



LIGHT FG R W T H

**Grown With Love,
Delivered With Hope!**

01

**GROW LIGHT
INTRODUCTION**



LOG-MINI-240W-4BAR

LIGHT OF GROWTH



Warm White Light(3000K)
Boost Flowering

White Light(4000K)
Promote Germination

Rich Red Light(660nm)
Yield More Buds & Crops

IR Light(730nm)
Boost Boost Yields

UV Light(395nm)
Higher Flower Quality

2.6 PPE:
 $\mu\text{mol}/\text{J}$

2*2 perfect for:
FT

2.5 Max-Yield:
g/w

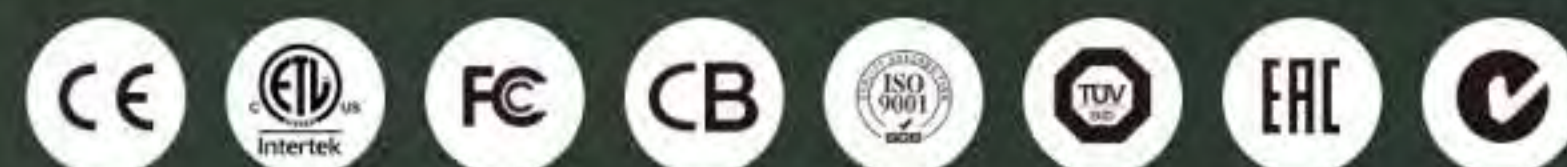
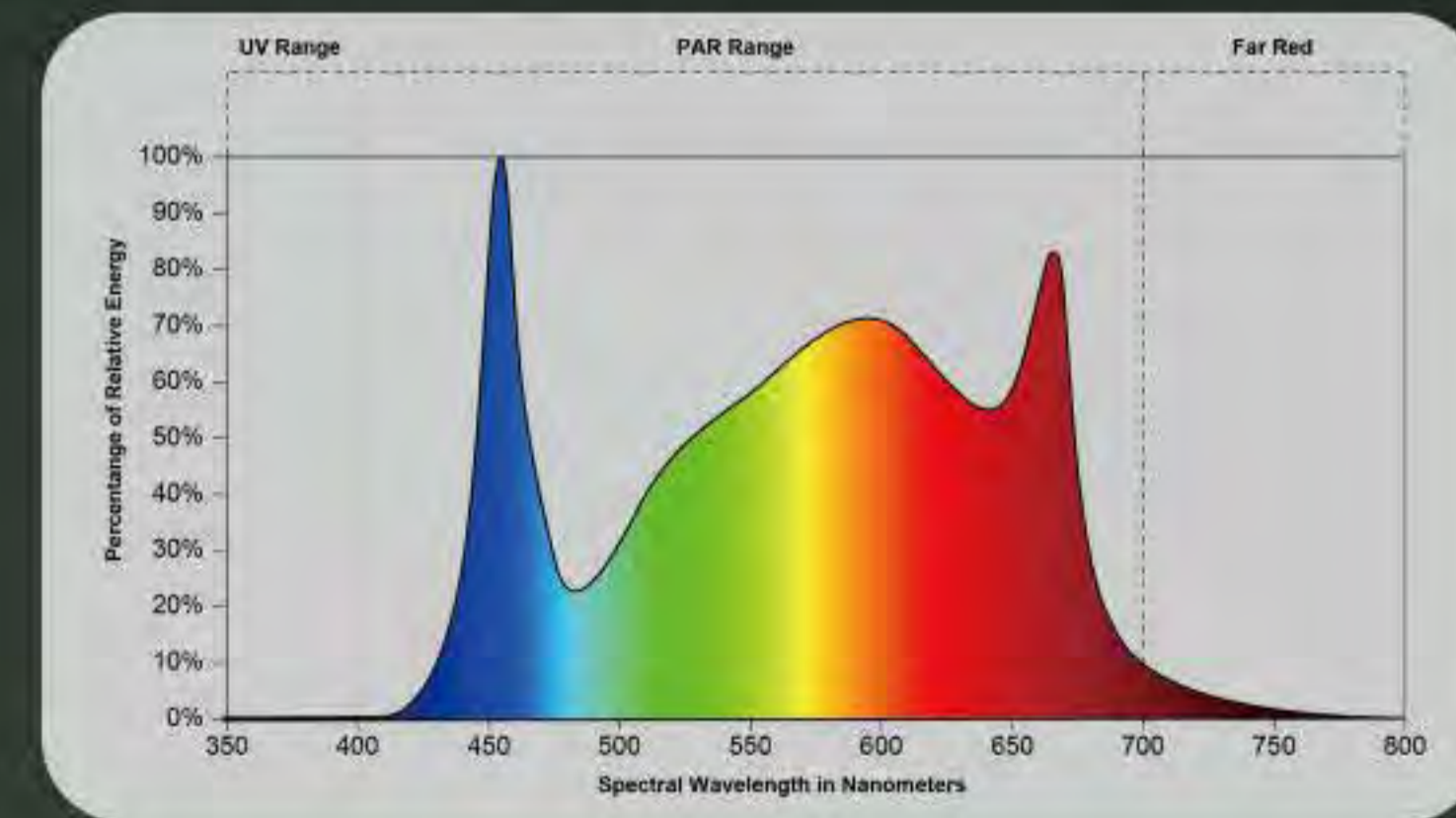
624 PPF:
 $\mu\text{mol}/\text{s}$

648 Pcs Samsung LM281B

Heat Dissipation 4-Bar

Dimming Daisy Chain

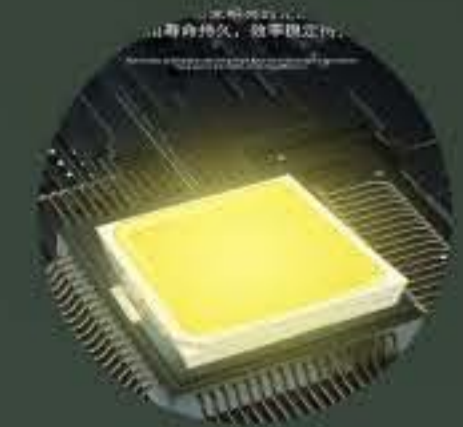
Uniform Lighting



Length	Width	Height	Weight
610mm	525mm	32mm	4.5kg

Input Power	240W
Input Voltage	AC180-277V/50/60Hz
AMPS	1.1A@220V(TH) 2A@120V 1A@240V 0.9A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM281B
Spectrum	Default:3000K+4000K+660nm +730nm *Can be customized.
Spectrum Type	Full Spectrum
Diodes	648
Heat sink	AL-6063
Max-Yield(Estimated)	2.5g/w
PPE	2.6 $\mu\text{mol}/\text{J}$
PPF	624 $\mu\text{mol}/\text{s}$
PPFD(40cm)	1002 $\mu\text{mol}/\text{m}^2.\text{s}$
PPFD(60cm)	615 $\mu\text{mol}/\text{m}^2.\text{s}$
Max Coverage	4*4ft/1*1m
Core Coverage	2*2ft/0.6*0.6m
Color Rendering Index	PF>0.8
Waterproof	IP65
Life Span	50000
Warranty	3 Year

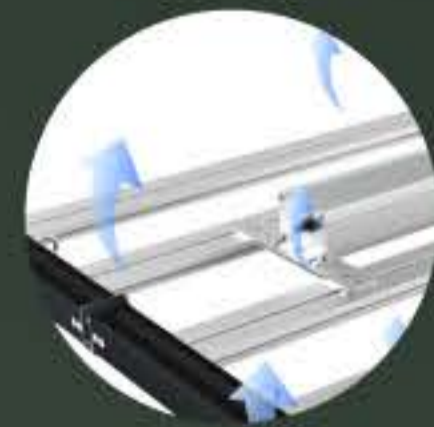
LOG-MINI-240W-4BAR PPFD DATA



Samsung LM281B



Dimming

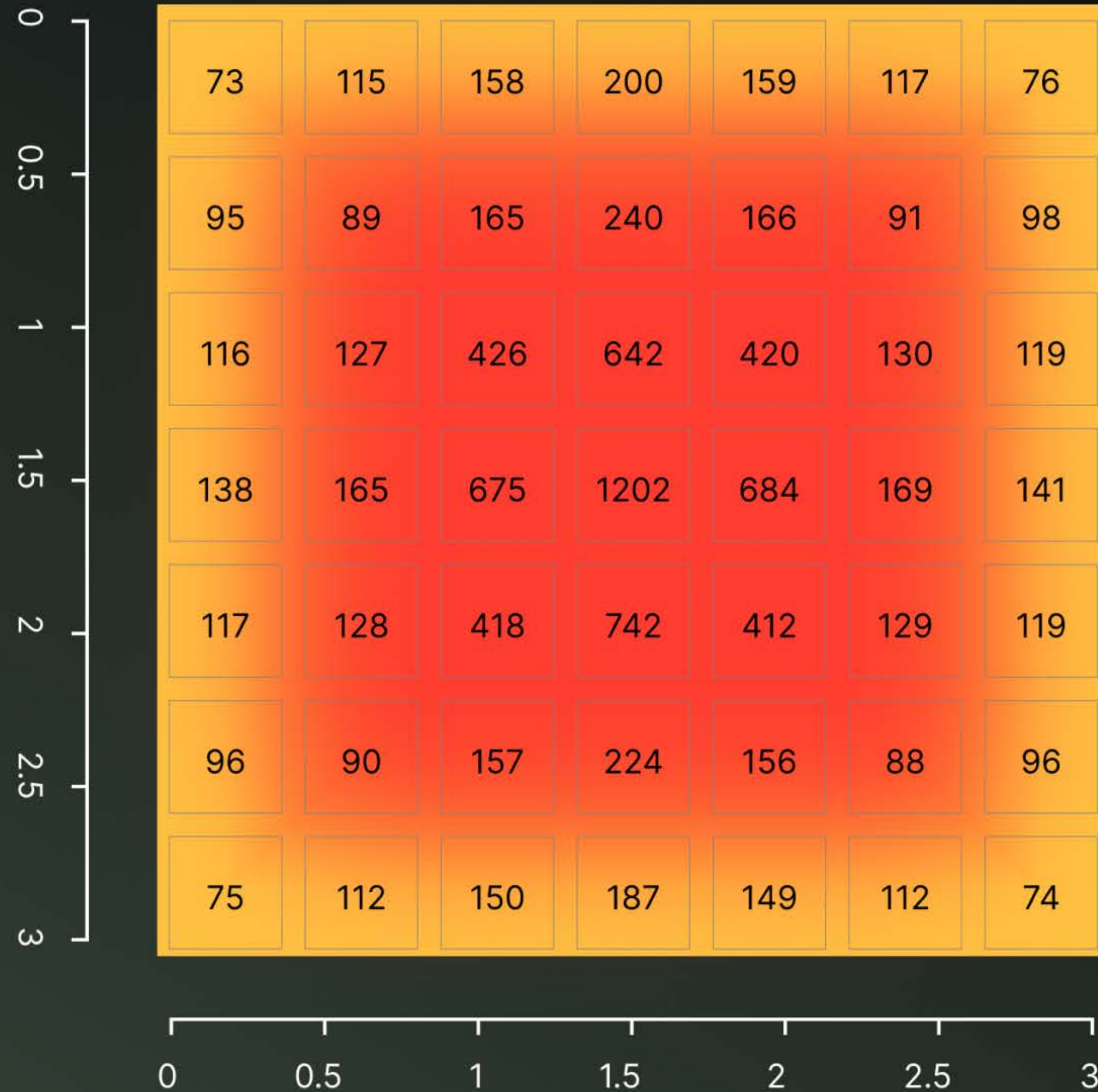


Heat Dissipation



Waterproof

3x3FT (1mx1m Tent)



Not Use CO2 At Height of 12" (30cm)

LOG-MINI-320W-6BAR

LIGHT OF GROWTH



Warm White Light(3000K)
Boost Flowering

White Light(4000K)
Promote Germination

Rich Red Light(660nm)
Yield More Buds & Crops

IR Light(730nm)
Boost Boost Yields

UV Light(395nm)
Higher Flower Quality

2.6 PPE:
 $\mu\text{mol}/\text{J}$

2*2 perfect for:
FT

2.5 Max-Yield:
g/w

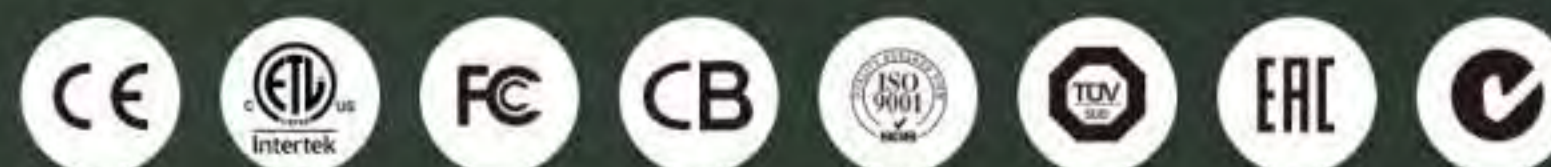
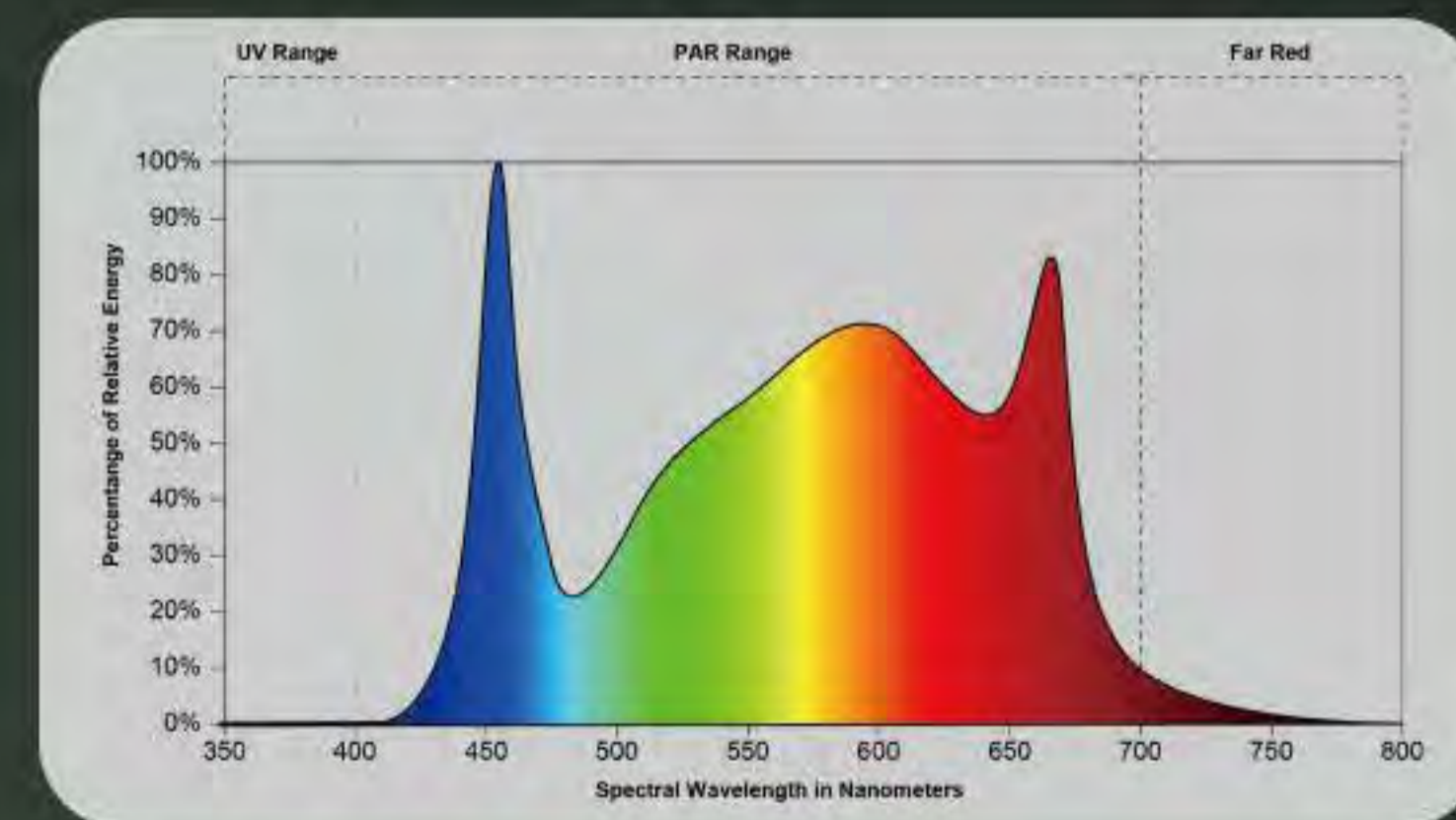
832 PPF:
 $\mu\text{mol}/\text{s}$

