

The logo for iDr. features the lowercase letters 'iDr.' in a bold, black, sans-serif font. A small red dot is positioned above the 'i'.

Expert in Intelligent Technology for Agriculture, Industry and Office



Demeter Strip

Innovation Horticulture LED lighting
Intelligent control for greenhouse and plants factory lighting



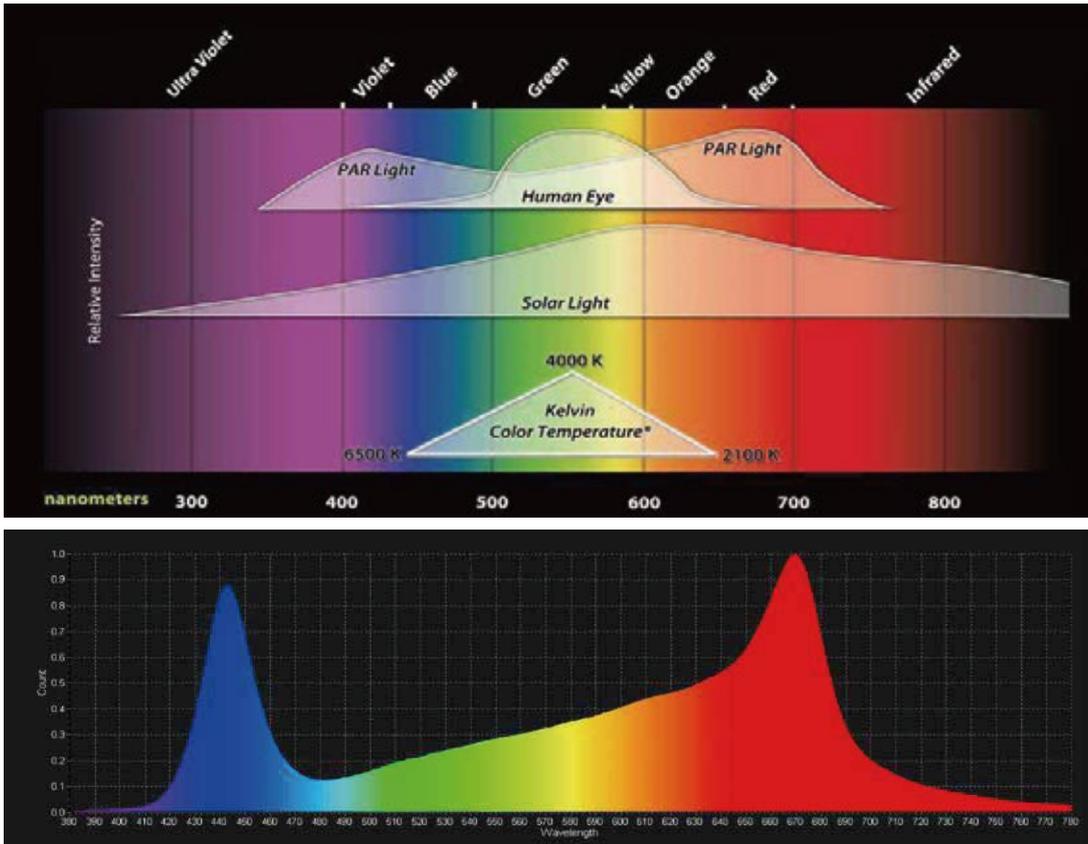


Benefits:

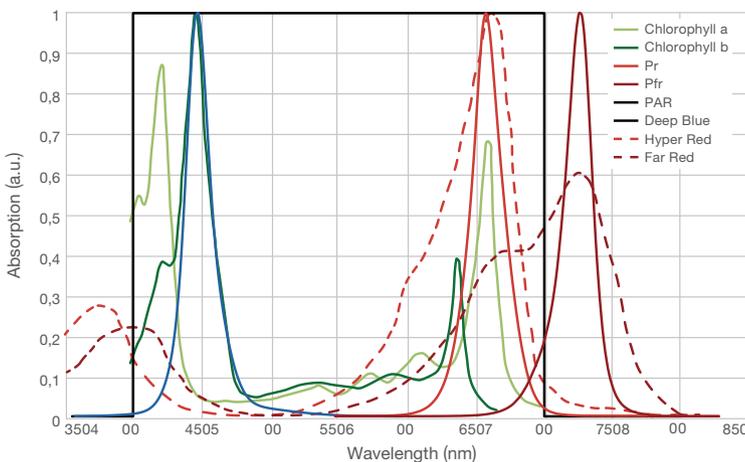
improve the taste and color of vegetables and fruits
Let fruits and vegetables get a huge harvest in a short time a higher harvest
Intelligent control system, you to choose different lights according to different plants at different time

Flexible combination of different colors and easy installation.

