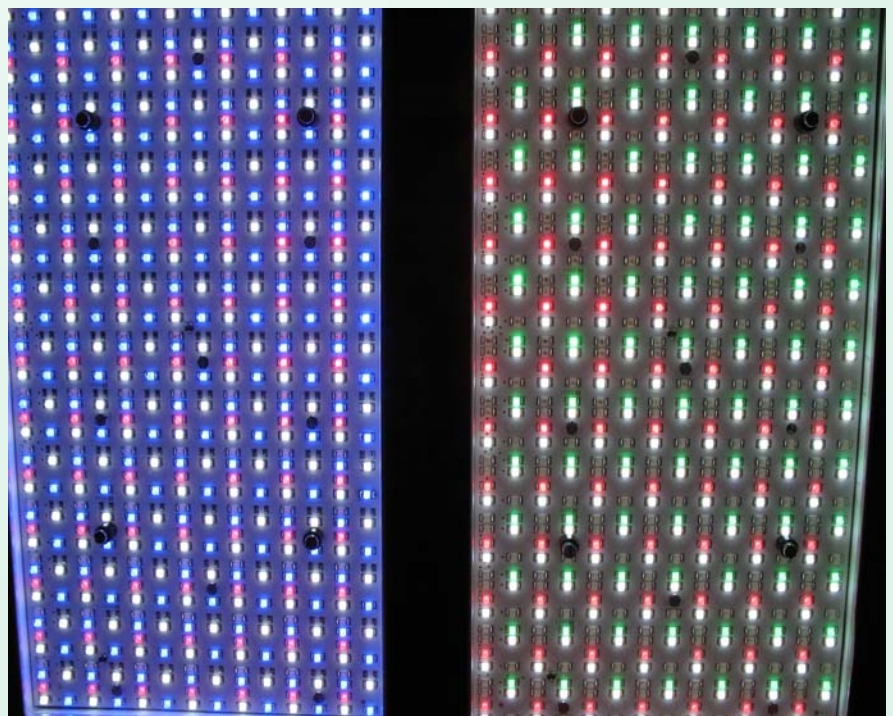
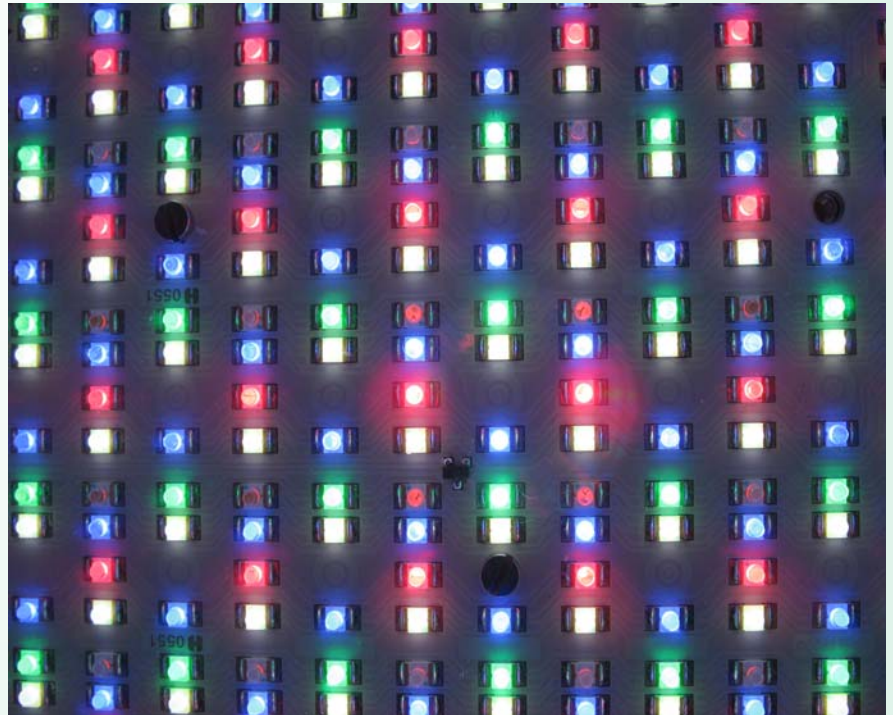


*flora*LED^s

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The FLM-002 LED modules are equipped with *blue, green, red, far red, and white narrow-spectrum floraLED^s*.

In total, there are *700 LEDs* on each module.





