

# GRWSY SERIES

## LED MODULAR FULL SPECTRUM GROW LIGHT

- ✓ UL & CE Certified-DLC Pending
- ✓ IP65 Weather Rating
- ✓ Supports Full, R&B, As Well As Custom Spectrums
- ✓ 5 Year Limited Manufacturers Warranty
- ✓ 50,000 Hour Rated Lifetime
- ✓ Fanless Design

**Nominal SPECIFICATIONS**

**LifeLux™ STD Rating**  
**Power**  
 170W, 240W, 320W, 480W, 660W  
**Voltage**  
 100-277V, 200-480V  
**Color Spectrum**  
 FSS, FSM, FSG, FSMUV  
**Dimmable**  
 0-10V, Dali Dimming, RJ14 Dim Socket

**Design Life**  
 50,000 hrs  
**Frequency**  
 50/60Hz  
**Power Factor**  
 >0.90  
**Warranty**  
 5 Year Manufacturers Limited Warranty  
**Ingress Protection Rating**  
 IP 65

**Dimensions**  
 47"x18"x2" 7.9 lbs  
 47"x18"x2" 9.9 lbs  
 47"x21.1"x2" 13.2 lbs  
 42"x42.4"x2" 18.7 lbs  
 42."x42.4"x2" 22.7 lbs  
**Certifications**  
 DLC Pending, UL 8800, ETL, CE  
**Features**  
 Fanless Design, Lights can be connected in series, **2 versions available**

Series	Power	Spectrum	μmol/J					PPF (μmol/s)	Dimension	Weight	
			2.1	2.2	2.3	2.4	2.6				2.7
USALED-GRWSY	170W	FSS						✓	459	47" x 18" x 2"	7.9 lbs
		FSM		✓		✓			374/408		
		FSG				✓	✓		408/422		
		FSMUV	✓		✓				357/391		
	240W	FSS						✓	648	47" x 18" 2"	9.9 lbs
		FSM		✓		✓			528/576		
		FSG				✓	✓		576/624		
		FSMUV	✓		✓				504/552		
	320W	FSS						✓	864	47" x 21.1" x 2"	13.2 lbs
		FSM		✓		✓			704/768		
		FSG				✓	✓		768/832		
		FSMUV	✓		✓				672/736		
	480W	FSS						✓	1296	42" x 42.4" x 2"	18.7 lbs
		FSM		✓		✓			1056/1152		
		FSG				✓	✓		1152/1248		
		FSMUV	✓		✓				1008/1104		
660W	FSS						✓	1782	42" x 42.4" x 2"	22.7"	
	FSM		✓		✓			1452/1584			
	FSG				✓	✓		1584/1716			
	FSMUV	✓		✓				1386/1518			

# GRWSYF SERIES

## LED MODULAR FULL SPECTRUM GROW LIGHT



- ✓ UL & CE Certified-DLC Pending
- ✓ IP65 Weather Rating
- ✓ Supports Full, R&B, As Well As Custom Spectrums
- ✓ 5 Year Limited Manufacturers Warranty
- ✓ 50,000 Hour Rated Lifetime
- ✓ Fanless Design

### Nominal SPECIFICATIONS

**LifeLux™ STD Rating**

**Power**  
170W, 320W

**Voltage**  
100-277V, 200-480V

**Color Spectrum**  
FSS, FSM, FSG, FSMUV

**Dimmable**  
0-10V, Dali Dimming, RJ14 Dim Socket

**Design Life**  
50,000 hrs

**Frequency**  
50/60Hz

**Power Factor**  
>0.90

**Warranty**  
5 Year Manufacturers Limited Warranty

**Ingress Protection Rating**  
IP 65

### Dimensions

21.1" x 21.1" x 2" 7.1 lbs  
28.7" x 28.7" x 2" 16.5 lbs

### Certifications

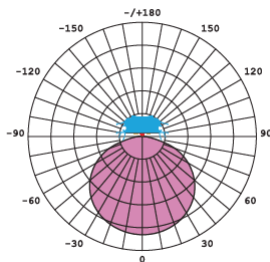
DLC Pending, UL 8800, ETL, CE

### Features

Fanless Design, Lights can be connected in series, **2 versions available**

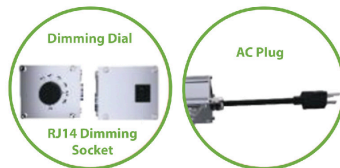
Series	Power	Spectrum	μmol/J					PPF (μmol/s)	Dimension	Weight	
			2.1	2.2	2.3	2.4	2.6				2.7
USALED-GRWSYF	170W	FSS						✓	459	21.1" x 21.1" x 2"	7.1 lbs
		FSM		✓		✓			374/408		
		FSG				✓	✓		408/422		
		FSMUV	✓		✓				357/391		
	320W	FSS						✓	864	28.7" x 28.7" x 2"	16.5 lbs
		FSM		✓		✓			704/768		
		FSG				✓	✓		768/832		
		FSMUV	✓		✓				672/736		

