

## Dimlux - Humidity sensor

The Maxi Controller can adjust the output according to the ambient temperature: the lamps are dimmed automatically when the temperature exceeds a maximum pre-defined level. All DimLux ballasts are controlled by 1 Maxi Controller, so all DimLux ballasts dim at the same time, a feature that is particularly convenient with newly-planted crops: the light output can, for example, be increased in 10% increments on successive days. A maximum of 64 DimLux ballasts can be connected to 1 Maxi Controller. An OptiClimate canopy temperature camera can be connected to the system to monitor evaporation from the crop: an excessive canopy temperature is indicative of problems with the plants' evaporation capacity (for example, due too little water or excessive light). If the canopy temperature rises to an excessive level then the DimLux ballasts are dimmed or switched off until the temperature falls to an acceptable level: failure to lower an excessive canopy temperature would result in the plants reducing their evaporation capacity by closing the stomata, which would in turn shut down the assimilation of CO<sub>2</sub> and photosynthesis – and halt growth. A prolonged shutdown will ultimately result in scorched foliage and cause irreparable damage to the plant's 'engine' (the foliage). The canopy temperature is of greater importance to plants than the ambient temperature!



Greenhouse technology is now accessible to smaller horticultural enterprises!

Link: [www.kiwiland.com/growshop/lighting/dimlux-humidity-sensor.html](http://www.kiwiland.com/growshop/lighting/dimlux-humidity-sensor.html)

### Attributes

Category	Lighting
Sub category	Climate control ; Light control
Brand	Dimlux

### Price table

Product label	Product code	Price exc.	Vat	Price inc.
5m cable	GLIG1322	34,01 euro	21.0 %	41,15 euro
10m cable		43,02 euro	21.0 %	52,05 euro