

# IviSUN



## 1,000 W/m<sup>2</sup> Programmable Lightsource

- LED light source
- 1 Sun equivalent
- Light box can be positioned freely
- Stand-alone
- Potentiostat controlled operation
- Light modulation:  
10  $\mu$ Hz – 250kHz

### Solar cell research: IMVS/IMPS/E-I curve Solar cell report

- Operation:
  - Stand-alone, by manually setting a fixed light intensity
  - Remote, by connecting to an Ivium potentiostat
  - Integrated in IviumSoft control software
- Light intensity modulation via potentiostat FRA
- Light box can be positioned freely

#### Light box:

- LED array: 361 x 7 lm LEDs, white 5000K
- Light color: White, other colors on request
- Light area: 15 x 15 cm<sup>2</sup>
- Luminous efficacy (sun): 93 lumens per Watt of radiant flux
- Bandwidth: 10  $\mu$ Hz – 250 kHz



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