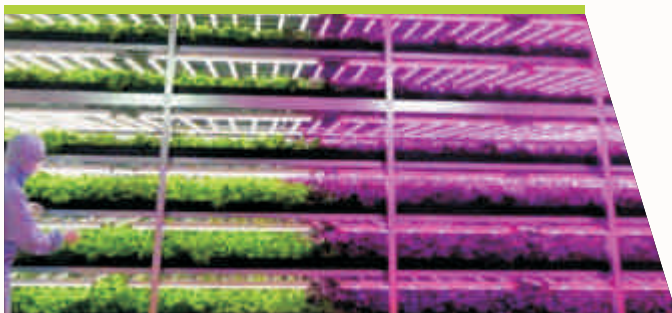


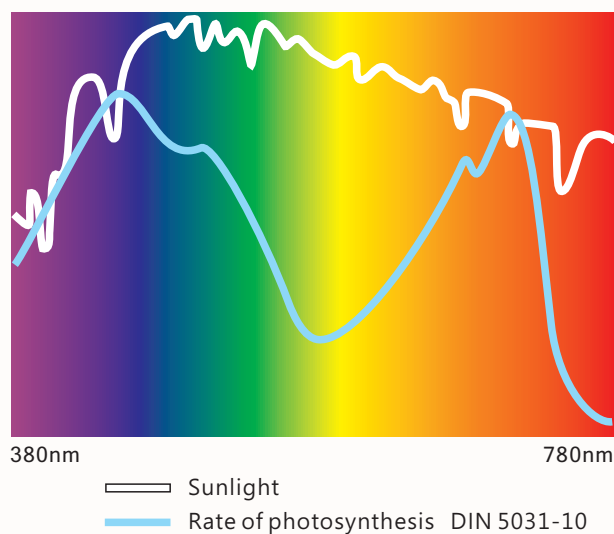
LED Grow Light



Lighting for
multilayer cultivation

Lighting for
greenhouse





SPECTRUM

Plants do not use all light spectrums produced by the sun. Most of the photosynthetic activity is in the blue and red.

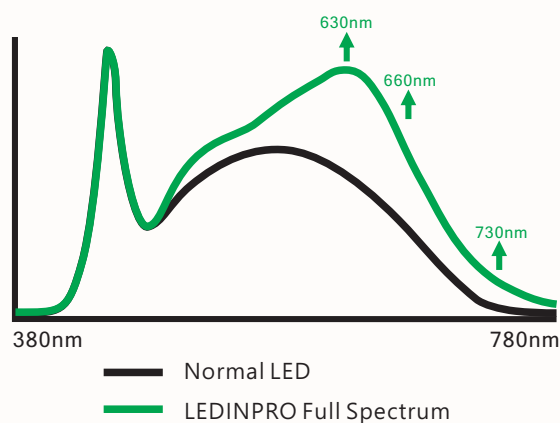
Blue light (430-460nm):

This range of spectrum enables cryptochromes and phototropins to mediate plant responses such as phototropic curvature, inhibition of elongation growth, stomatal opening and seedling growth regulation.

Red light (630-660nm):

These wavelengths encourage stem growth, flowering and fruit production, and chlorophyll production. The 660nm wavelength has a very strong photosynthetic action and also exhibits the highest action on red-absorbing phytochrome regulated germination, flowering and other processes.

LEDINPRO Full Spectrum 1



Summary

Our products have increased the amount of red wavelengths. Include 630nm, 660nm and 730nm.

Through testing, this spectrum is suitable for most plants. Suitable for tissue culture, grow seedlings and growth cycle.

The most cost-effective choice.