972 Pcs Samsung LM281B

Heat Dissipation 6-Bar

Dimming Daisy Chain

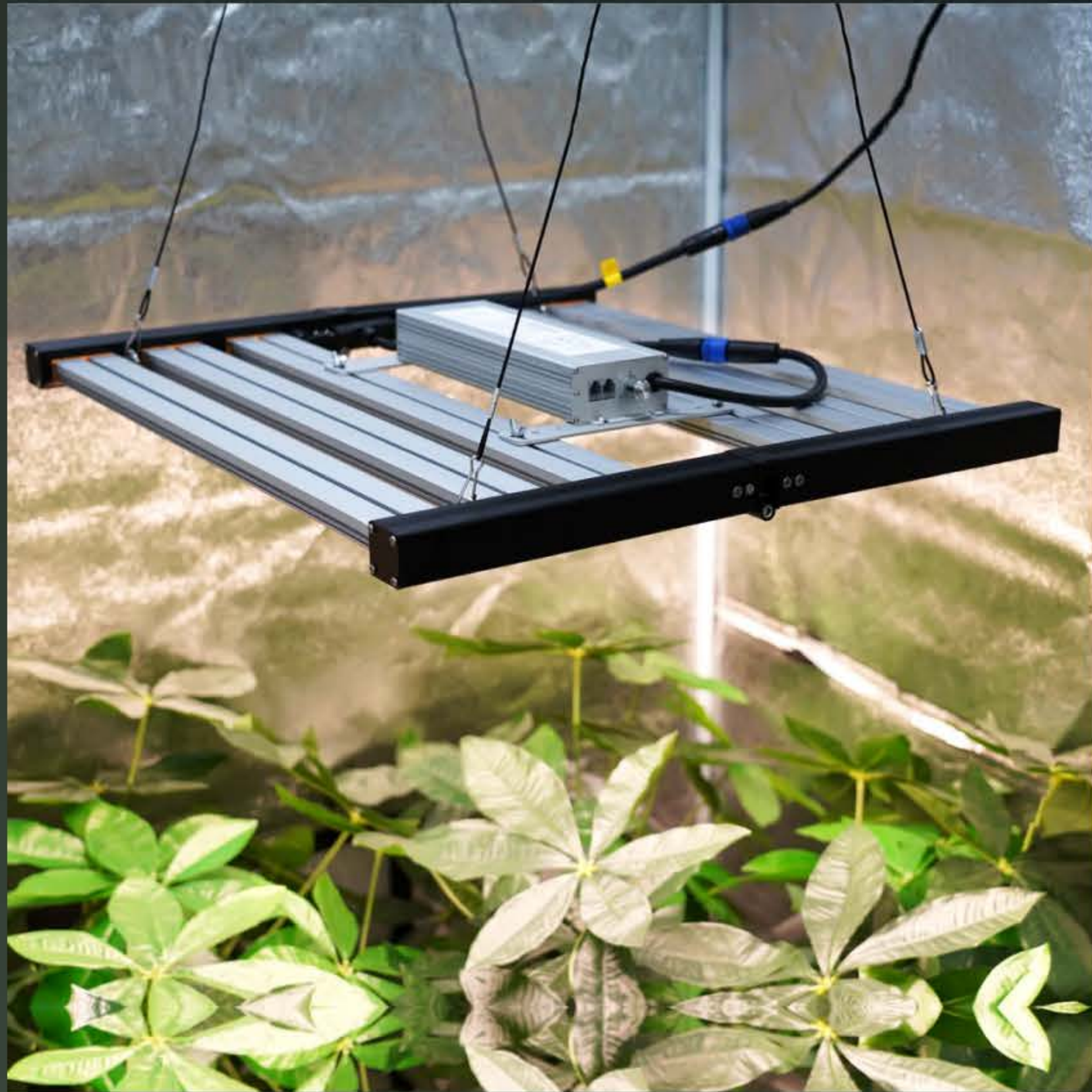
Uniform Lighting



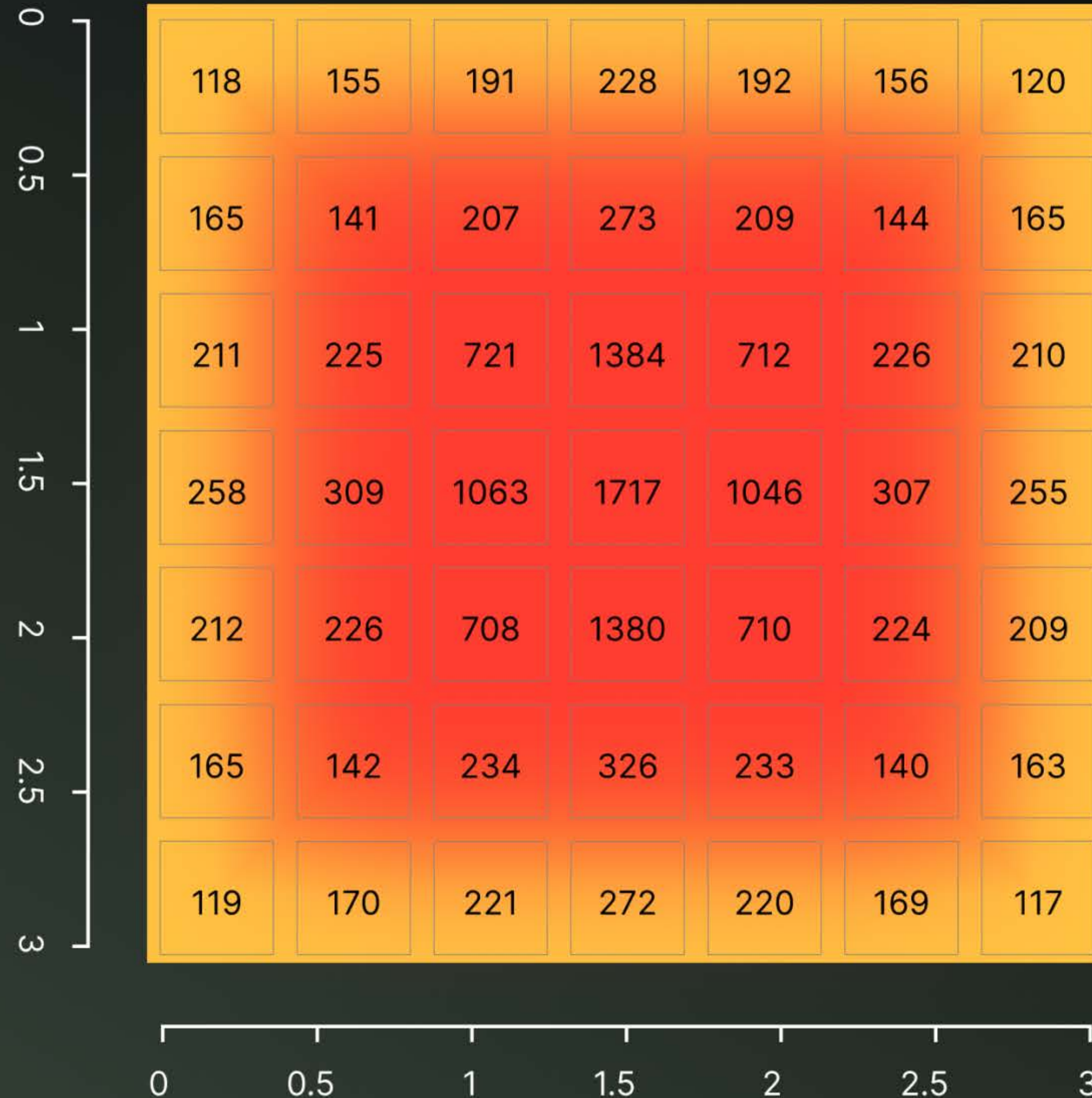
Length	Width	Height	Weight
610mm	525mm	32mm	5kg

Input Power	320W
Input Voltage	AC180-277V/50/60Hz
AMPS	1.4A@220V(TH) 2.7A@120V 1.3A@240V 1.1A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM281B
Spectrum	Default:3000K+4000K+660nm +730nm *Can be customized.
Spectrum Type	Full Spectrum
Diodes	972
Heat sink	AL-6063
Max-Yield(Estimated)	2.5g/w
PPE	2.6 $\mu\text{mol}/\text{J}$
PPF	832 $\mu\text{mol}/\text{s}$
PPFD(40cm)	1431 $\mu\text{mol}/\text{m}^2.\text{S}$
PPFD(60cm)	883 $\mu\text{mol}/\text{m}^2.\text{S}$
Max Coverage	4*4ft/1*1m
Core Coverage	2*2ft/0.6*0.6m
Color Rendering Index	PF > 0.8
Waterproof	IP65
Life Span	50000
Warranty	3 Year

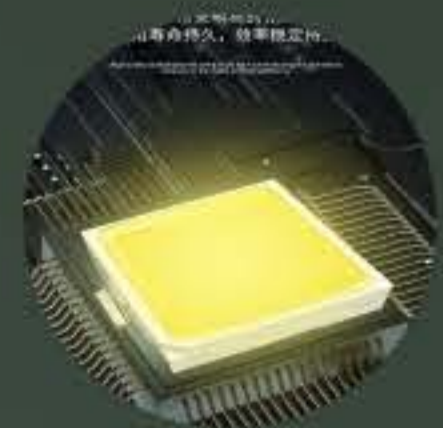
LOG-MINI-320W-6BAR PPFD DATA



3x3FT (1mx1m Tent)



Not Use CO2 At Height of 12" (30cm)



Samsung LM281B



Dimming



Heat Dissipation



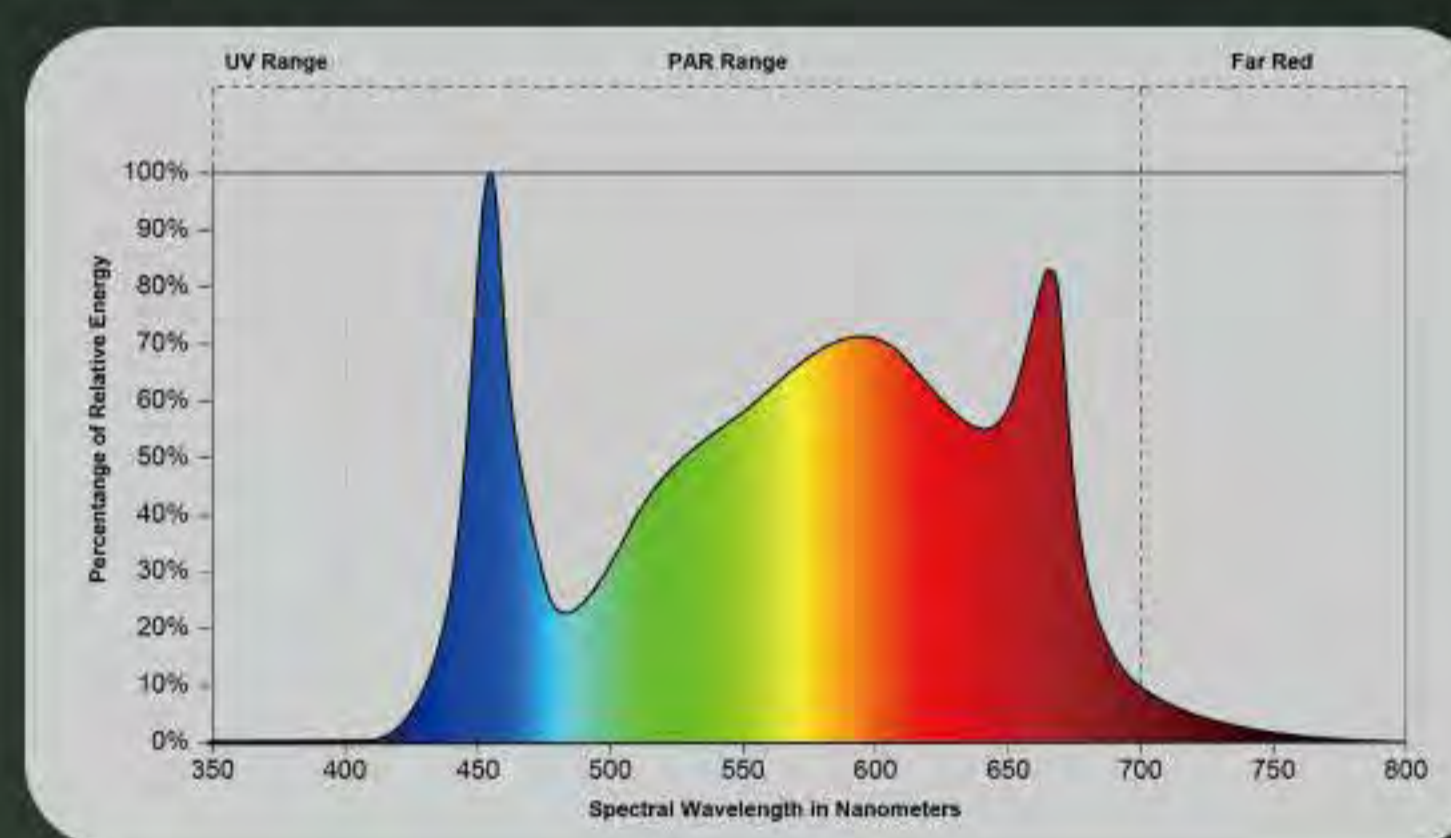
Waterproof

LOG-650W-8BAR

LIGHT OF GROWTH



-  **Warm White Light(3000K)**
Boost Flowering
-  **White Light(4000K)**
Promote Germination
-  **Rich Red Light(660nm)**
Yield More Buds & Crops





