

## Innovations for New Product:

Item No.: 84X-PRO-140W

CREATING A UNIQUE CONCEPT  
OF INNOVATION

## Innovations for Service:

### Zero Cost for Maintenance

- No trouble and no cost of repairing can be achieved by our creative design for customer convenient maintenance. 3 minutes is enough for any part of replacement by just using a general screwdriver. No transportation needed.
- 3 Years warranty with free charges of key components for repairing.

## Innovations for Technique:

### 3 Minutes for Disassembling and Reassembly.

Replace any component within 3 minutes without any special tools and /or expertise.

### Unique technique of Standard module design. Plug-and-Play

Key components of LED optic lens, PCBs, heat sink and power supply are designed into standard modules respectively, so as to achieve PNP and inter-changeable within X2 SP series of product.

### Latest X2 LED optic lens

X2 optic lens is the latest optics technology for high lighting efficiency, 25% or more of lighting efficiency will be improved.

### Air-circulation system designed to improve the plants' photosynthesis and growth.

So as to improve the plants photosynthesis and growth significantly.

### Latest power supply with low frequency pulse increases 15% of the plants growth.

### Unique function of self-checking and indication for malfunction.

R & D an online self-checking technique. Once any malfunction occurred, self-checking circuit will light the LED, which in the centre of each light-module, to indicate abnormal performance or malfunction that should be fixed.

### Conveniently Cross-connection of X2 products with Daisy-chain power cord design.

## Parameters:

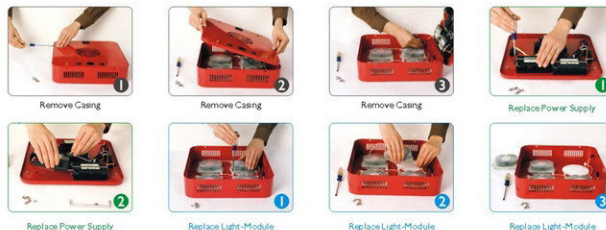
Power: 140W	I/p Voltage: 100-240V	Frequency: 50/60HZ
LED Qty: 84pcs × 3W LED	Par Value/300mm: 473.5U/mcd	
Lifetime: 50000Hrs	R/T: -20+40℃	
Product size(mm): L335 × W335 × H80	N/W: 3.77kg	
Package size(mm): L410 × W410 × H160	G/W: 4.7kg	



## Our standard color ratio:

660nm(red):470nm(blue):640nm(red):440nm(blue):740nm(IR)=10:2:4:2:2

## REPLACEMENT INTRODUCTION:



3 Minutes  
Disassembling and Reassembly

MODULE  
design  
Plug-and-Play

0% ZERO  
maintenance  
costs.

25% Increase  
light efficiency



## Innovations for New Product:

Item No.: 84X-PRO-210W

CREATING A UNIQUE CONCEPT  
OF INNOVATION

## Innovations for Service:

### Zero Cost for Maintenance

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- 3 Years warranty with free charges of key components for repairing.

## Innovations for Technique:

### 3 Minutes for Disassembling and Reassembly.

Replace any component within 3 minutes without any special tools and /or expertise.

### Unique technique of Standard module design. Plug-and-Play

Key components of LED optic lens, PCBs, heat sink and power supply are designed into standard modules respectively, so as to achieve PNP and inter-changeable within X2 SP series of product.

### Latest X2 LED optic lens

X2 optic lens is the latest optics technology for high lighting efficiency. 25% or more of lighting efficiency will be improved.

### Air-circulation system designed to improve the plants' photosynthesis and growth.

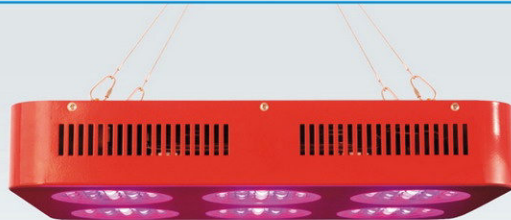
So as to improve the plants photosynthesis and growth significantly.

### Latest power supply with low frequency pulse increases 15% of the plants growth.

### Unique function of self-checking and indication for malfunction.

R & D an online self-checking technique. Once any malfunction occurred, self-checking circuit will light the LED, which in the centre of each light-module, to indicate abnormal performance or malfunction that should be fixed.

### Conveniently Cross-connection of X2 products with Daisy-chain power cord design.



Our standard color ratio:

660nm(red):470nm(blue):640nm(red):440nm(blue):740nm(IR)=10:2:4:2:2

## REPLACEMENT INTRODUCTION:



Remove Casing



Remove Casing



Remove Casing



Replace Power Supply



Replace Power Supply



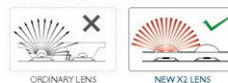
Replace Light-Module



Replace Light-Module



Replace Light-Module



## Parameters:

Power: 210W	I/p Voltage: 100-240V	Frequency: 50/60HZ
LED Qty: 126pcs × 3W LED	Par Value/300mm: 562.3U/mcl	
Lifetime: 50000Hrs	R/T: -20+40℃	
Product size(mm): L485×W335×H80	N/W: 5.6kg	
Package size(mm): L590×W440×H170	G/W: 9.6kg	



## Innovations for New Product:

Item No.: 84X-PRO-315W

CREATING A UNIQUE CONCEPT  
OF INNOVATION

## Innovations for Service:

### Zero Cost for Maintenance

- No trouble and no cost of repairing can be achieved by our creative design for customer convenient maintenance. 3 minutes is enough for any part of replacement by just using a general screwdriver. No transportation needed.
- 3 Years warranty with free charges of key components for repairing.