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The *pre-selected, high-intensity cool white* *flora*LED^s support plant growth very effectively, because a high percentage of the emitted energy can be used by plant photosystems.



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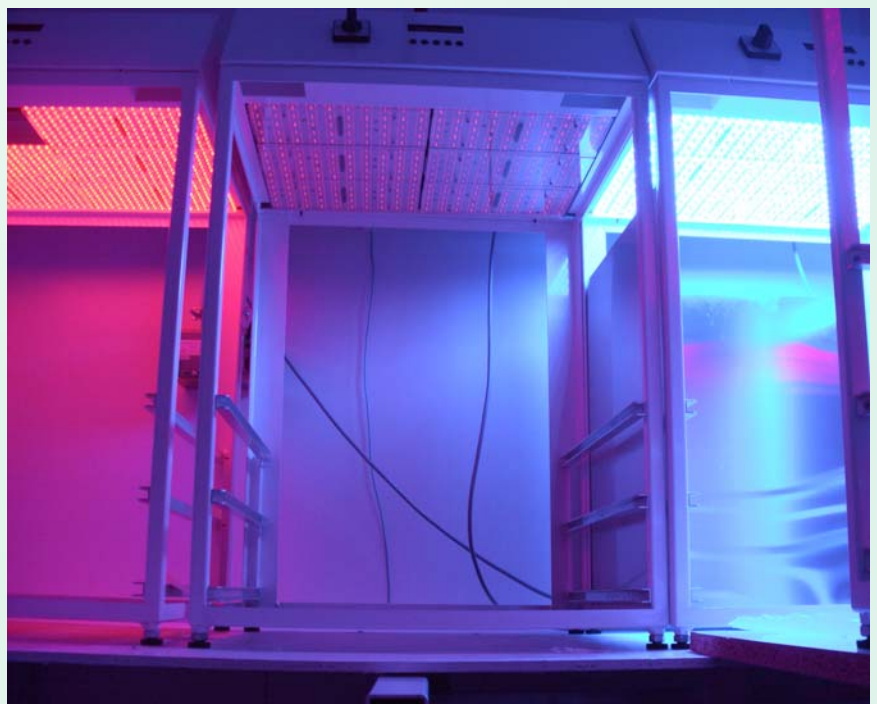
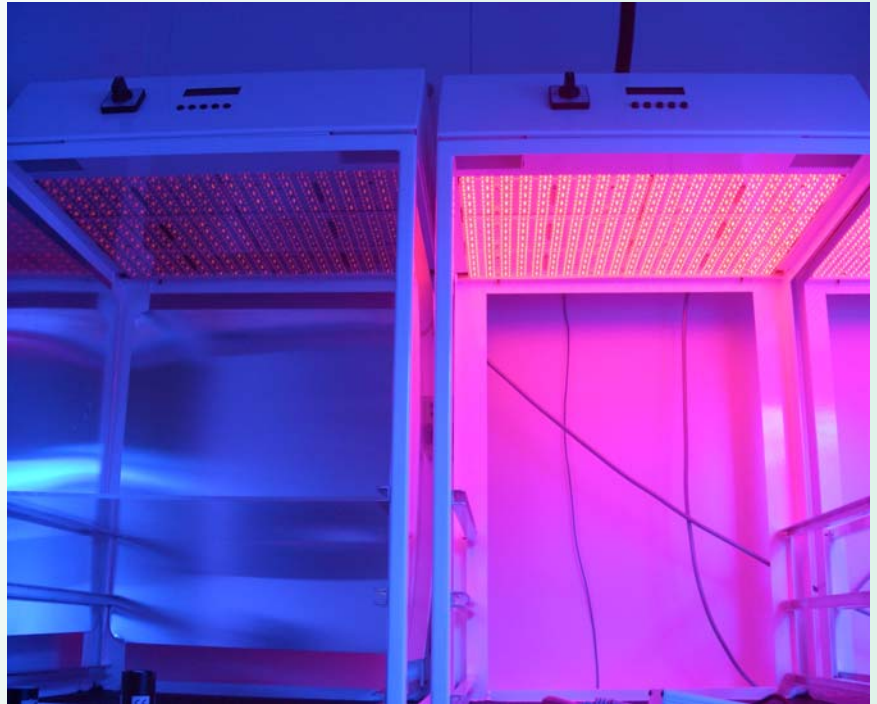
The *narrow-band spectra* of the *flora*LED^s can be used to induce isolated effects which are based on phytochrome or other photo-receptors at highest precision.