2.6 PPE: $\mu\text{mol}/\text{J}$


4*4 perfect for: FT


2.5 Max-Yield: g/w

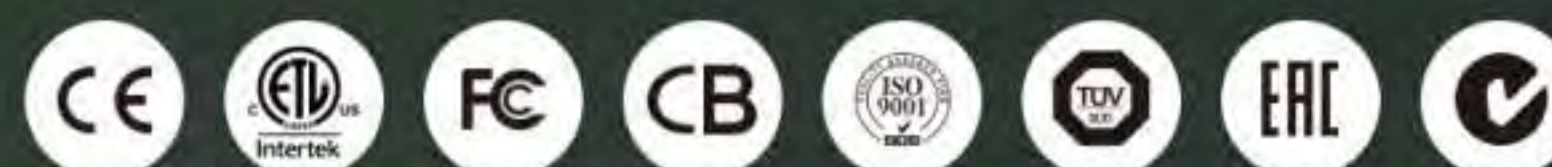
1690 PPF: $\mu\text{mol}/\text{s}$

 2304 Pcs Samsung LM281B

 Heat Dissipation 8-Bar

 Dimming Daisy Chain

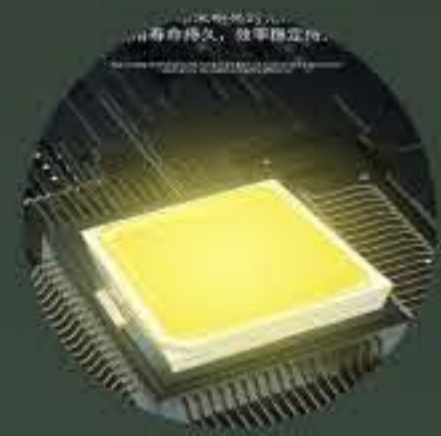
 Uniform Lighting



Length	Width	Height	Weight
1060mm	1060mm	32mm	11kg

Input Power	650W
Input Voltage	AC180-277V/50/60Hz
AMPS	2.9A@220V(TH) 5.4A@120V 2.7A@240V 2.3A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM281B
Spectrum	Default:3000K+4000K+660nm *Can be customized.
Spectrum Type	Full Spectrum
Diodes	2304
Heat sink	AL-6063
Max-Yield(Estimated)	2.5g/w
PPE	2.6 $\mu\text{mol}/\text{J}$
PPF	1690 $\mu\text{mol}/\text{s}$
PPFD(40cm)	1269 $\mu\text{mol}/\text{m}^2.\text{s}$
PPFD(60cm)	867 $\mu\text{mol}/\text{m}^2.\text{s}$
Max Coverage	5*5ft/1.5*1.5m
Core Coverage	4*4ft/1.2*1.2m
Color Rendering Index	PF>0.9
Waterproof	IP65
Life Span	50000
Warranty	3 Year

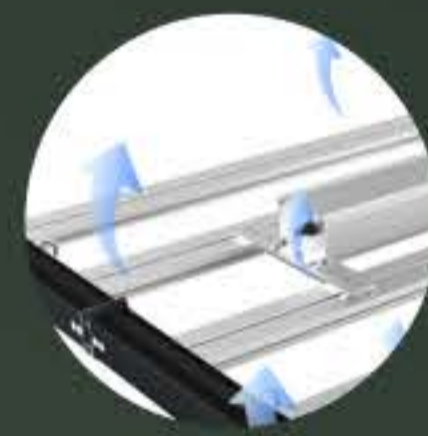
LOG-650W-8BAR PPF DATA



Samsung LM281B



Dimming

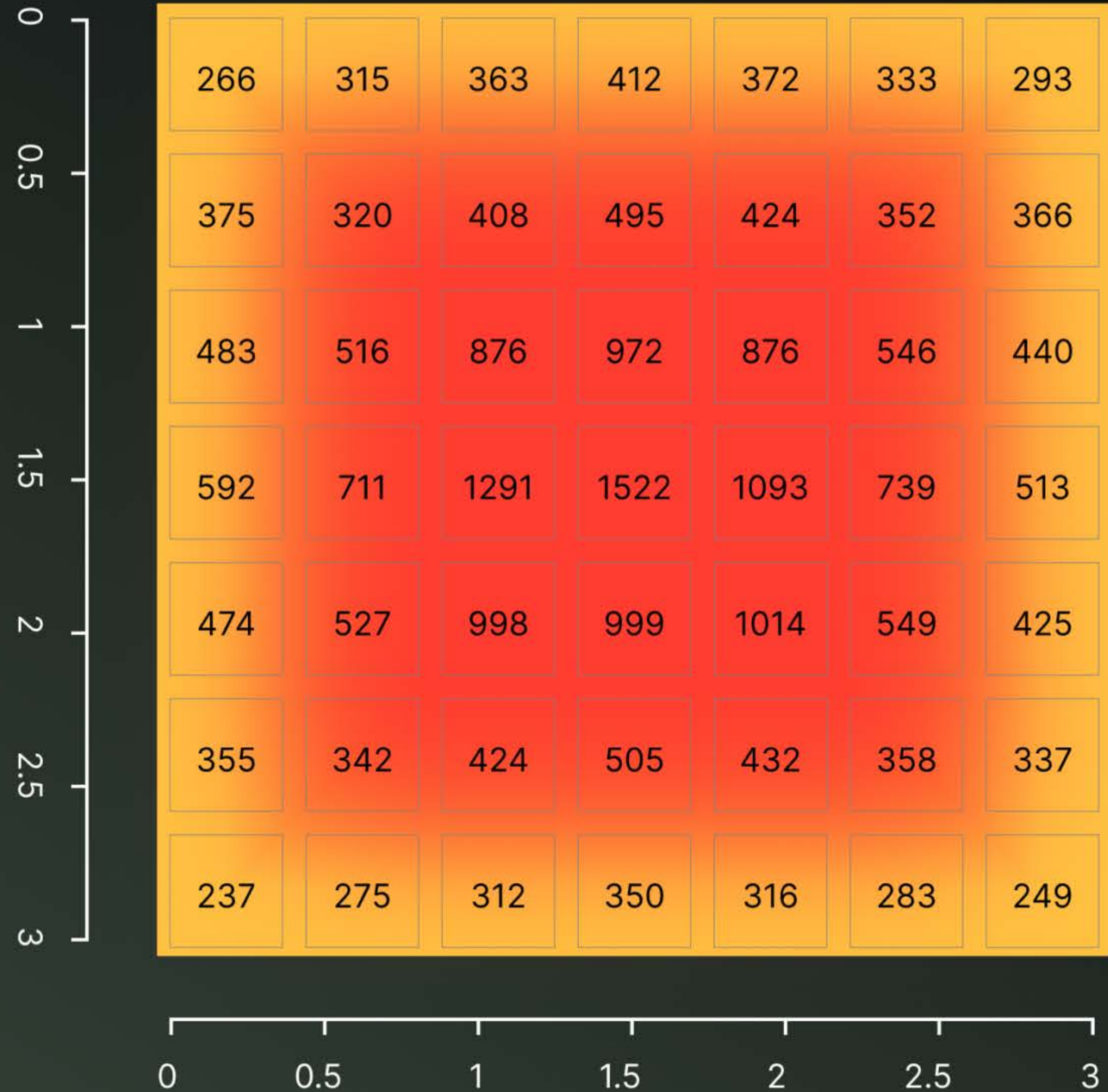


Heat Dissipation



Waterproof

3x3FT (1mx1m Tent)



Not Use CO2 At Height of 12" (30cm)

LOG-700W-8BAR

LIGHT OF GROWTH



2.6 PPE: $\mu\text{mol}/\text{J}$

4*4 perfect for: FT

2.5 Max-Yield: g/w

1820 PPF: $\mu\text{mol}/\text{s}$

1664 Pcs Samsung LM281B

Heat Dissipation 8-Bar

Dimming Daisy Chain

Uniform Lighting

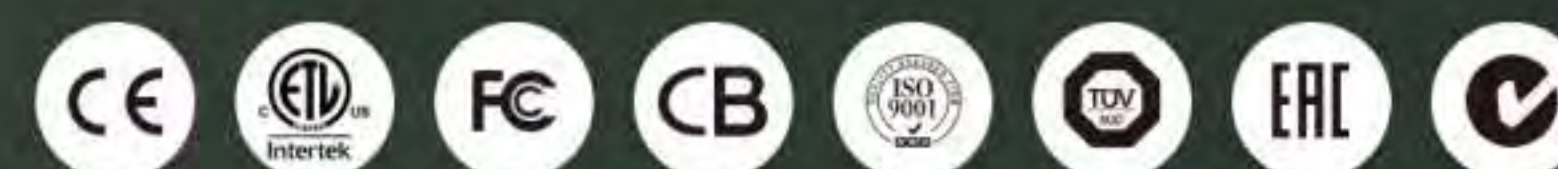
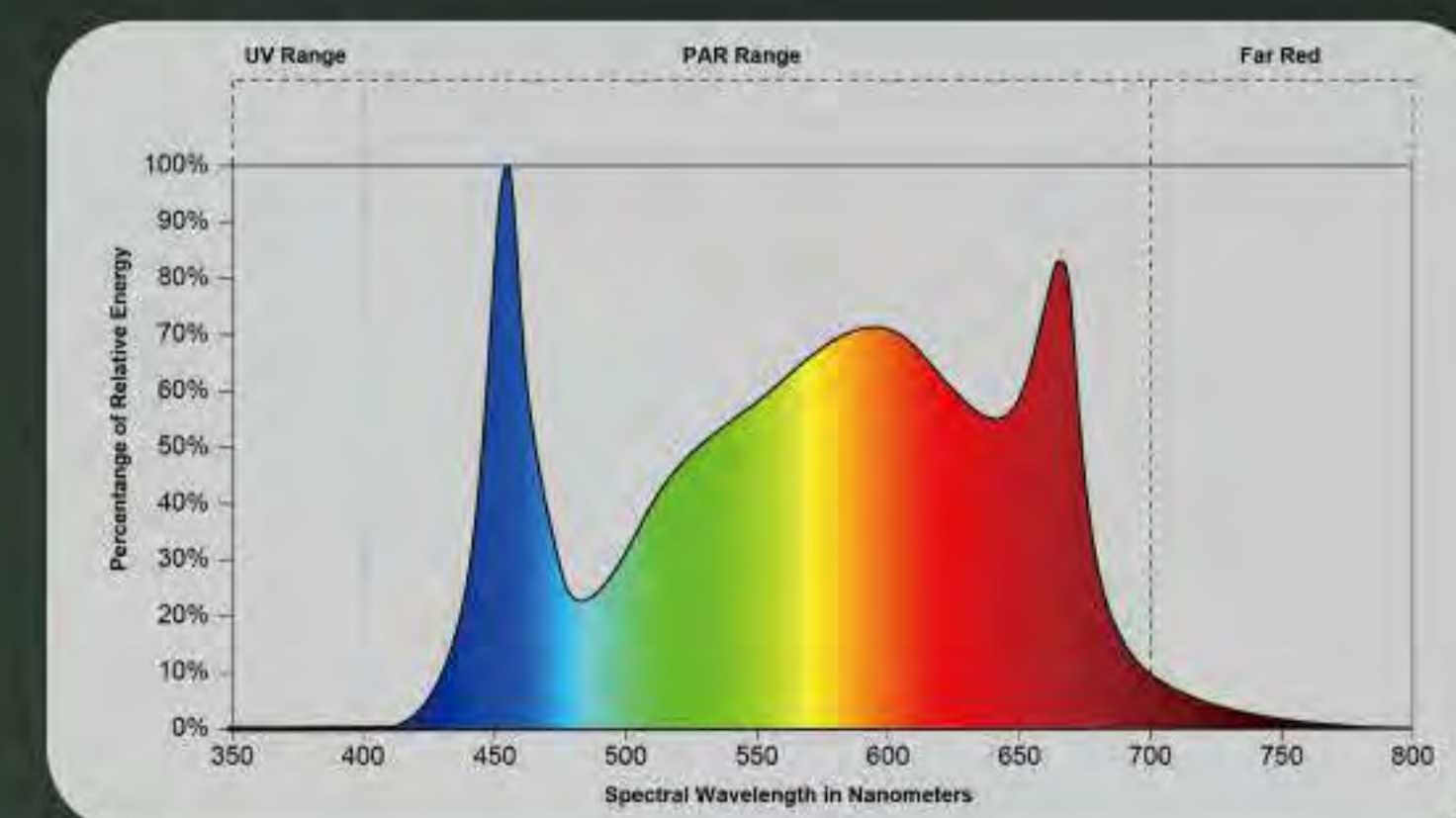
Warm White Light(3000K)
Boost Flowering

