



LED lighting for agricultural application in Greenhouses

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.

ClusterLED 160[®]

The ClusterLED 160 with 160 high power Agro LED's is developed for use in greenhouses, laboratories and climate chambers. The ClusterLED 160 is controlled by a BUS System so every ClusterLED 160 can run his own program. This means that with the ClusterLED 160 you can make a different spectrum through the different stages of plant growth. The ClusterLED 160 needs active cooling, so the heat it produces can be used again. This in combination with lower energy usage, no Infra Red heat and long lifetime is a big step forward in Agricultural LED Lightning.



Advantages of the ClusterLED 160[®] are:

- ⇨ Lower energy usage
- ⇨ No Infra Red heat
- ⇨ Computer controlled (bus system)
- ⇨ Dim function per Colour
- ⇨ Exact colours/spectrum for photosynthesis
- ⇨ Active Cooling
- ⇨ Long lifetime
- ⇨ Watertight housing



More information:

More information about the Agro LED System[®] can be found on the back page of this folder as well as on our website:

www.Flowmagic.nl