Different plants growing need different colors, how different color influence plants growing?



The Most Ideal LED Spectrum



Applications

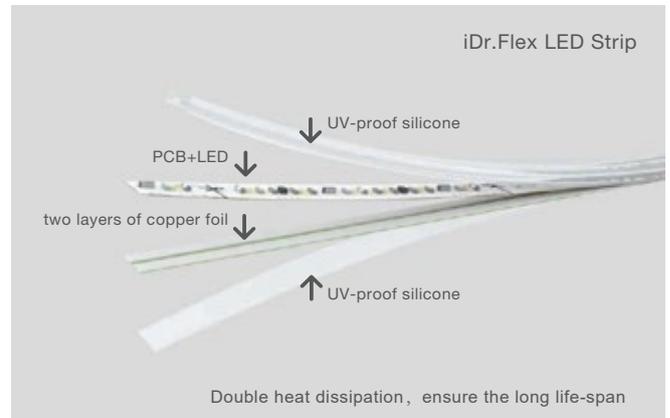
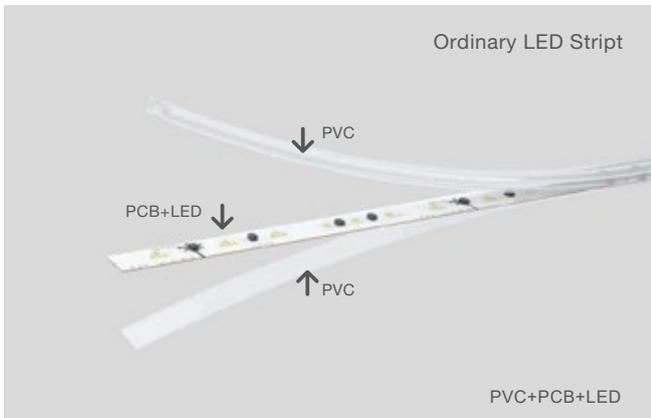
- Top lighting, inter lighting and multilayer cultivation
- Supplemental lighting and cultivation without natural daylight
- Photoperiodic lighting and photo-morphological control
- Urban farming and controlled environment farming
- Algae grow lights and agriculture lighting
- at home

200-380nm UVA/UVB/UVC Included.UVA No Harmful To Plants.But Help The Leaves Grow Fatter
 380-400nm Start Of Visible Light Spectrum,Process Of Chlorophyll Absorption Begins
 400-520nm Violet/Blue/Green,Peak Absorption By Chlorophyll Occur.Promote Vegetative Growth
 520-610nm Green/Yellow/Orange,Absorbed Little By Plants(Green Prevent Plants Grow Somehow)
 610-720nm Red,Large(Photosynthesis)Absorbed By Chlorophyll Occur,Promote Flowering&Budding
 720-1000nm Plants Need A Little,Change Into Heat Which Accelerate The Growth Of Plant Cell
 Remark:The Key Color We Should Focus On Is: Far Red:730nm/ Hyper Red:660nm/Deep Blue:450nm
 Green 525nm.And Also Some Warm White:2700-3000k&6000-6500k(Full Spectru)

It is not an ordinary LED strip light !



- No splice, built-in constant current IC, to make sure 20M lamp light effect consistently



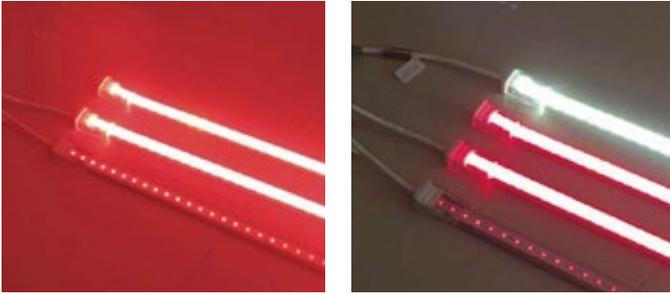
- Two layers of copper foil, double heat dissipation, ensure the long life-span



- UV-proof silicone, IP67, built-in circuit protection, high stability to make sure lamp light effect consistently
- Different light color flexible combination, creative idea of the easiest way of installation

Unique and Humanized Design,Light combination is more free

Flexible combination of each spectrum light . one strip, one spectrum.Free combination according to different plant' s different needs for light at different time.