White Light(4000K)
Promote Germination

Rich Red Light(660nm)
Yield More Buds & Crops

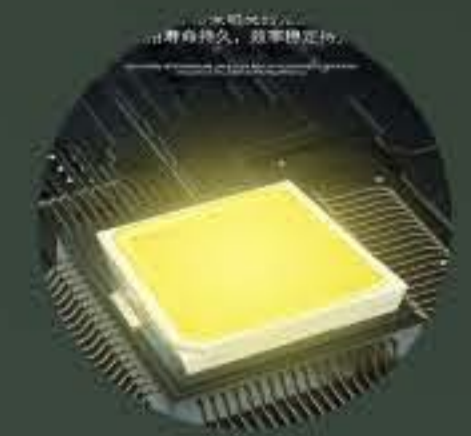
IR Light(730nm)
Boost Boost Yields

UV Light(395nm)
Higher Flower Quality



Length	Width	Height	Weight
1060mm	1060mm	32mm	11kg
Input Power	700W		
Input Voltage	AC180-277V/50/60Hz		
AMPS	3.2A@220V(TH) 5.8A@120V 2.9A@240V 2.5A@277V		
Dimming	RJ45 Dimmer		
Chip Brand	Default: Samsung LM281B		
Spectrum	Default:3000K+5000K+660nm +730nm+395nm <small>*Can be customized.</small>		
Spectrum Type	Full Spectrum		
Diodes	1664		
Heat sink	AL-6063		
Max-Yield(Estimated)	2.5g/w		
PPE	2.6 $\mu\text{mol}/\text{J}$		
PPF	1820 $\mu\text{mol}/\text{s}$		
PPFD(40cm)	1056 $\mu\text{mol}/\text{m}^2.\text{s}$		
PPFD(60cm)	866 $\mu\text{mol}/\text{m}^2.\text{s}$		
Max Coverage	5*5ft/1.5*1.5m		
Core Coverage	4*4ft/1.2*1.2m		
Color Rendering Index	PF>0.9		
Waterproof	IP65		
Life Span	50000		
Warranty	3 Year		

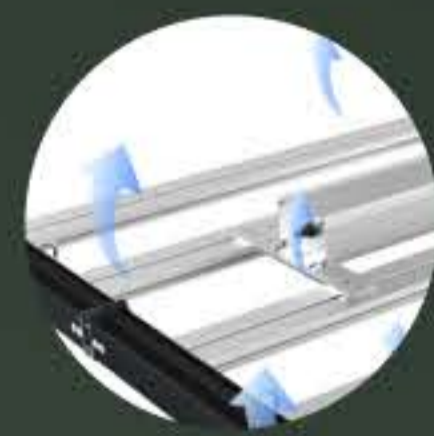
LOG-700W-8BAR PPF DATA



Samsung LM281B



Dimming



Heat Dissipation



Waterproof

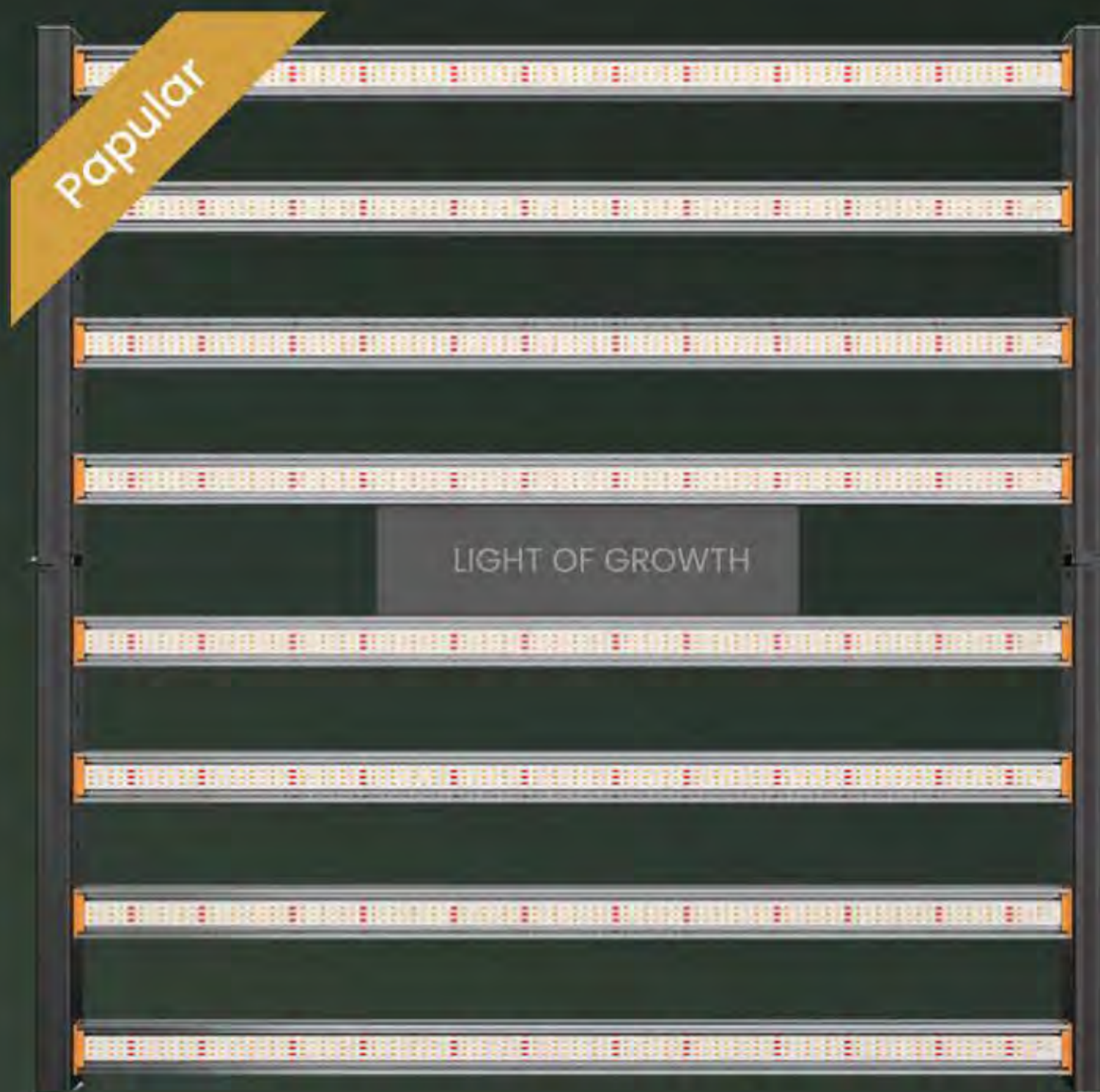
3x3FT (1m x 1m Tent)



Not Use CO2 At Height of 12" (30cm)

LOG-800W-8BAR

LIGHT OF GROWTH



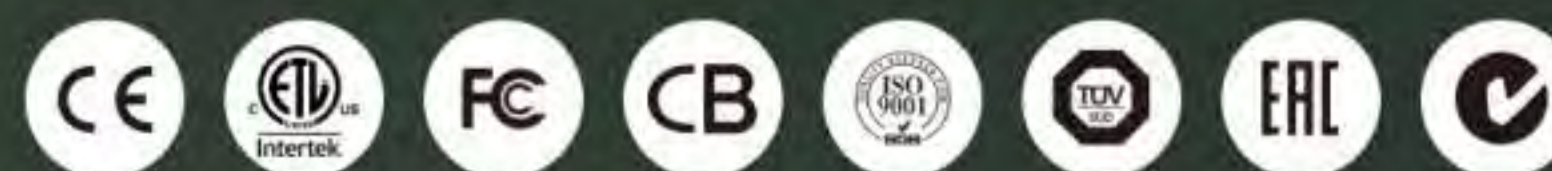
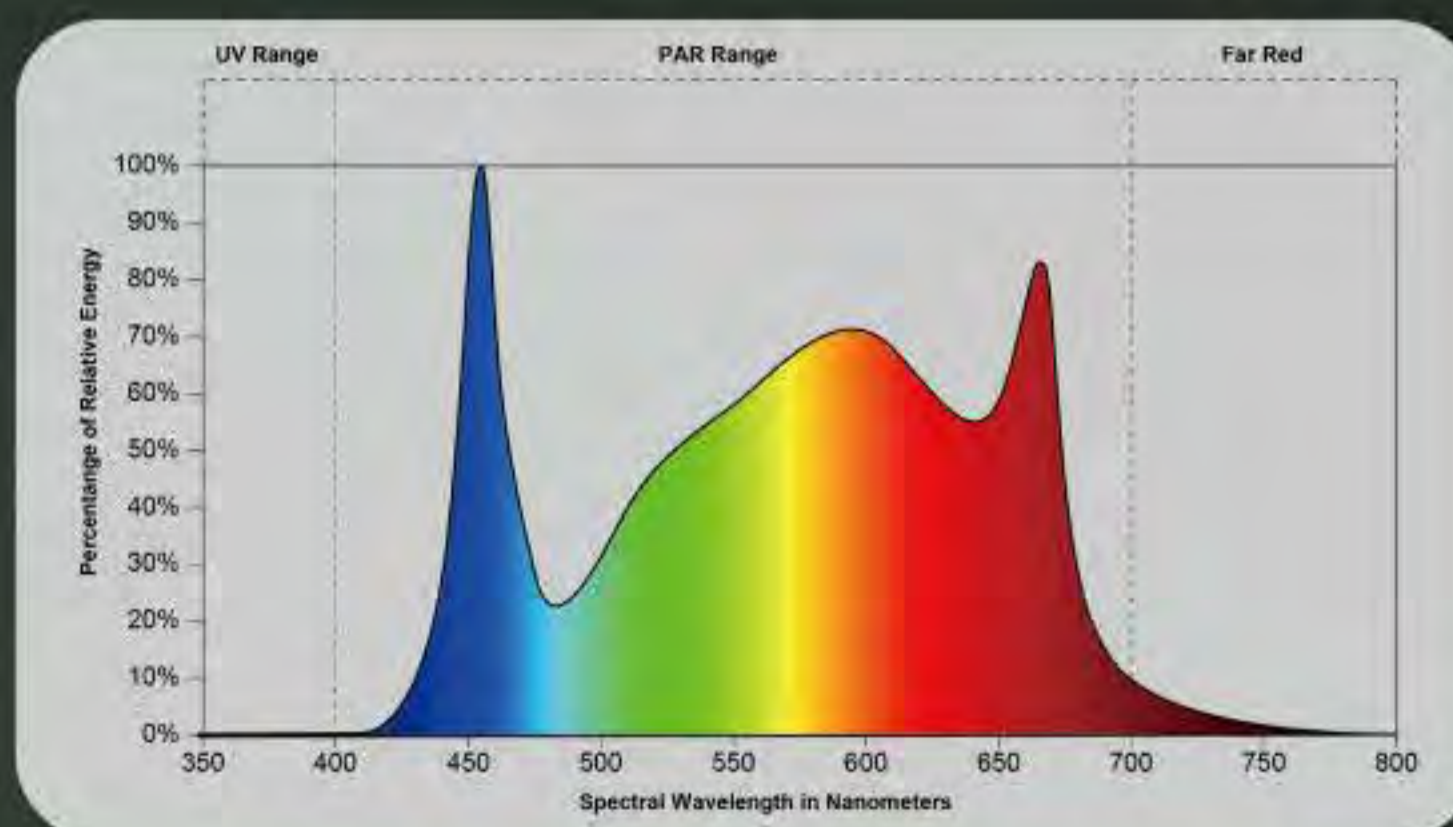
 Warm White Light(3000K)
Boost Flowering

 White Light(4000K)
Promote Germination

 Rich Red Light(660nm)
Yield More Buds & Crops

 IR Light(730nm)
Boost Boost Yields

 UV Light(395nm)
Higher Flower Quality



Length	Width	Height	Weight
1060mm	1060mm	32mm	13.5kg


Input Power	800W
Input Voltage	AC180-277V/50/60Hz
AMPS	3.6A@220V(TH) 6.7A@120V 3.3A@240V 2.9A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM281B
Spectrum	Default:3000K+5000K+660nm +730nm+395nm <small>*Can be customized.</small>
Spectrum Type	Full Spectrum
Diodes	2736
Heat sink	Al-6063
Max-Yield(Estimated)	2.5g/w
PPE	2.7μmol/J
PPF	2180μmol/s
PPFD(40cm)	1256μmol/m ² .S
PPFD(60cm)	1102μmol/m ² .S
Max Coverage	5*5ft/1.5*1.5m
Core Coverage	4*4ft/1.2*1.2m
Color Rendering Index	PF>0.9
Waterproof	IP65
Life Span	50000
Warranty	3 Year


