

AgroLED Inline®

LED Lighting for agricultural application

LED (Light Emitting Diode) technology is being applied more and more as LEDs become more powerful. Flowmagic has developed a concept especially for the agricultural sector that is available for testing and production in this sector.

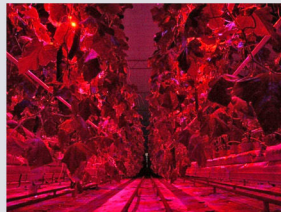
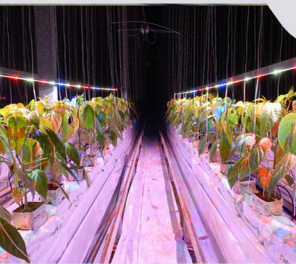


The AgroLED InLine® System is developed for use in greenhouses. Because there is no Infrared heat the AgroLEDs® can be used just above the plants, to increase the PAR-intensity. Various AgroLED® colour combinations are available, for example a mix of Red, White and Blue AgroLEDs®. Dimming of the AgroLEDs® and Spectrum Tuning of the different colours are possible. The energy efficiency of the AgroLED® InLineSystem is optimised. Also a long lifetime of the AgroLEDs® is in the specifications. The AgroLED InLine® System can be delivered with a prismatic diffuser to optimise the mix of the various colours and to improve light distribution.



Advantages of the AgroLED InLine® system:

- ⇓ Low Energy Usage
- ⇓ No infrared heat
- ⇓ Passive Cooling
- ⇓ Dimming and Spectrum Tuning are possible
- ⇓ Lighting just above or between the plants possible
- ⇓ Long livetime
- ⇓ Suitable for greenhouse



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