### GRWSY/GRWSYF IES



### GRWSY/GRWSYF KITS

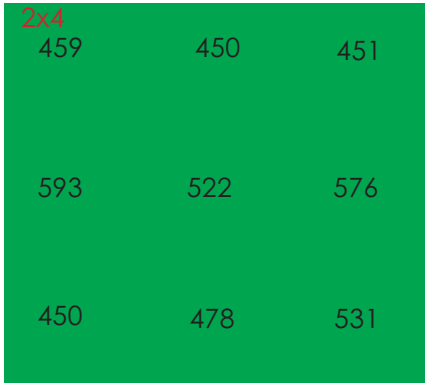
#### Starter Wire Kit



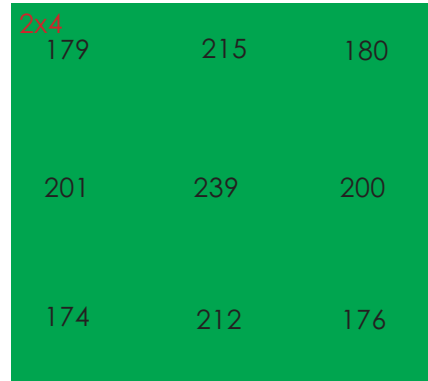
#### Advance Wire Kit



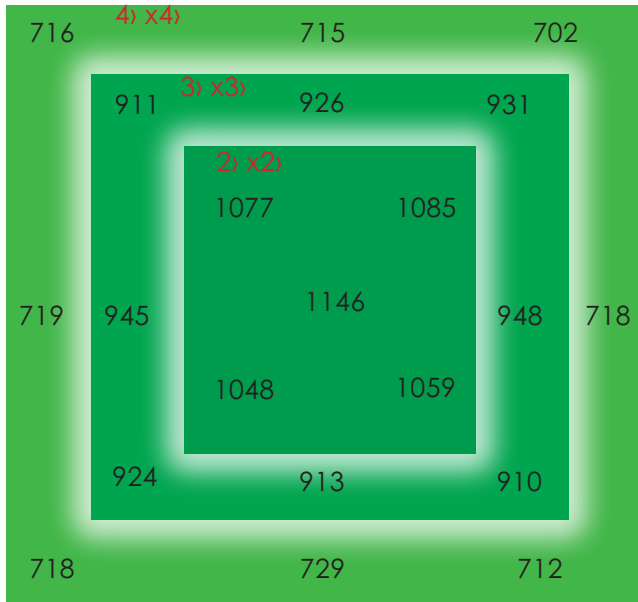
GRWSY/GRWSYF PPFD



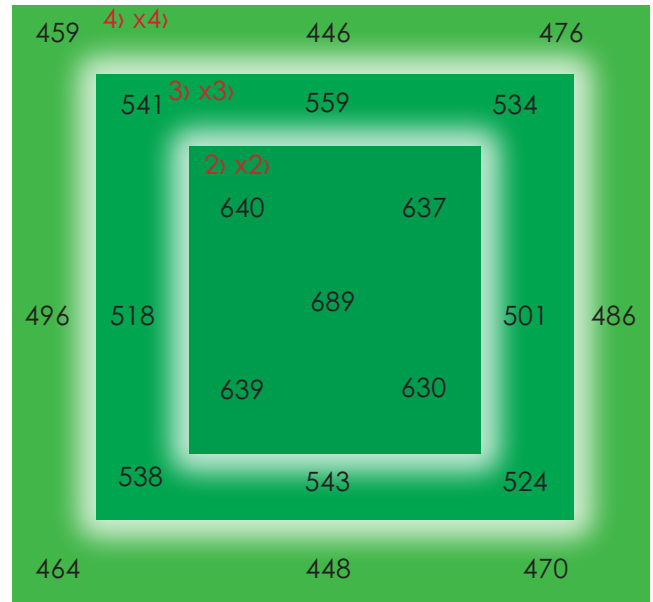
170W 2.4  $\mu\text{mol}/\text{J}$  12" Height