2.7 ^{PPE:} μmol/J


4*4 ^{perfect for:} FT


2.5 ^{Max-Yield:} g/w

2180 ^{PPF:} μmol/s

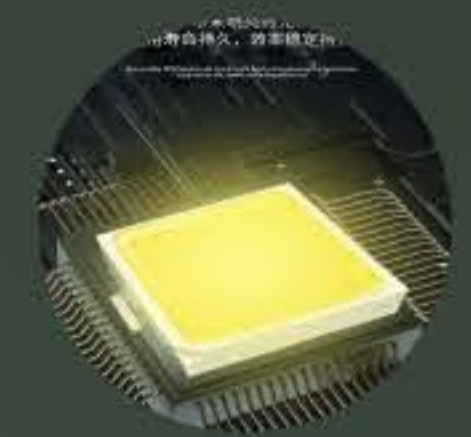
 2736 Pcs Samsung LM281B

 Heat Dissipation 8-Bar

 Dimming Daisy Chain

 Uniform Lighting

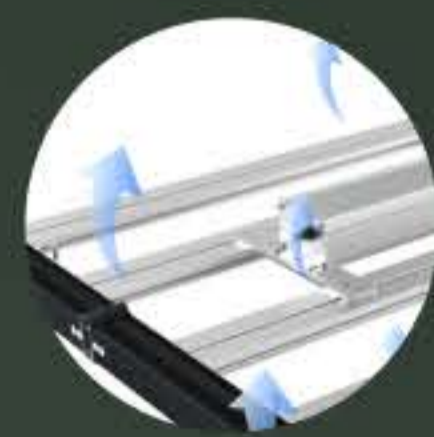
LOG-800W-8BAR PPF DATA



Samsung LM281B



Dimming

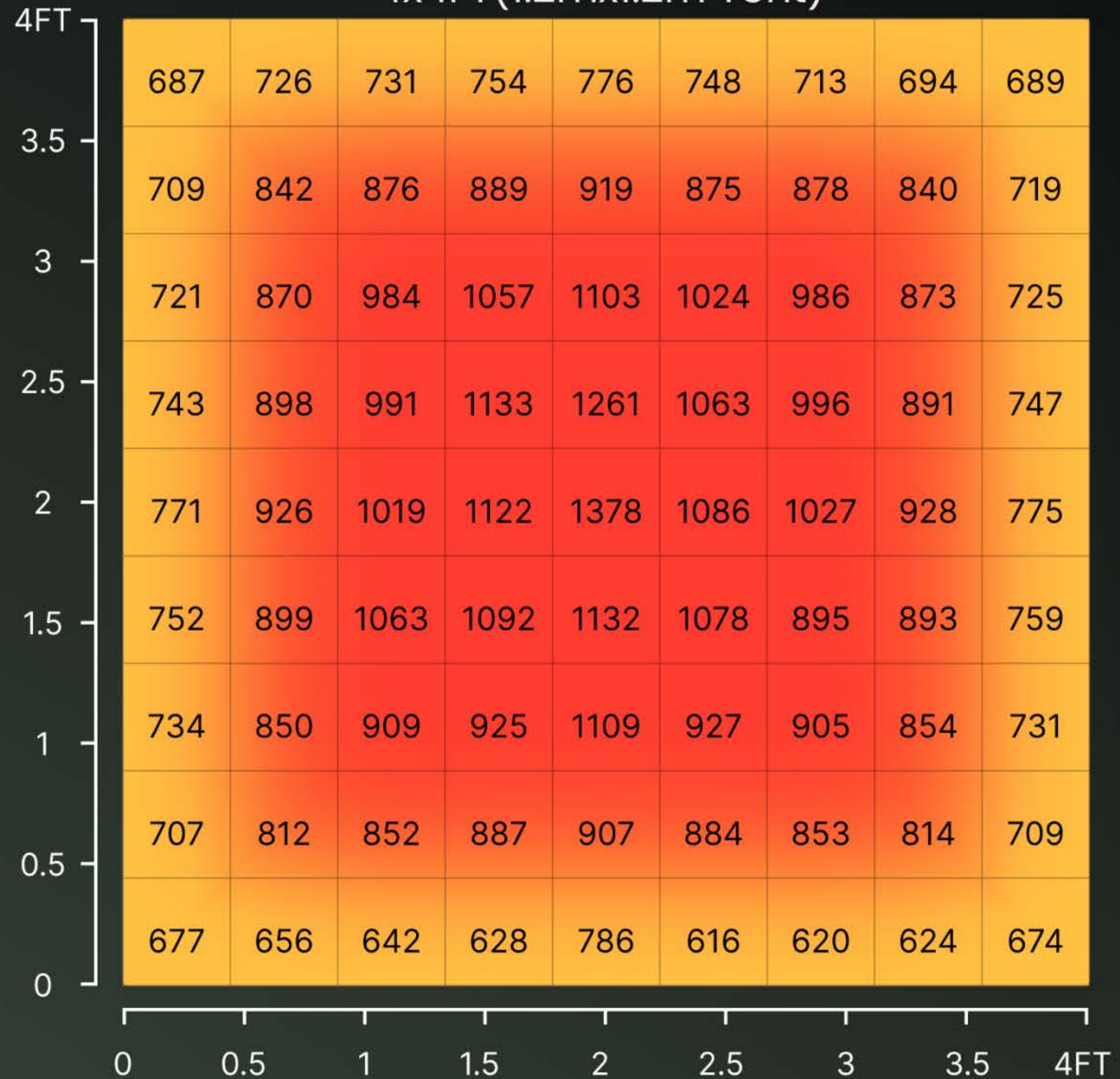


Heat Dissipation



Waterproof

4x4FT (1.2mx1.2m Tent)



Not Use CO2 At Height of 12" (30cm)

LOG-800W-8BAR-MAX

LIGHT OF GROWTH



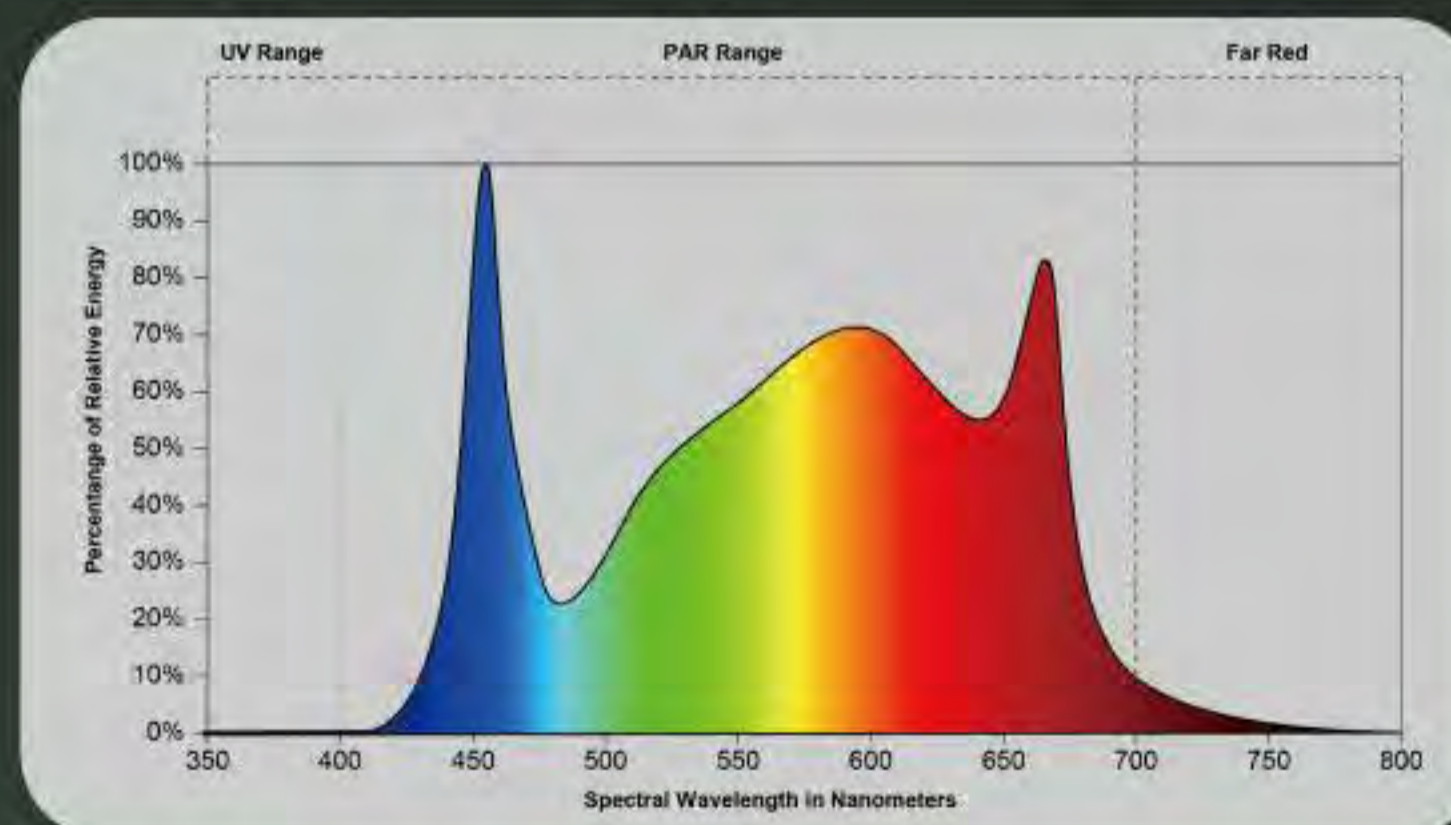
Warm White Light(3000K)
Boost Flowering

White Light(4000K)
Promote Germination

Rich Red Light(660nm)
Yield More Buds & Crops

IR Light(730nm)
Boost Boost Yields

UV Light(395nm)
Higher Flower Quality



2.9 PPE: $\mu\text{mol}/\text{J}$

4*4 perfect for: FT

2.7 Max-Yield: g/w

2260 PPF: $\mu\text{mol}/\text{s}$

2736 Pcs Samsung LM301B

Heat Dissipation 8-Bar

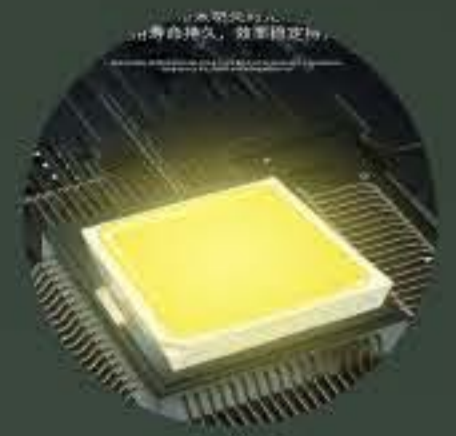
Dimming Daisy Chain

Uniform Lighting

Length	Width	Height	Weight
1060mm	1060mm	32mm	13.5kg

Input Power	800W
Input Voltage	AC180-277V/50/60Hz
AMPS	3.6A@220V(TH) 6.7A@120V 3.3A@240V 2.9A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM301B
Spectrum	Default:3000K+5000K+660nm +730nm+395nm *Can be customized.
Spectrum Type	Full Spectrum
Diodes	2736
Heat sink	Al-6063
Max-Yield(Estimated)	2.7g/w
PPE	2.9 $\mu\text{mol}/\text{J}$
PPF	2260 $\mu\text{mol}/\text{s}$
PPFD(40cm)	1206 $\mu\text{mol}/\text{m}^2.\text{s}$
PPFD(60cm)	1088 $\mu\text{mol}/\text{m}^2.\text{s}$
Max Coverage	5*5ft/1.5*1.5m
Core Coverage	4*4ft/1.2*1.2m
Color Rendering Index	PF>0.9
Waterproof	IP65
Life Span	50000
Warranty	3 Year