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Example of
CLF Lamp banks
with red, far red,
blue and white
floraLED^s. Each
colour can be
controlled
individually by the
CLF
ControlMaster.





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The *floraLED^s* lamp bank with up to 6 *floraLED^s* modules can be *integrated in every Percival Plant Growth chamber.*



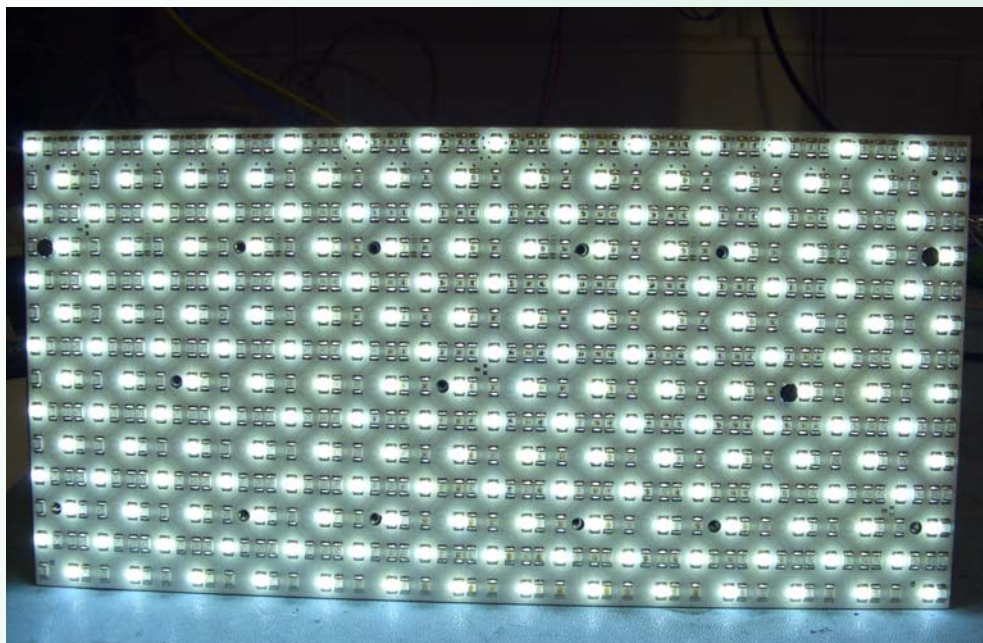


Mobile *vertical and horizontal* **floraLED^s** *modules* for the analysis of specific phytochrome effects. Each module can be programmed separately.



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The **floraLED^s Starter Kits** can be used in every plant growth chamber or laboratory.

