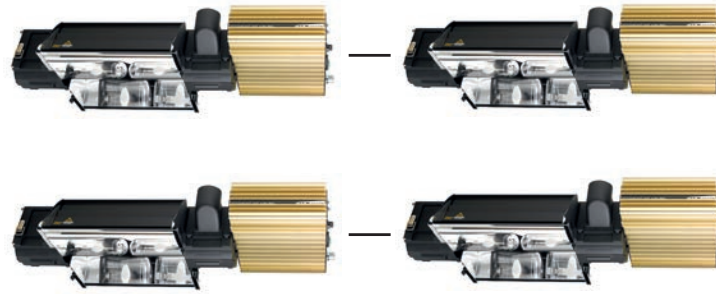


FAN / AUX BOX

The Fan / Aux Box has 3 outputs so that a humidifier, dehumidifier, and air extractors can be connected.



DATA LOG USB DRIVE



x 80 DimLux

x 80 DimLux



PLANT TEMPERATURE CAMERA

The DimLux plant temperature camera can be connected to the system to monitor the temperature of the plant: an excessive temperature of the leaf is indicative of problems with the evaporation capacity of the plants (for example: due to low water, poor balance between temperature and humidity, high EC, high CO₂ and high light radiation). If the temperature of the leaf rises to an excessive level, DimLux ballasts will dim or turn off until the plant temperature drops to an acceptable level.

CO₂ SENSOR

The CO₂ sensor controls the CO₂ generator and the CO₂ pressure reducing valve for CO₂ bottles.



CO₂ Generator



CO₂ Pressure Reducing Valve

HUMIDITY SENSOR

The humidity sensor (RH) of DimLux shows the humidity in the DimLux Maxi Controller. If the RH sensor is connected, a humidifier can also be connected to the DimLux Maxi Controller. An additional plant temperature sensor is required to calculate the Vapor Pressure Deficit (VPD).

TEMPERATURE SENSOR

The DimLux Maxi Controller can dim the lamps according to the temperature of the room. If the set temperature value is exceeded, the DimLux Maxi Controller will dim the lamps. If the temperature keeps rising despite darkening, 50% of the lights will switch off. If the temperature continues to rise, all the lights will turn off temporarily.



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