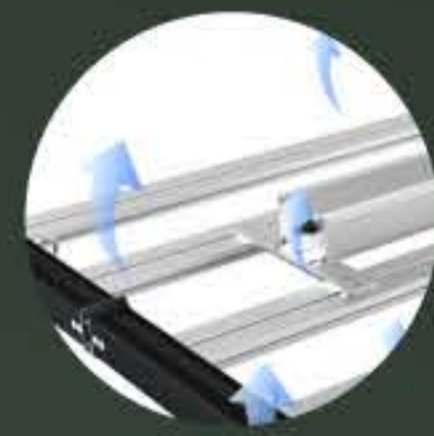
LOG-800W-8BAR-MAX PPFD DATA



Samsung LM301B



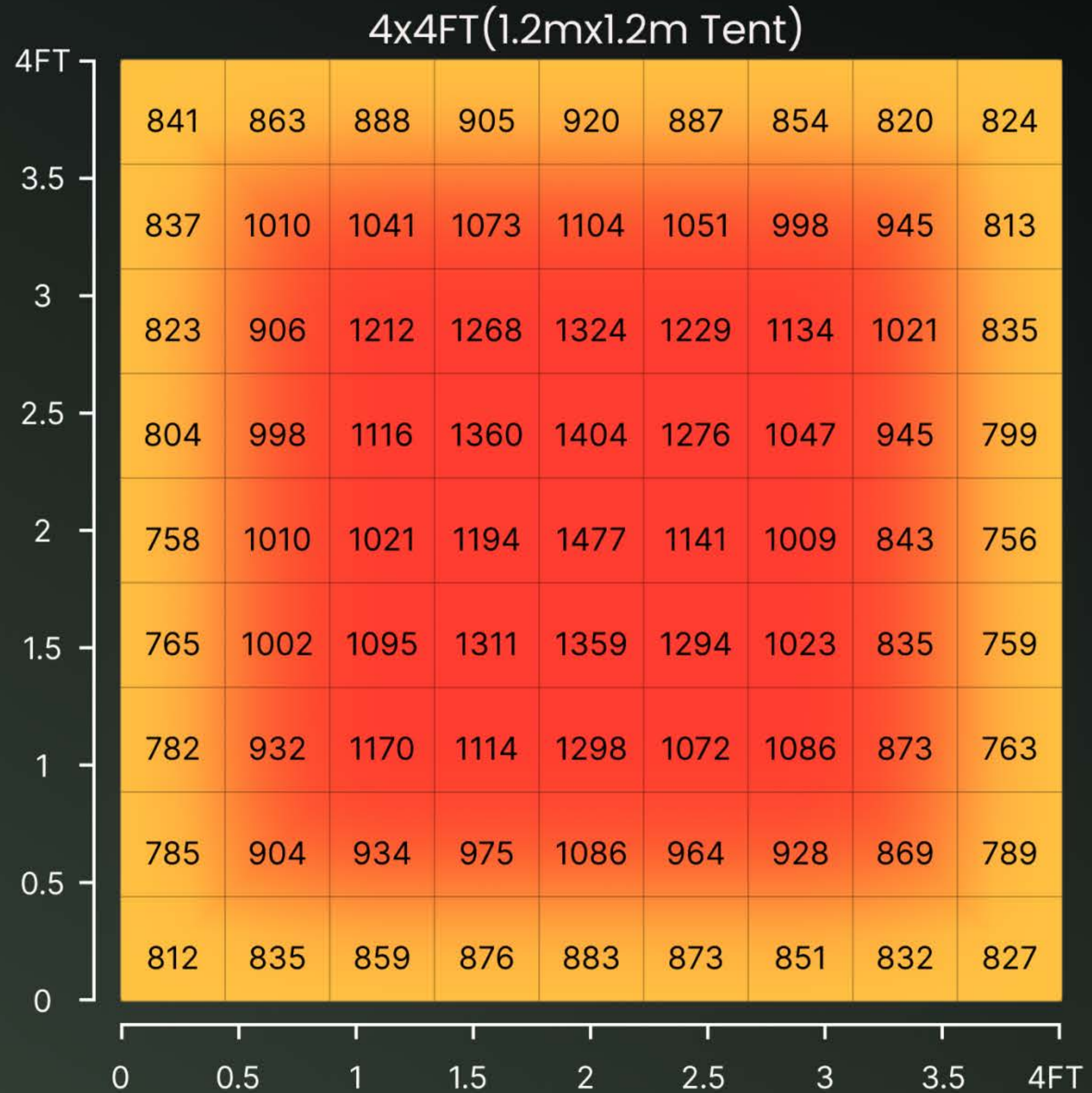
Dimming



Heat Dissipation



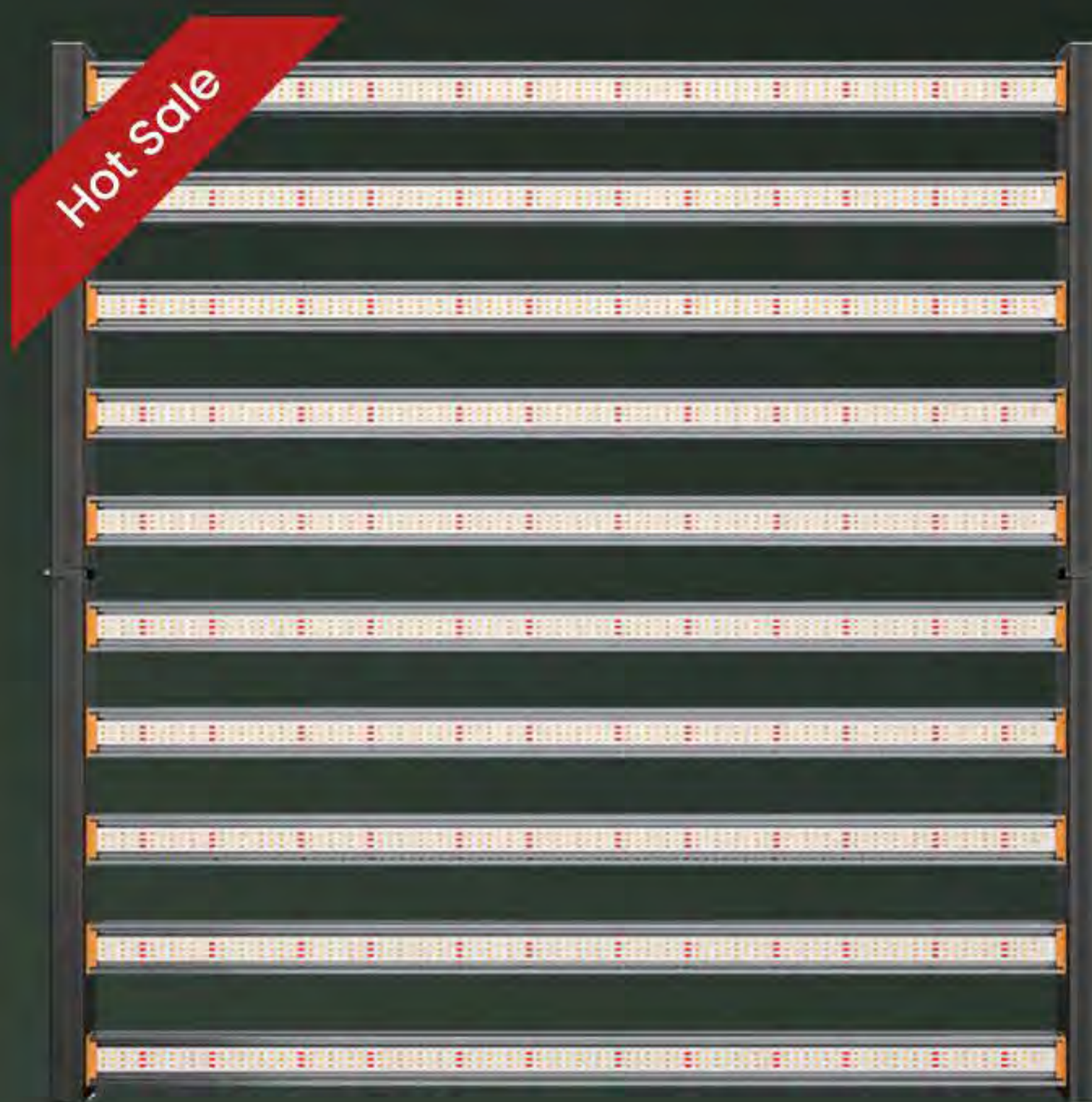
Waterproof



Not Use CO2 At Height of 12" (30cm)

LOG-1000W-10BAR

LIGHT OF GROWTH



Warm White Light(3000K)
Boost Flowering

White Light(4000K)
Promote Germination

Rich Red Light(660nm)
Yield More Buds & Crops

IR Light(730nm)
Boost Boost Yields

UV Light(395nm)
Higher Flower Quality

2.7 PPE: $\mu\text{mol}/\text{J}$

4*4 perfect for: FT

2.5 Max-Yield: g/w

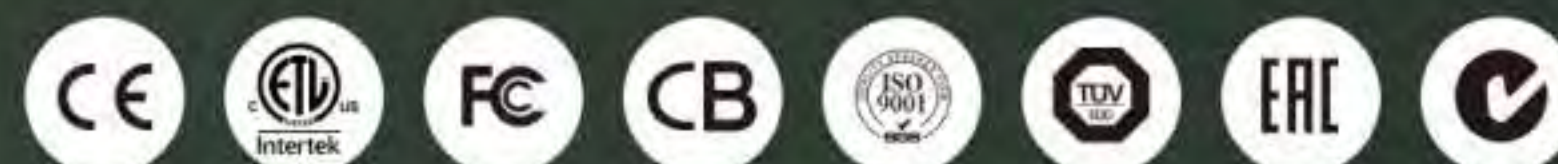
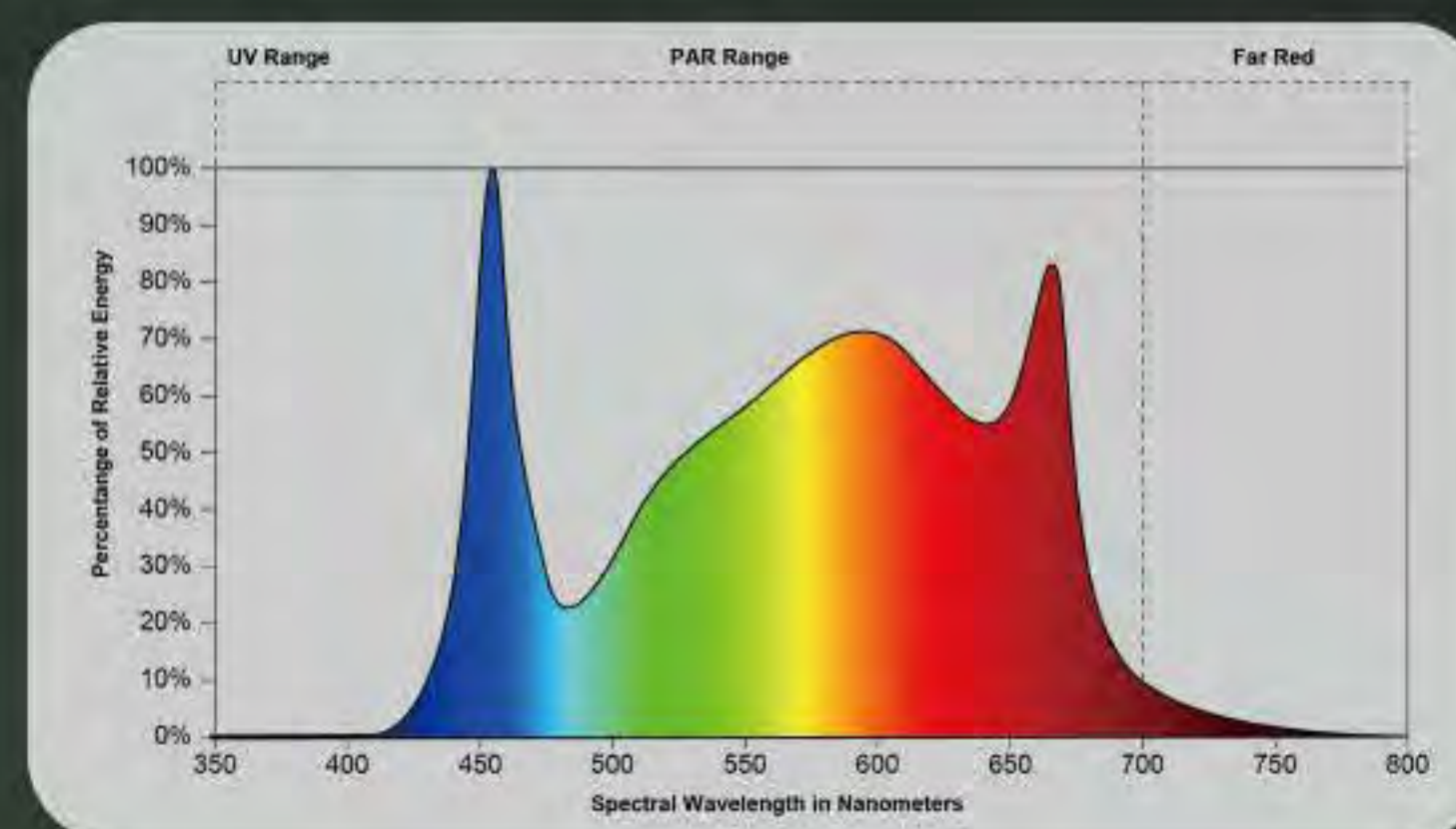
2700 PPF: $\mu\text{mol}/\text{s}$

3420 Pcs Samsung LM281B

Heat Dissipation 10-Bar

Dimming Daisy Chain

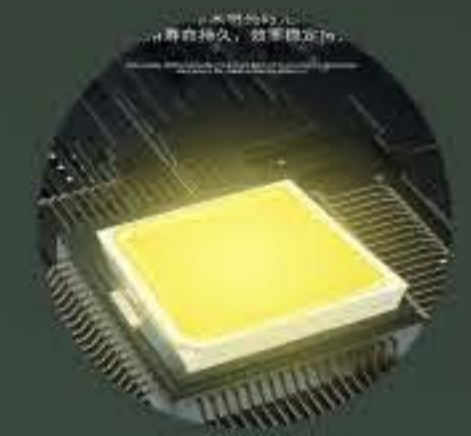
Uniform Lighting



Length	Width	Height	Weight
1060mm	1060mm	32mm	13.5kg

Input Power	1000W
Input Voltage	AC180-277V/50/60Hz
AMPS	4.5A@220V(TH) 8.3A@120V 4.2A@240V 3.6A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM281B
Spectrum	Default:3000K+5000K+660nm +730nm+395nm *Can be customized.
Spectrum Type	Full Spectrum
Diodes	3420
Heat sink	Al-6063
Max-Yield(Estimated)	2.5g/w
PPE	2.7 $\mu\text{mol}/\text{J}$
PPF	2700 $\mu\text{mol}/\text{s}$
PPFD(40cm)	1720 $\mu\text{mol}/\text{m}^2\cdot\text{s}$
PPFD(60cm)	1260 $\mu\text{mol}/\text{m}^2\cdot\text{s}$
Max Coverage	5*5ft/1.5*1.5m
Core Coverage	4*4ft/1.2*1.2m
Color Rendering Index	PF>0.9
Waterproof	IP65
Life Span	50000
Warranty	3 Year

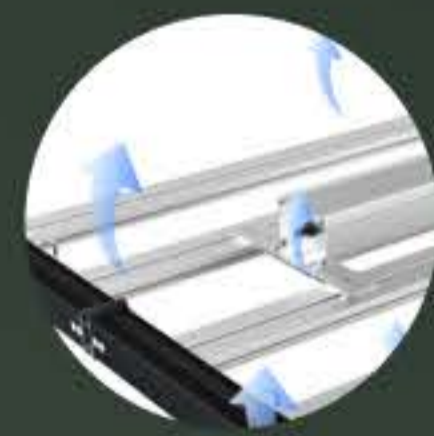
LOG-1000W-10BAR PPF DATA



Samsung LM281B



Dimming

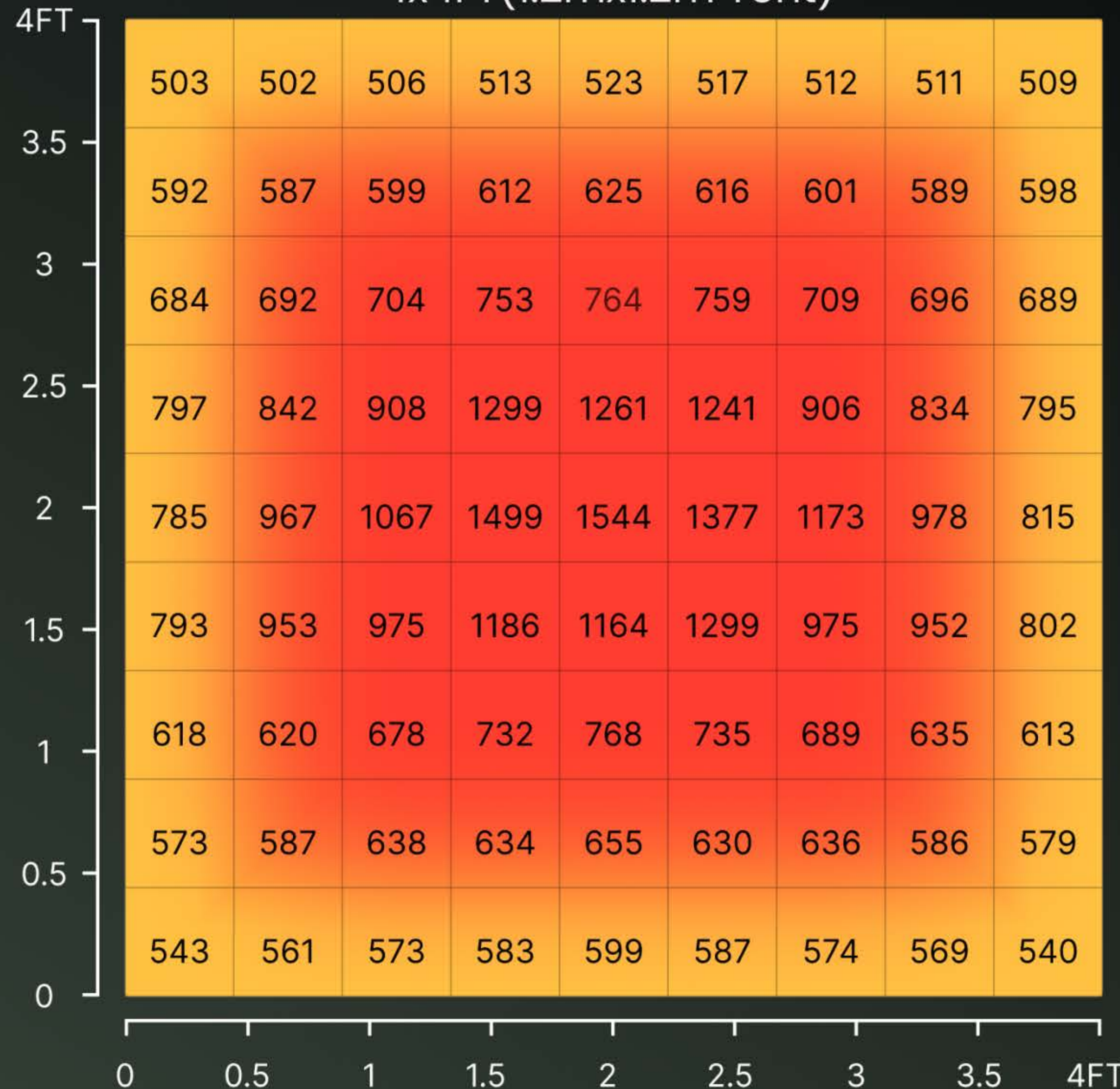


Heat Dissipation



Waterproof

4x4FT (1.2mx1.2m Tent)