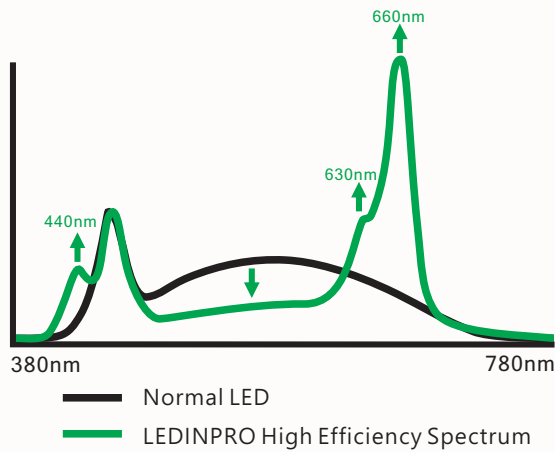
Specification

Up to 70% in energy savings versus HID.

Heat is 60% lower than HID.

No heat radiation towards the plants.

LEDINPRO High Efficiency Spectrum 2



Summary

Our products have increased the amount of red wavelengths and blue wavelengths. Include 440nm, 630nm and 660nm.

Reduced the green wavelengths. A certain amount of light in this spectrum range is beneficial.

Suitable for vegetative and flowering.

Specification

Up to 80% in energy savings versus HID.

Heat is 60% lower than HID.

No heat radiation towards the plants.

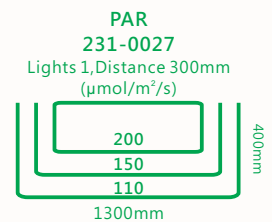
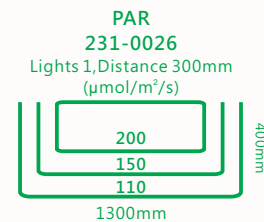
Accord with the absorbance of chlorophyll a and b.

LEDINPRO LED Grow Light

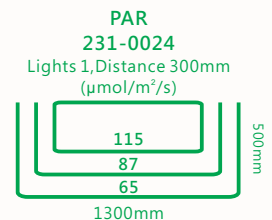
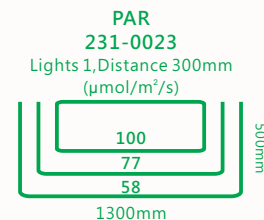


Input Voltage	Dimming	IP	Lifespan
100-277VAC	0-10V	66	50000Hrs

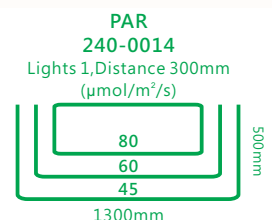
Model No.	Spectrum	Length	Power	PPF	Beam
231-0026	Spectrum 1	1200mm	130W	320μmol/s	90°
231-0027	Spectrum 2	1200mm	110W	320μmol/s	90°



Model No.	Spectrum	Length	Power	PPF	Beam
231-0023	Spectrum 1	1200mm	65W	150μmol/s	120°
231-0024	Spectrum 2	1200mm	65W	180μmol/s	120°



Model No.	Spectrum	Length	Power	PPF	Beam
240-0013	Spectrum 1	1200mm	45W	100μmol/s	120°
240-0014	Spectrum 2	1200mm	45W	130μmol/s	120°





SINCE 2006

fluorescent Ballasts

LED lights

LED aquarium lights

LED grow lights

Intelligent control system

Inledco is a rapid development of science and technology innovation enterprises. We are committed to the development of intelligent control and High efficient lights.



40040584



2214342.01



NI45235



E-487567



E-487566

LED lighting Toplighting



Toplighting

LED toplighting can shorten growth cycles, increase yields, reduce energy and enable more economic use of space.

LED lighting Toplighting



Specification

Ideal for greenhouse

Improve crop yield and quality
Proven for different growth characteristics

Avoid costly remodeling with easy plug and play installation


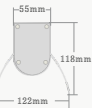
Less heat radiation

Save up to 45% on energy costs compared to HPS toplighting

CHARACTERISTICS

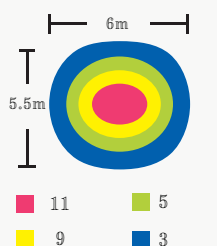
Input Voltage 100-277VAC	Cover PC	Lifespan 50000Hrs
-----------------------------	-------------	----------------------