## Innovations for Technique:

### 3 Minutes for Disassembling and Reassembly.

Replace any component within 3 minutes without any special tools and /or expertise.

### Unique technique of Standard module design. Plug-and-Play

Key components of LED optic lens, PCBs, heat sink and power supply are designed into standard modules respectively, so as to achieve PNP and inter-changeable within X2 SP series of product.

### Latest X2 LED optic lens

X2 optic lens is the latest optics technology for high lighting efficiency, 25% or more of lighting efficiency will be improved.

### Air-circulation system designed to improve the plants' photosynthesis and growth.

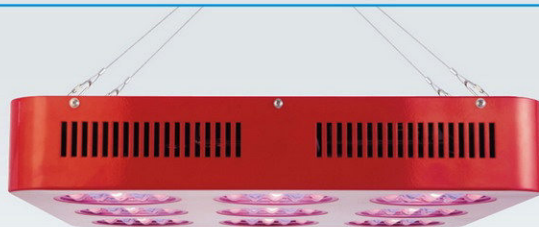
So as to improve the plants photosynthesis and growth significantly.

### Latest power supply with low frequency pulse increases 15% of the plants growth.

### Unique function of self-checking and indication for malfunction.

R & D an online self-checking technique. Once any malfunction occurred, self-checking circuit will light the LED, which in the centre of each light-module, to indicate abnormal performance or malfunction that should be fixed.

### Conveniently Cross-connection of X2 products with Daisy-chain power cord design.



Our standard color ratio:

660nm(red):470nm(blue):640nm(red):440nm(blue):740nm(IR)=10:2:4:2:2

## REPLACEMENT INTRODUCTION:



Remove Casing



Remove Casing



Remove Casing



Replace Power Supply



Replace Power Supply



Replace Light-Module



Replace Light-Module



Replace Light-Module

3 Minutes  
Disassembling and  
Reassembly

MODULE  
design  
Plug-and-Play

0% ZERO  
maintenance  
costs.

25% Increase  
light efficiency



## Parameters:

Power: 315W	I/p Voltage: 100-240V	Frequency: 50/60HZ
LED Qty: 189pcs × 3W LED	Par Value/300mm: 552.4U/mcl	
Lifetime: 50000Hrs	R/T: -20+40°C	
Product size(mm): L485 × W485 × H80	N/W: 6.8kg	
Package size(mm): L600 × W580 × H170	G/W: 10.1kg	



## Innovations for New Product:

Item No.: 84X-PRO-560W

CREATING A UNIQUE CONCEPT  
OF INNOVATION

## Innovations for Service:

### Zero Cost for Maintenance

- No trouble and no cost of repairing can be achieved by our creative design for customer convenient maintenance. 3 minutes is enough for any part of replacement by just using a general screwdriver. No transportation needed.
- 3 Years warranty with free charges of key components for repairing.

## Innovations for Technique:

### 3 Minutes for Disassembling and Reassembly.

Replace any component within 3 minutes without any special tools and /or expertise.

### Unique technique of Standard module design. Plug-and-Play

Key components of LED optic lens, PCBs, heat sink and power supply are designed into standard modules respectively, so as to achieve PNP and inter-changeable within X2 SP series of product.

### Latest X2 LED optic lens

X2 optic lens is the latest optics technology for high lighting efficiency. 25% or more of lighting efficiency will be improved.

### Air-circulation system designed to improve the plants' photosynthesis and growth.

So as to improve the plants photosynthesis and growth significantly.

### Latest power supply with low frequency pulse increases 15% of the plants growth.

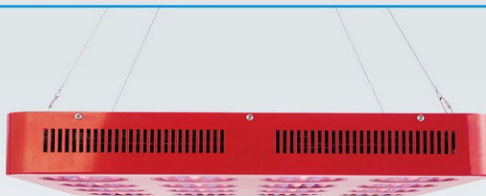
### Unique function of self-checking and indication for malfunction.

R & D an online self-checking technique. Once any malfunction occurred, self-checking circuit will light the LED, which is in the centre of each light-module, to indicate abnormal performance or malfunction that should be fixed.

### Conveniently Cross-connection of X2 products with Daisy-chain power cord design.

## Parameters:

Power: 560W	I/p Voltage: 100-240V	Frequency: 50/60HZ
LED Qty: 336pcs X 3W LED	Par Value/300mm: 586.5U/mcd	
Lifetime: 50000Hrs	R/T: -20+40°C	
Product size(mm): L635 X W635 X H80	N/W: 14.31kg	
Package size(mm): L760 X W730 X H170	G/W: 17.5kg	



Our standard color ratio:

660nm(red):470nm(blue):640nm(red):440nm(blue):740nm(IR)=10:2:4:2:2

## REPLACEMENT INTRODUCTION:



Remove Casing



Remove Casing



Remove Casing



Replace Power Supply



Replace Power Supply



Replace Light-Module



Replace Light-Module



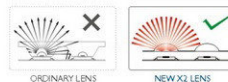
Replace Light-Module

**3 Minutes**  
Disassembling and Reassembly

**MODULE design**  
Plug-and-Play

**0% ZERO**  
maintenance costs.

**25% Increase**  
light efficiency



ORDINARY LENS

NEW X2 LENS