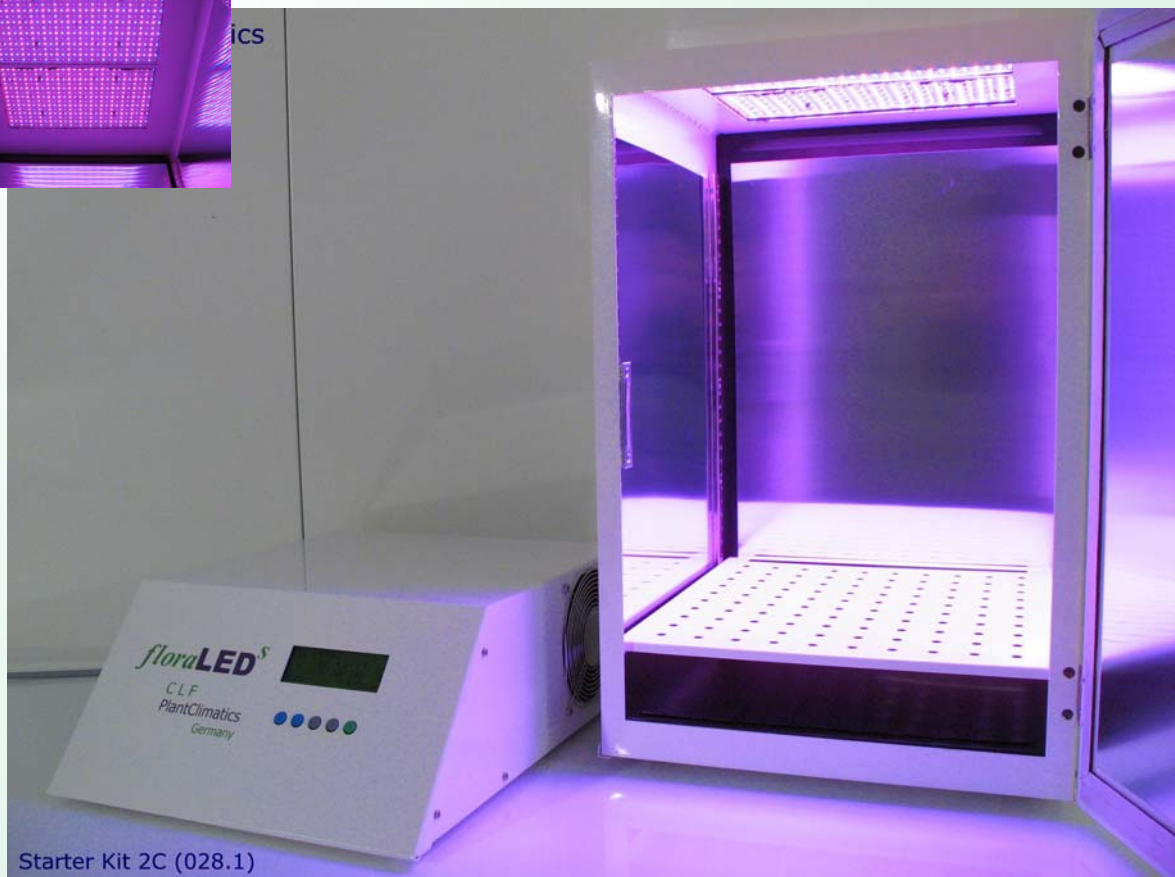
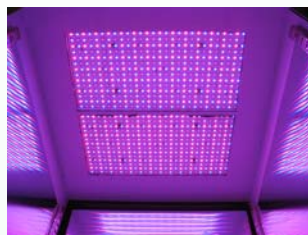




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floraLED^s StarterKit 2C



Starter Kit 2C (028.1)

The **StarterKit 2C** comprises two **floraLED^s modules** and the **CM Controller** for diurnal, elapsed time or circadian programs. The LED cabinet is light tight and can be integrated in almost every climate room or plant growth chamber.



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floraLED^s StarterKit 2C



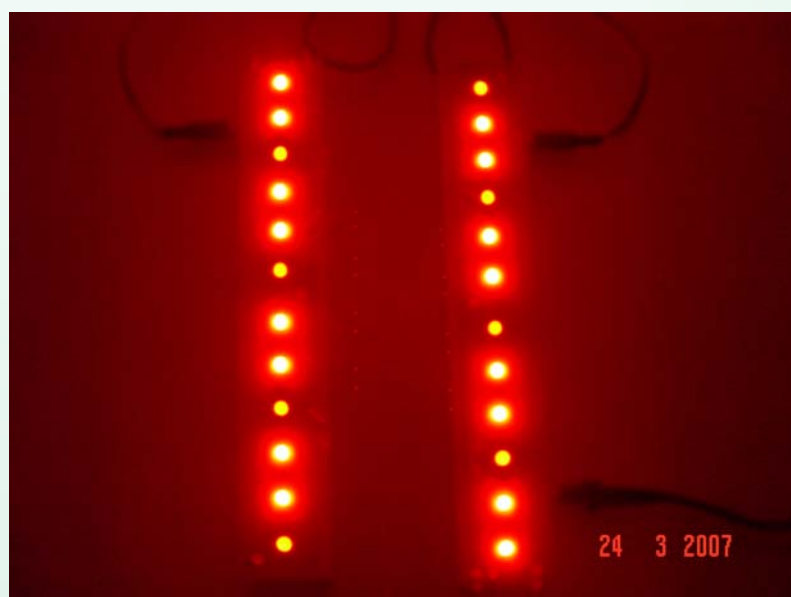
floraLED^s modules can be installed as mobile units on a **rail system** inside of plant growth chambers. The flexible system is an ideal tool for the analysis of phototropism and photoreceptor-induced effects.



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The electronic CLF GroLEDs Module



CLF GroLED can be easily integrated in all Percival Arabidopsis chambers. They supplement the spectrum of fluorescent lamps with **red and far red** light, providing optimal growing conditions.