

# Illuminate your cultures

The new *Phycomat* LED unit



**The *Phycomat LED unit*** provides light to your *Phycomat* cultures independent from your standard culture facilities. The LED units can be used to establish well-controlled and tailored-to-experiment light regimes at minimal space requirements.



A microchip-based controller regulates light intensity and light-dark cycle. Irradiation intensity is continuously variable from  $0.15$  to  $15 \mu\text{Mol m}^{-2} \text{s}^{-1}$ . The system is programmed with a PC computer via a docking station.

An integrated circuit board displays 96 SMD-LEDs in standard 96-well format, each LED fixed in central orientation above the corresponding filter plate well of the *Phycomat*.

The stackable design made of white Delrin® plastic allows a space-saving storage of several *Phycomat* units.