Parameter

Type No.	Type	Length (mm)	Wattage (W)	PPF $\mu\text{mol/s}$	Beam Angle	Dimension
231-0023	leafy vegetables-DR/B/W	1200	58	133	120°	
231-0024	fruit vegetable-FR/DR/B/W	1200	58	110	120°	
231-0025	flowers-FR/DR/BW	1200	58	110	120°	
231-0026	leafy vegetables-DR/B/W	1200	116	267	90°	
231-0027	fruit vegetable-FR/DR/B/W	1200	116	220	90°	
231-0028	flowers-FR/DR/BW	1200	116	220	90°	

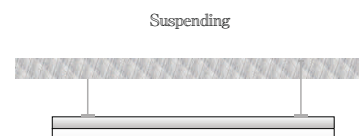
Maximum interconnection Qty

Line Diameter	0.75mm ²	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²	1.5mm ²
Power	110V	230V	277V	110V	230V	277V
QTY	8pcs	17pcs	21pcs	17pcs	35pcs	42pcs
58W	4pcs	8pcs	10pcs	8pcs	17pcs	21pcs



3m from light source

Installation



LED lighting Multilayer Lighting

IP67

IK08

Class II

Multilayer lighting

LED multilayer lighting improved and uniform crop quality and energy savings of up to 75%. The energy efficient LEDs also give off less heat and create a more uniform light distribution

LED lighting Multilayer Lighting



Specification

Ideal for multilayer cultivation

Improve crop yield and quality

Proven for different growth characteristics

Less heat radiation

Energy savings of up to 75% compared to fluorescent

CHARACTERISTICS

Input Voltage
100-277VAC

Cover
PC

Lifespan
50000Hrs

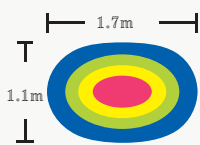
Parameter

Type No.	Type	Length (mm)	Wattage (W)	PPF $\mu\text{mol/s}$	Beam Angle	PC
240-0013	Deep-red/Blue	1200	45	104	120°	Clear
240-0014	Full Spectrum White	1200	45	135	120°	Clear
240-0015	Far-red/Deep-red/Blue	1200	45	86	120°	Clear
240-0017	Blue (edible fungus)	1200	45	81	120°	Clear

Maximum interconnection Qty

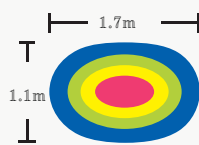
Line Diameter	0.75mm ²	0.75mm ²	0.75mm ²	1.5mm ²	1.5mm ²	1.5mm ²
Voltage	110V	230V	277V	110V	230V	277V
Power QTY	45W	11pcs	23pcs	27pcs	22pcs	46pcs
					55pcs	

PAR measurement



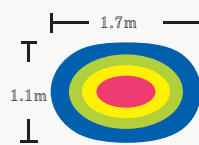
60 41
55 33

240-0013
60cm from light source



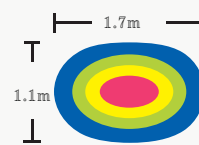
70 49
62 38

240-0014
60cm from light source



55 36
50 28

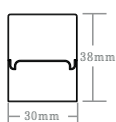
240-0015
60cm from light source



45 26
40 20

240-0017
60cm from light source

Installation



Surface mounted

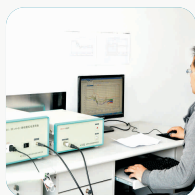
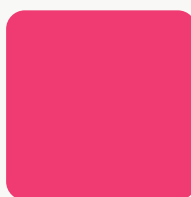


Suspending





11 YEARS LED Experience



Zhengzhou Inledco Lighting Co., LTD , located in Zhengzhou city, Henan Province, China, is a leading LED lights manufacturer with professional R&D teams. We started researching and designing LED lights from 2006 and have been exporting 100% of our products to North America and Europe ever since.

We are committed to innovation and development of LED lights. Several series of innovative products have been developed and patented, some of which are even leading the trend in the market .

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