Not Use CO2 At Height of 12" (30cm)

LOG-1000W-10BAR-MAX

LIGHT OF GROWTH



Warm White Light (3000K)
Boost Flowering

White Light (4000K)
Promote Germination

Rich Red Light (660nm)
Yield More Buds & Crops

IR Light (730nm)
Boost Boost Yields

UV Light (395nm)
Higher Flower Quality

2.9 PPE: $\mu\text{mol}/\text{J}$

4*4 perfect for: FT

2.7 Max-Yield: g/w

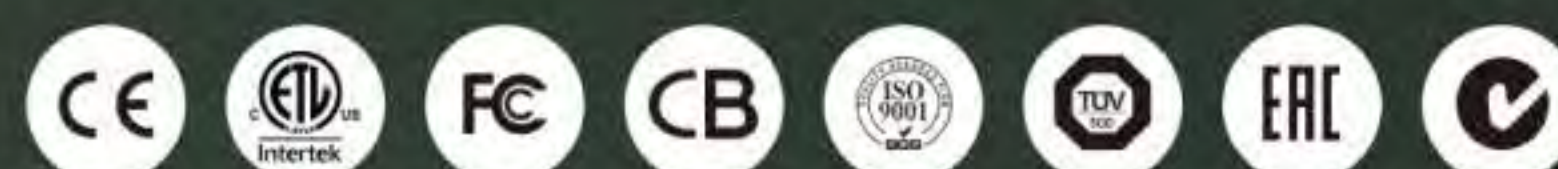
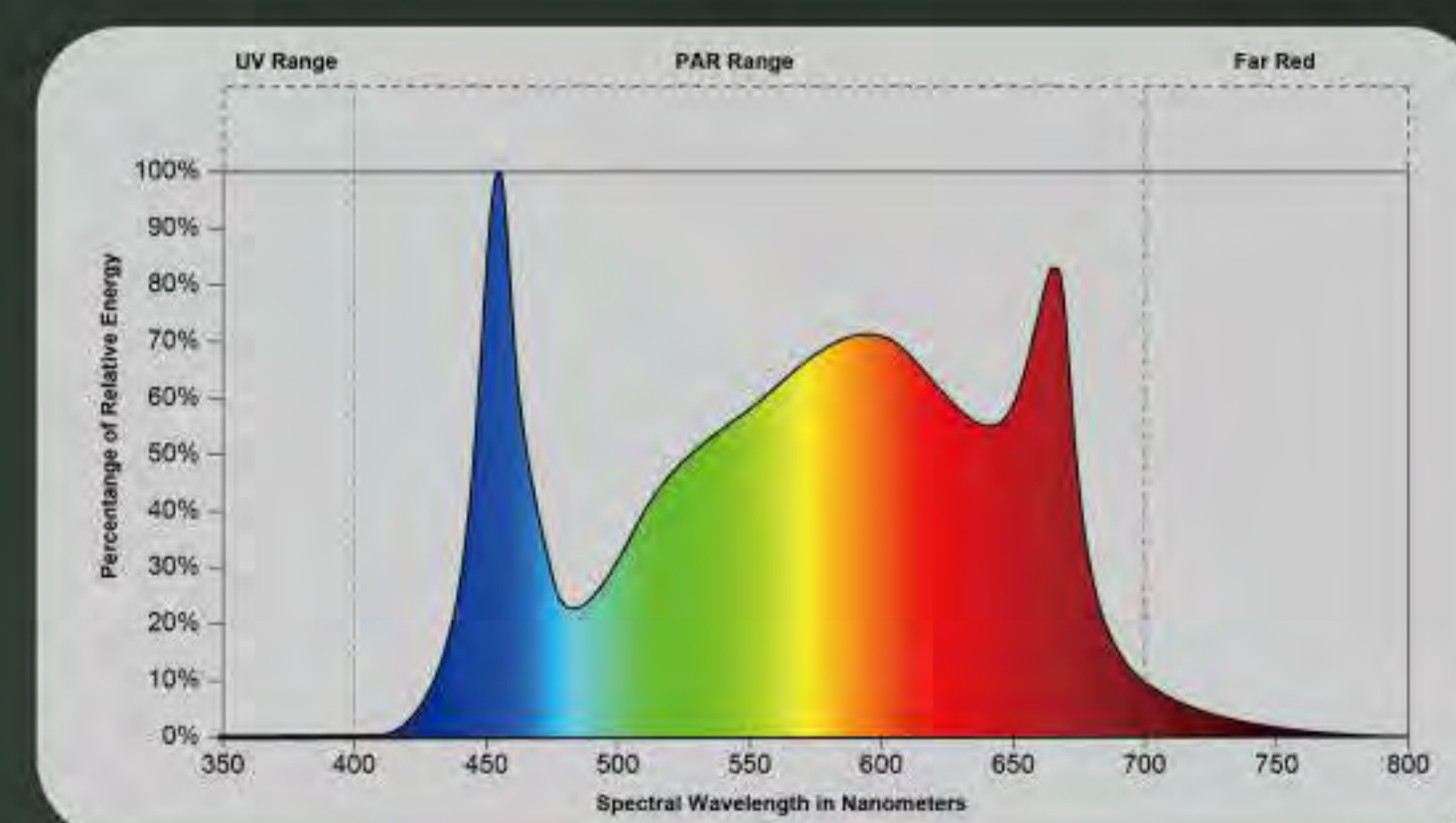
2850 PPF: $\mu\text{mol}/\text{s}$

3420 Pcs Samsung LM301B

Heat Dissipation 10-Bar

Dimming Daisy Chain

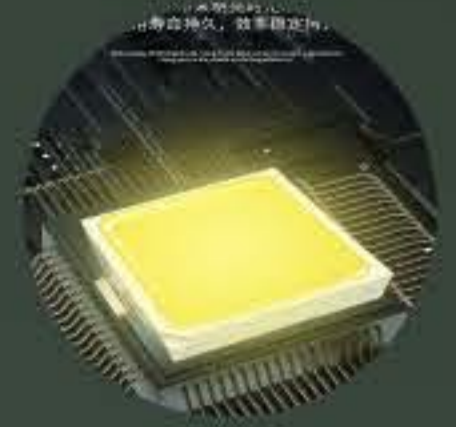
Uniform Lighting



Length	Width	Height	Weight
1060mm	1060mm	32mm	13.5kg

Input Power	1000W
Input Voltage	AC180-277V/50/60Hz
AMPS	4.5A@220V(TH) 8.3A@120V 4.2A@240V 3.6A@277V
Dimming	RJ45 Dimmer
Chip Brand	Default: Samsung LM301B
Spectrum	Default:3000K+5000K+660nm +730nm+395nm *Can be customized.
Spectrum Type	Full Spectrum
Diodes	3420
Heat sink	Al-6063
Max-Yield(Estimated)	2.7g/w
PPE	2.9 $\mu\text{mol}/\text{J}$
PPF	2850 $\mu\text{mol}/\text{s}$
PPFD(40cm)	1770 $\mu\text{mol}/\text{m}^2.\text{s}$
PPFD(60cm)	1298 $\mu\text{mol}/\text{m}^2.\text{s}$
Max Coverage	5*5ft/1.5*1.5m
Core Coverage	4*4ft/1.2*1.2m
Color Rendering Index	PF>0.9
Waterproof	IP65
Life Span	50000
Warranty	3 Year

LOG-1000W-10BAR-MAX PPFD DATA



Samsung LM301B



Dimming

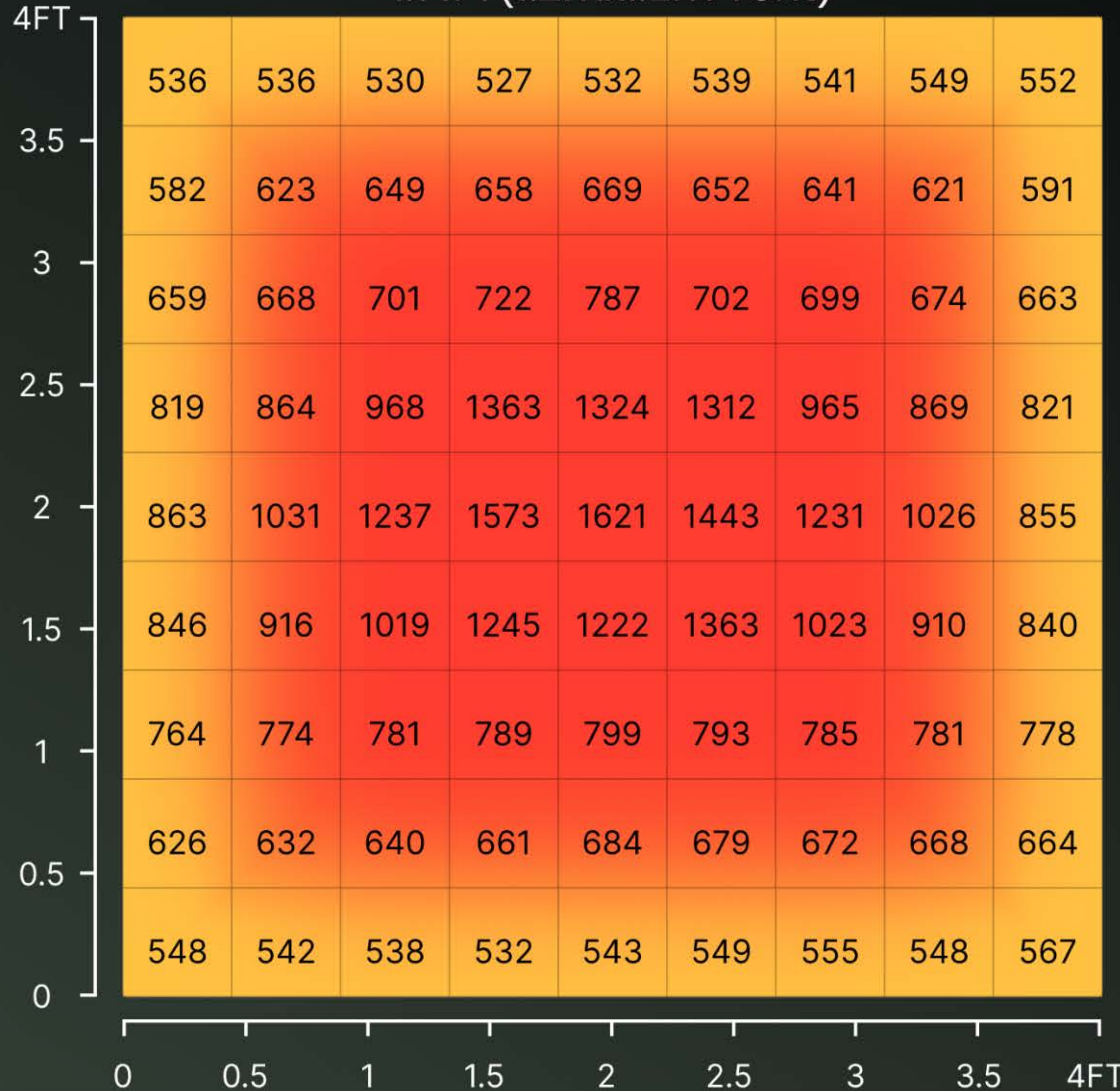


Heat Dissipation



Waterproof

4x4FT (1.2mx1.2m Tent)




Not Use CO2 At Height of 12" (30cm)

01 Grow Light Introduction – Basic Knowledge

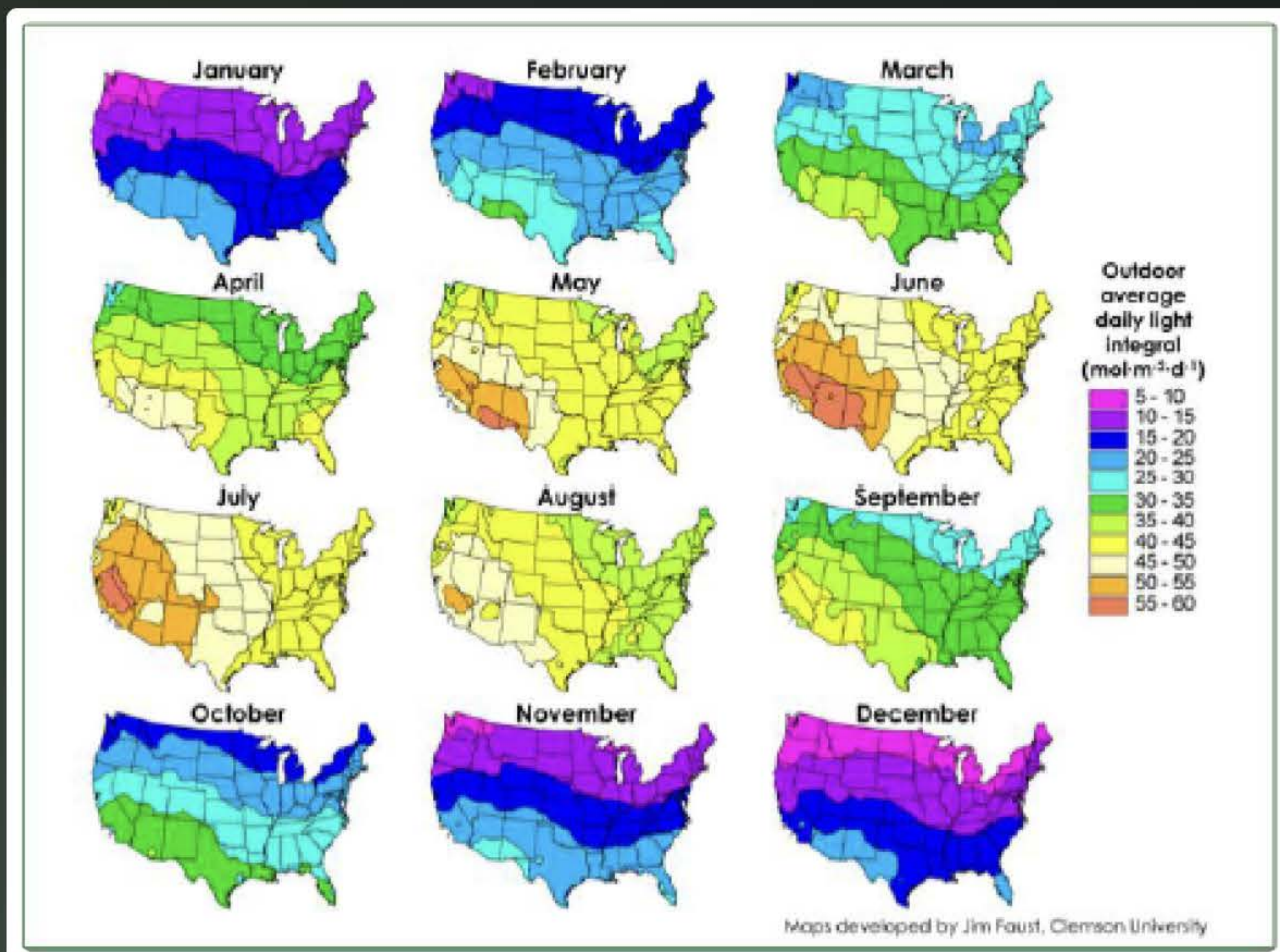
- PAR – Photosynthetic Active Radiation
- PBAR – Plant Biologically Active Radiation
- PPF – Photosynthetic Photon Flux
- PPE – Photosynthetic Photon Efficacy
- PPFD – Photosynthetic Photon Flux Density
- DLI – Daily Light Integral

