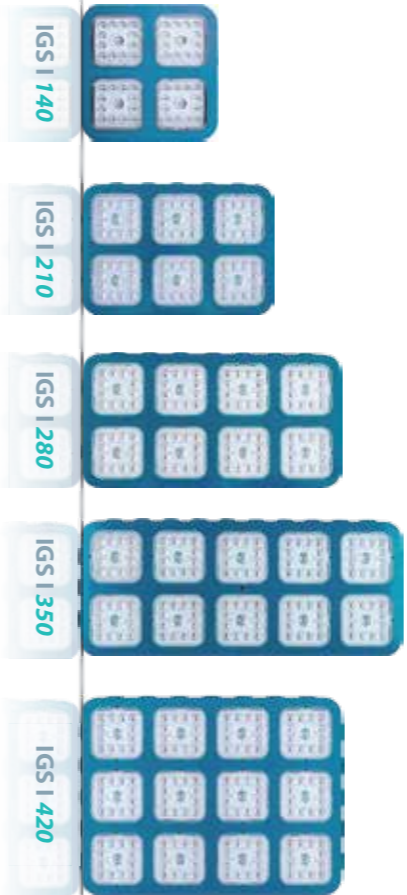


METATRON TECHNOLOGIES

# IGS LED User Guide



Setting up is easy. Just follow the simple steps in this guide.  
If you need further assistance, please visit our website [www.metatrontechnologies.com](http://www.metatrontechnologies.com)



## IGS | LED™ SPECIFICATIONS

<b>IGS   140</b>	80x3w LEDs	Length: 11"	-	Width: 11"	-	Height: 2.75"	-	Weight: 6.25 lbs	-	Draw: 140w
<b>IGS   210</b>	120x3w LEDs	Length: 16"	-	Width: 11"	-	Height: 2.75"	-	Weight: 8 lbs	-	Draw: 210w
<b>IGS   280</b>	160x3w LEDs	Length: 21"	-	Width: 11"	-	Height: 2.75"	-	Weight: 10.25 lbs	-	Draw: 280w
<b>IGS   350</b>	200x3w LEDs	Length: 26.5"	-	Width: 11"	-	Height: 2.75"	-	Weight: 14 lbs	-	Draw: 350w
<b>IGS   420</b>	240x3w LEDs	Length: 21.5"	-	Width: 16"	-	Height: 2.75"	-	Weight: 15.5 lbs	-	Draw: 420w

Please check website for the latest products



Available at preferred hydroponic shops • [metatrontechnologies.com](http://metatrontechnologies.com) • London • Europe

## WARRANTY

Metatron Technologies warrants the product to be free from defects in material and workmanship for a period of 1 year from the date of purchase from selected retail stores or from the date of receipt when purchased online. For warranty issues please email: [warranties@metatrontechnologies.com](mailto:warranties@metatrontechnologies.com)

## EXCLUSIONS

This warranty covers defects in manufacturing when used as recommended by the manufacturer. The warranty does not cover loss or theft, nor does coverage extend by misuse, abuse, unauthorised modification, improper storage conditions, lightning, other natural disasters.

## LIMITS OF LIABILITY

Should your light(s) fail, your sole recourse shall be repair or replacement, as described in the preceding paragraphs. We will not be held liable to you or any other party for any damages that result from the failure of these LED grow lights. Damages excluded include, but are not limited to, the following: lost profits, lost production and incidental or consequential damages arising from the use, or inability to use this product. In no event will Metatron Technologies be liable for more than the amount of your purchase price, not to exceed the current list price of the LED grow light, and excluding tax, shipping and handling charges.

Metatron Technologies disclaims any other warranties either express or implied. By installing or using your IGS LED grow light, the user accepts all terms described herein.

## HOW TO OBTAIN SERVICE UNDER THIS WARRANTY

Please contact us at [warranties@metatrontechnologies.com](mailto:warranties@metatrontechnologies.com)

## IMPORTANT SAFETY INSTRUCTIONS

- **Do not look directly into your LED grow light.**
- Read, keep and follow these instructions.
- Do not drop your IGS LED grow light
- Do not expose your LED grow light to rain or moisture.
- Do not use your LED grow light in humidity over 60%.
- Do not immerse the power cord or plug in water.
- Do not spray liquids into or near the fan.
- Do not operate this unit in the presence of explosive and/or flammable fumes.
- Avoid contact with moving parts.
- Protect the power cord from being walked on or pinched.
- If the cord or plug becomes damaged, do not operate the LED grow light.
- To disconnect grip the plug and pull from the wall outlet.
- Children should be supervised to ensure that they do not play with the LED grow light.
- Do not insert any object into the fan guards whether the fan is running or not.
- Close supervision is necessary when the LED grow light is used by or near children.

## ELECTRICAL INFORMATION

Before using this LED grow light ensure that the voltage of your electricity supply is the same as that indicated on your LED grow light.



UK: Waste electrical products should not be disposed of with household waste. Separate disposal facilities exist, for your nearest facilities. See [www.recycle-more.co.uk](http://www.recycle-more.co.uk).

## INTRODUCTION

Before using your IGS LED grow light please read all these notes and instructions carefully and familiarise yourself with the features of your new grow light.

## CARE AND MAINTENANCE

For indoor use only. Do not place your LED grow light face-down on a hard surface as the lenses may scratch. Wipe unit with a soft cloth. Do not drop the LED grow light.

## ASSEMBLY



## USAGE

For optimal growth and plant health always keep at least 18 inches between your plants and your IGS LED grow light. Human eyes are not as receptive to the blue and red colors so it is much brighter to the plant than it is you. Generally speaking the temperature of your indoor garden should be between 74F & 78F (23.3°C & 25.5°C).

**HUMIDITY IN YOUR ENVIRONMENT SHOULD NOT EXCEED MORE THAN 60%.**

## SOIL



Start with high quality soil-mix. Balance PH between 6.4 & 6.8, check weekly. Water thoroughly at least one-time per week and as necessary should soil become to dry. *Be careful not to over-water.* Feed once every 3rd week or as necessary. *Be careful not to over-feed.* Flush as necessary.



## HYDRO

Starting with a rooted seedling in a 6" net pot allow roots to hang freely in the nutrient solution. Use an aquarium style air pump and bubble stone to oxygenate the nutrient solution. (Plants breathe like fish). Try keeping the nutrient water between 68F and 75F (20.0°C & 24.0°C). Change nutrient water once per week. Top off daily with pure water. Check and balance PH daily. For optimal nutrient uptake the PH should be kept between 5.8 to 6.0. *Do not allow roots to receive light during normal growth.*

**S I M P L E G R O W G U I D E**