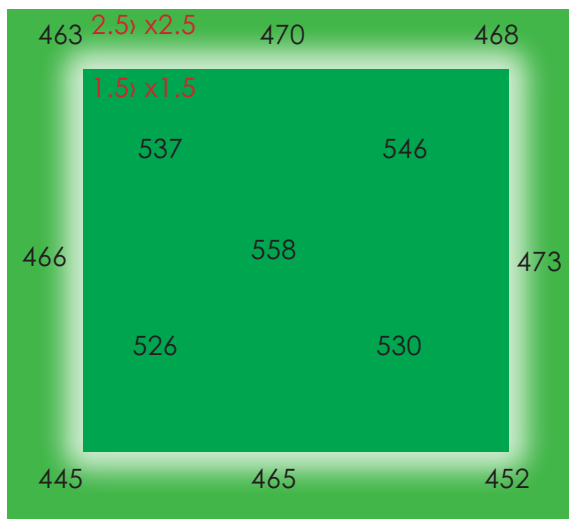
170W 2.4  $\mu\text{mol}/\text{J}$  24" Height



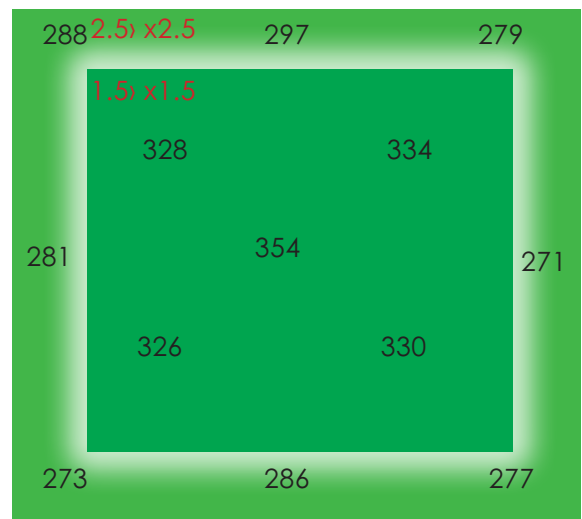
660W 2.4  $\mu\text{mol}/\text{J}$  12" Height



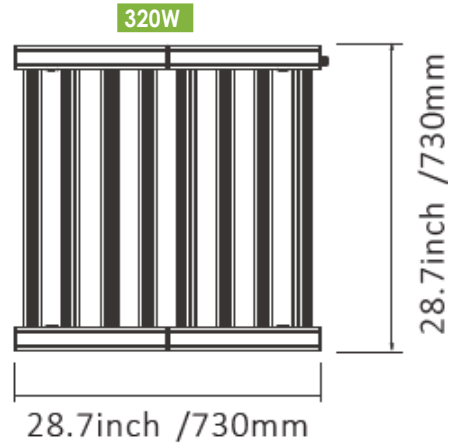
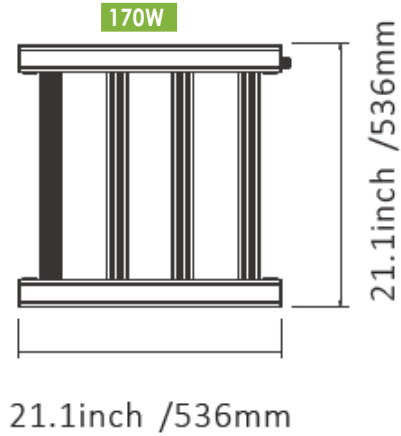
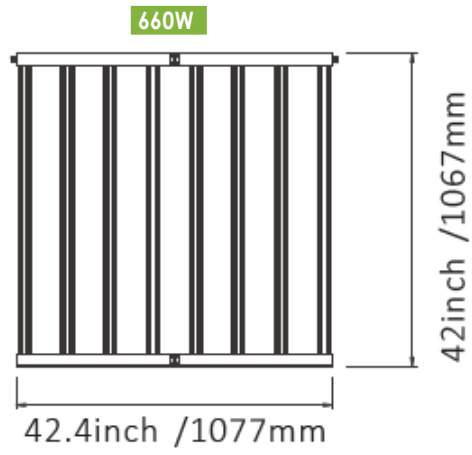
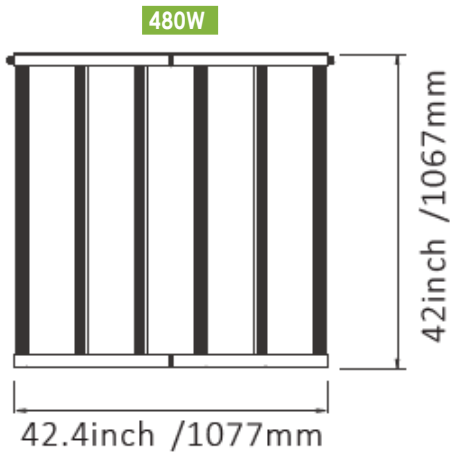
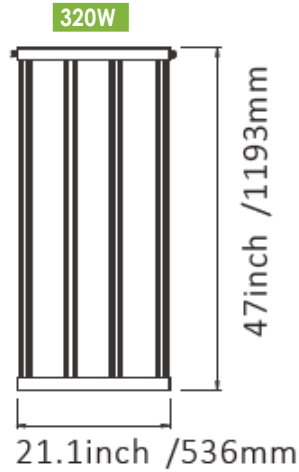
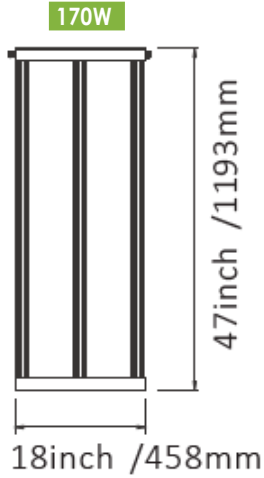
660W 2.4  $\mu\text{mol}/\text{J}$  24" Height