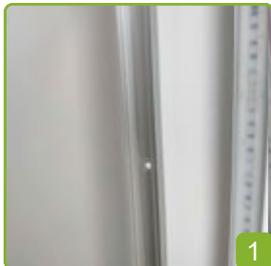


2x Deep Red, 1x Blue/White, 1x Far Red
or, 4x Deep Red, 2x Blue/White
or, 2x Deep Red, 1x Blue/White, 4x Far Red.
**Anyway, you choose just right lights to
your crop's light recipe.**

Easy installation,more Professional and more convenient

Carefully designed the aluminium tube, according to different plant growth environment, fix it, and push in, so easy. No screws needed, no wires of pendent mounting needed, simple accessories for installation, largely cut installation cost.

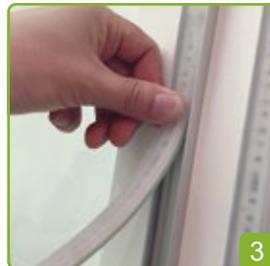
Installation Steps



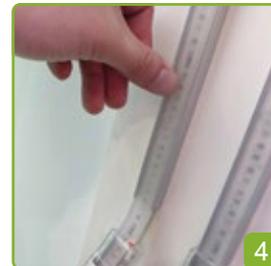
Pc and Aluminum



Fixed



Installation light Strip



Carry out

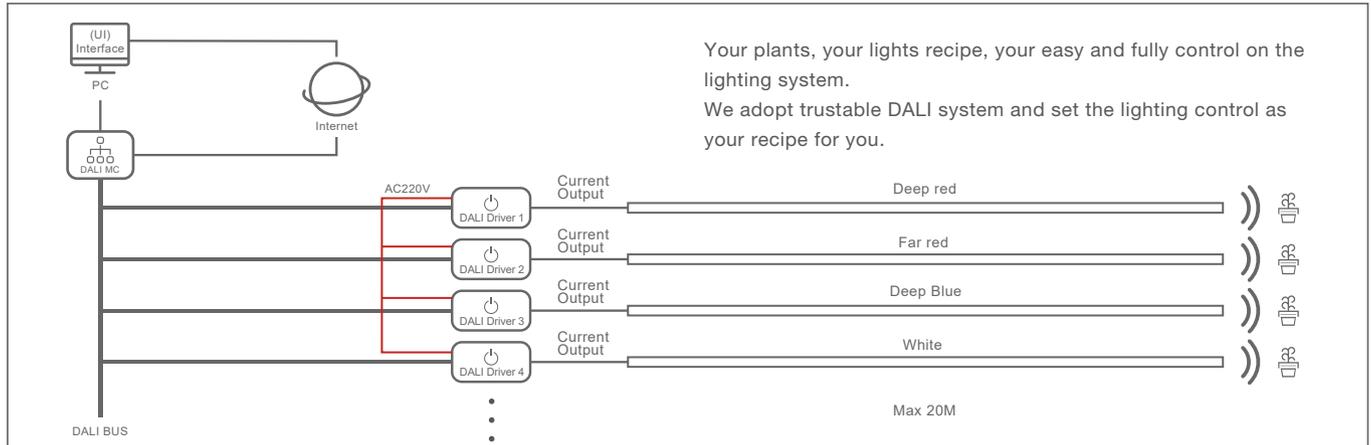


Intelligent control system

We do not only provide Horticultural Lighting ,but also help to design the control system.Wired and Wireless both can be made.such as DALI ,CASSAMBI,ZIGBEE

We know that different stages of plant growth require different light.So intelligent control is very important. You can adjust the light you need according to the different growth stages of different plants.

Below is DALI control system



You can let me know which control effect you need so we can help you to design the simplest and the Most economical control system



Higher productivity

Helps to design the control system

BR40 For Flowering



iLamp ED90



LED strips



Application

According to the research, Horticultural Lighting best suitable for greenhouse, plant factory, multilayer growing, small grow area growing.





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