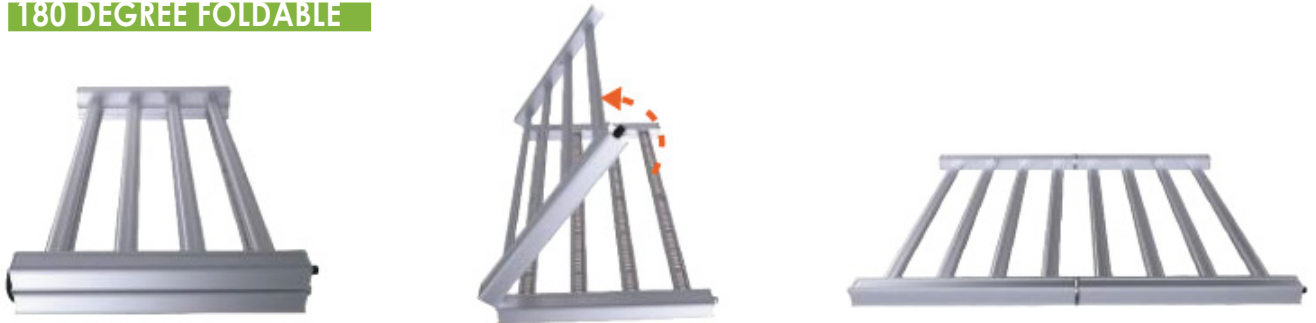
320W 2.4  $\mu\text{mol}/\text{J}$  12" Height



320W 2.4  $\mu\text{mol}/\text{J}$  24" Height



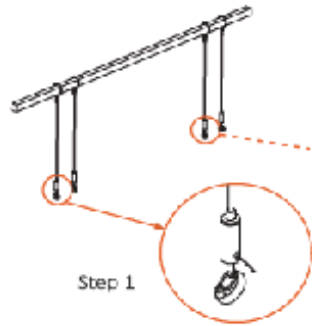
**180 DEGREE FOLDABLE**



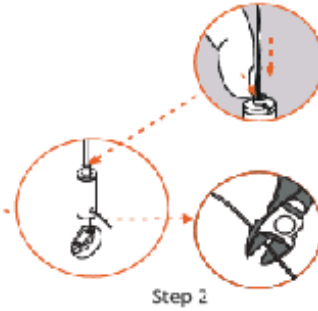
## GRWSY/GRWSYF INSTALL

Installation made easy!

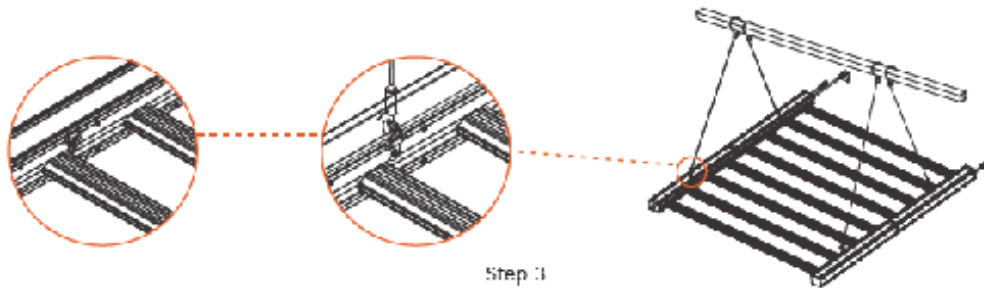
1. Hang the steel cable on the beam



2. Use the latch to adjust the mounting height of the light



3. Fix the steel cable in the triangle ring on the side of light



**LED Grow Light**  
170W PPF:442  $\mu\text{mol/s}$

**TO REPLACE**

**T5 Fluorescent Grow Light**  
8PCS 4 Feet Tubes  
432W PPF: 400  $\mu\text{mol/s}$

## APPLICATION