Plant Type	Target PPFD($\mu\text{mol}/\text{m}^2/\text{s}$)	Hours/Day	Avg. DLI ($\text{mol}/\text{m}^2/\text{day}$)
Seedlings/Cuttings	50-100	18	3-6
Microgreens	100-200	18	6-12
Leafy Greens	200-250	18	12-16
Vegetative Growth	250-450	18	16-26
Flowers/Fruits	250-500	18	16-32
Cannabis Flower	500-1000+	12	22-43



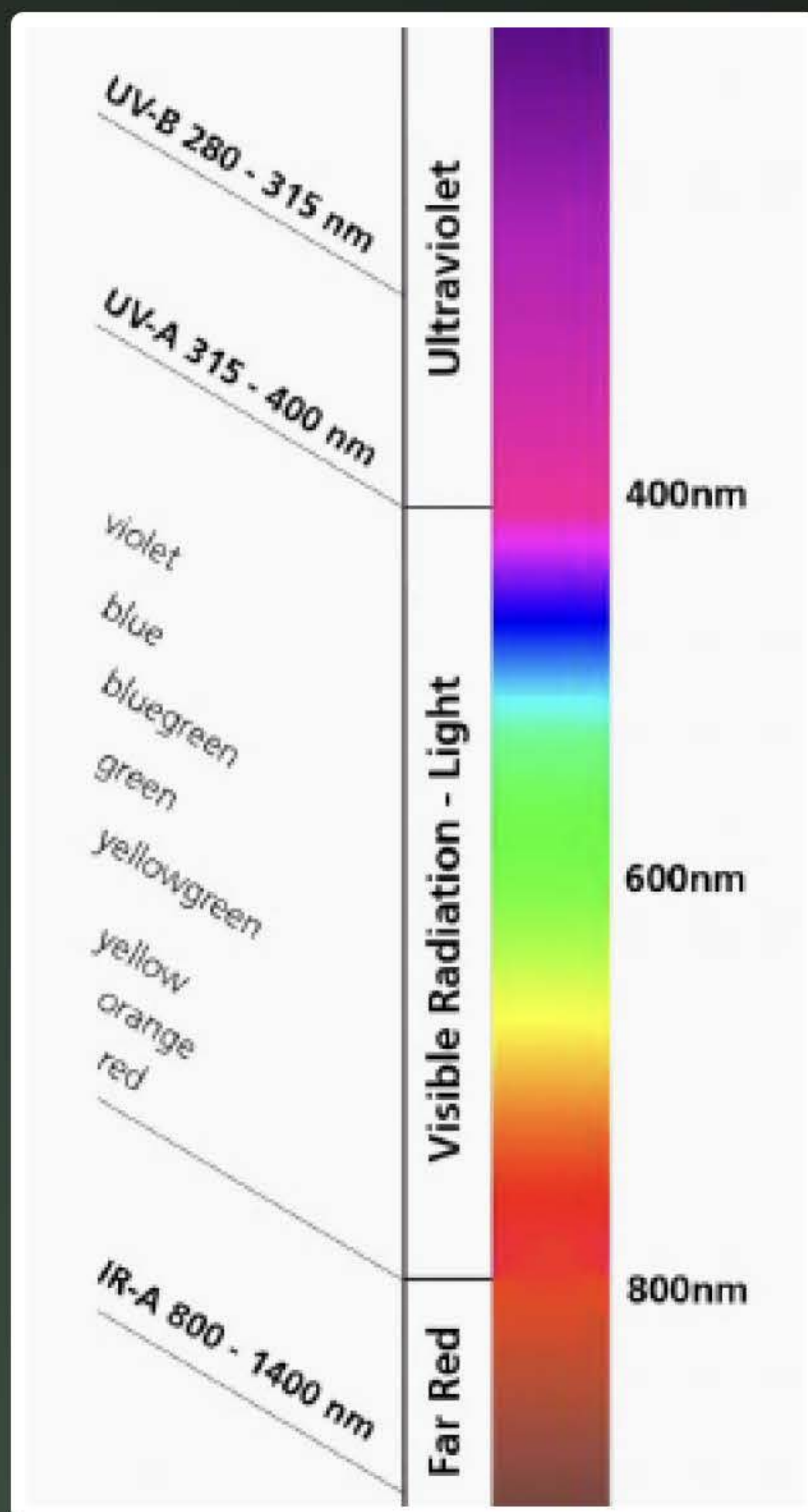
$$40\text{mol}/\text{m}^2/\text{day} = \frac{40\text{mol}}{\text{m}^2 \times 3600 \times 12} = \frac{40 \times 10^6 \mu\text{mol}}{\text{m}^2 \times 3600 \times 12} \approx 1000 \mu\text{mol}/\text{m}^2/\text{s}$$

*Source: <https://www.activegrowled.com/horticulture-lighting-terms/>



PPFD		1	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	
Hours	DLI																					
1	0,0036	0,4	0,5	0,7	0,9	1,1	1,3	1,4	1,6	1,8	2,0	2,2	2,3	2,5	2,7	2,9	3,1	3,2	3,4	3,6		
2	0,0072	0,7	1,1	1,4	1,8	2,2	2,5	2,9	3,2	3,6	4,0	4,3	4,7	5,0	5,4	5,8	6,1	6,5	6,8	7,2		
3	0,0108	1,1	1,6	2,2	2,7	3,2	3,8	4,3	4,9	5,4	5,9	6,5	7,0	7,6	8,1	8,6	9,2	9,7	10,3	10,8		
4	0,0144	1,4	2,2	2,9	3,6	4,3	5,0	5,8	6,5	7,2	7,9	8,6	9,4	10,1	10,8	11,5	12,2	13,0	13,7	14,4		
5	0,0180	1,8	2,7	3,6	4,5	5,4	6,3	7,2	8,1	9,0	9,9	10,8	11,7	12,6	13,5	14,4	15,3	16,2	17,1	18,0		
6	0,0216	2,2	3,2	4,3	5,4	6,5	7,6	8,6	9,7	10,8	11,9	13,0	14,0	15,1	16,2	17,3	18,4	19,4	20,5	21,6		
7	0,0252	2,5	3,8	5,0	6,3	7,6	8,8	10,1	11,3	12,6	13,9	15,1	16,4	17,6	18,9	20,2	21,4	22,7	23,9	25,2		
8	0,0288	2,9	4,3	5,8	7,2	8,6	10,1	11,5	13,0	14,4	15,8	17,3	18,7	20,2	21,6	23,0	24,5	25,9	27,4	28,8		
9	0,0324	3,2	4,9	6,5	8,1	9,7	11,3	13,0	14,6	16,2	17,8	19,4	21,1	22,7	24,3	25,9	27,5	29,2	30,8	32,4		
10	0,0360	3,6	5,4	7,2	9,0	10,8	12,6	14,4	16,2	18,0	19,8	21,6	23,4	25,2	27,0	28,8	30,6	32,4	34,2	36,0		
11	0,0396	4,0	5,9	7,9	9,9	11,9	13,9	15,8	17,8	19,8	21,8	23,8	25,7	27,7	29,7	31,7	33,7	35,6	37,6	39,6		
12	0,0432	4,3	6,5	8,6	10,8	13,0	15,1	17,3	19,4	21,6	23,8	25,9	28,1	30,2	32,4	34,6	36,7	38,9	41,0	43,2		
13	0,0468	4,7	7,0	9,4	11,7	14,0	16,4	18,7	21,1	23,4	25,7	28,1	30,4	32,8	35,1	37,4	39,8	42,1	44,5	46,8		
14	0,0504	5,0	7,6	10,1	12,6	15,1	17,6	20,2	22,7	25,2	27,7	30,2	32,6	35,3	37,6	40,3	42,6	45,4	47,8	50,4		
15	0,0540	5,4	8,1	10,8	13,5	16,2	18,9	21,6	24,3	27,0	29,7	32,4	35,1	37,8	40,5	43,2	45,9	48,6	51,3	54,0		
16	0,0576	5,8	8,6	11,5	14,4	17,3	20,2	23,0	25,8	28,8	31,7	34,6	37,4	40,3	43,2	46,1	49,0	51,8	54,7	57,6		
17	0,0612	6,1	9,2	12,2	15,3	18,4	21,4	24,5	27,5	30,6	33,7	36,7	39,6	42,6	45,6	48,6	51,6	54,5	57,5	60,4		
18	0,0648	6,5	9,7	13,0	16,2	19,4	22,7	25,9	29,2	32,4	35,6	38,9	42,1	45,4	48,6	51,8	55,1	58,3	61,6	64,8		
19	0,0684	6,8	10,3	13,7	17,1	20,5	23,9	27,4	30,8	34,2	37,6	41,0	44,5	47,9	51,3	54,7	58,1	61,6	65,0	68,4		
20	0,0720	7,2	10,8	14,4	18,0	21,6	25,2	28,8	32,4	36,0	39,6	43,2	46,8	50,4	54,0	57,6	61,2	64,8	68,4	72,0		
21	0,0756	7,6	11,3	15,1	18,9	22,7	26,5	30,2	34,0	37,8	41,6	45,4	49,1	52,9	56,7	60,5	64,3	68,0	71,8	75,6		
22	0,0792	7,9	11,9	15,8	19,8	23,8	27,7	31,7	35,6	39,6	43,6	47,5	51,5	55,4	59,4	63,4	67,3	71,3	75,2	79,2		
23	0,0828	8,3	12,4	16,6	20,7	24,8	29,0	33,1	37,3	41,4	45,5	49,7	53,8	58,0	62,1	66,2	70,4	74,5	78,7	82,8		
24	0,0864	8,6	13,0	17,3	21,6	25,9	30,2	34,6	38,9	43,2	47,5	51,8	56,2	60,5	64,8	69,1	73,4	77,7	82,0	86,4		
		9,6	14,4	19,2	24,0	28,8	33,6	38,4	43,2	48,0	52,8	57,6	62,4	67,2	72,0	76,8	81,6	86,4	91,2	96,0		

- DLI is like eating and drinking, if you can't eat enough, you need to eat extra food.

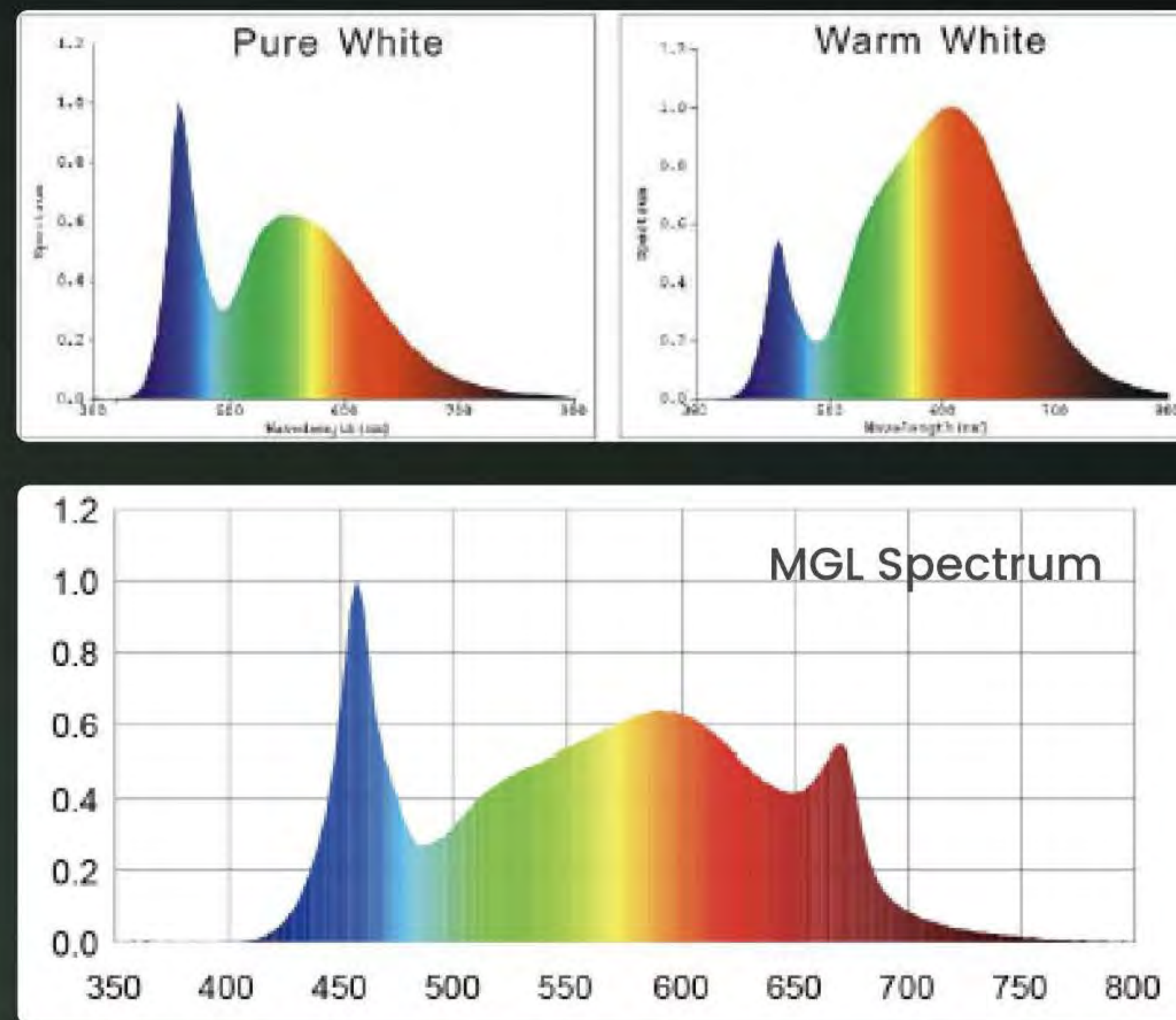
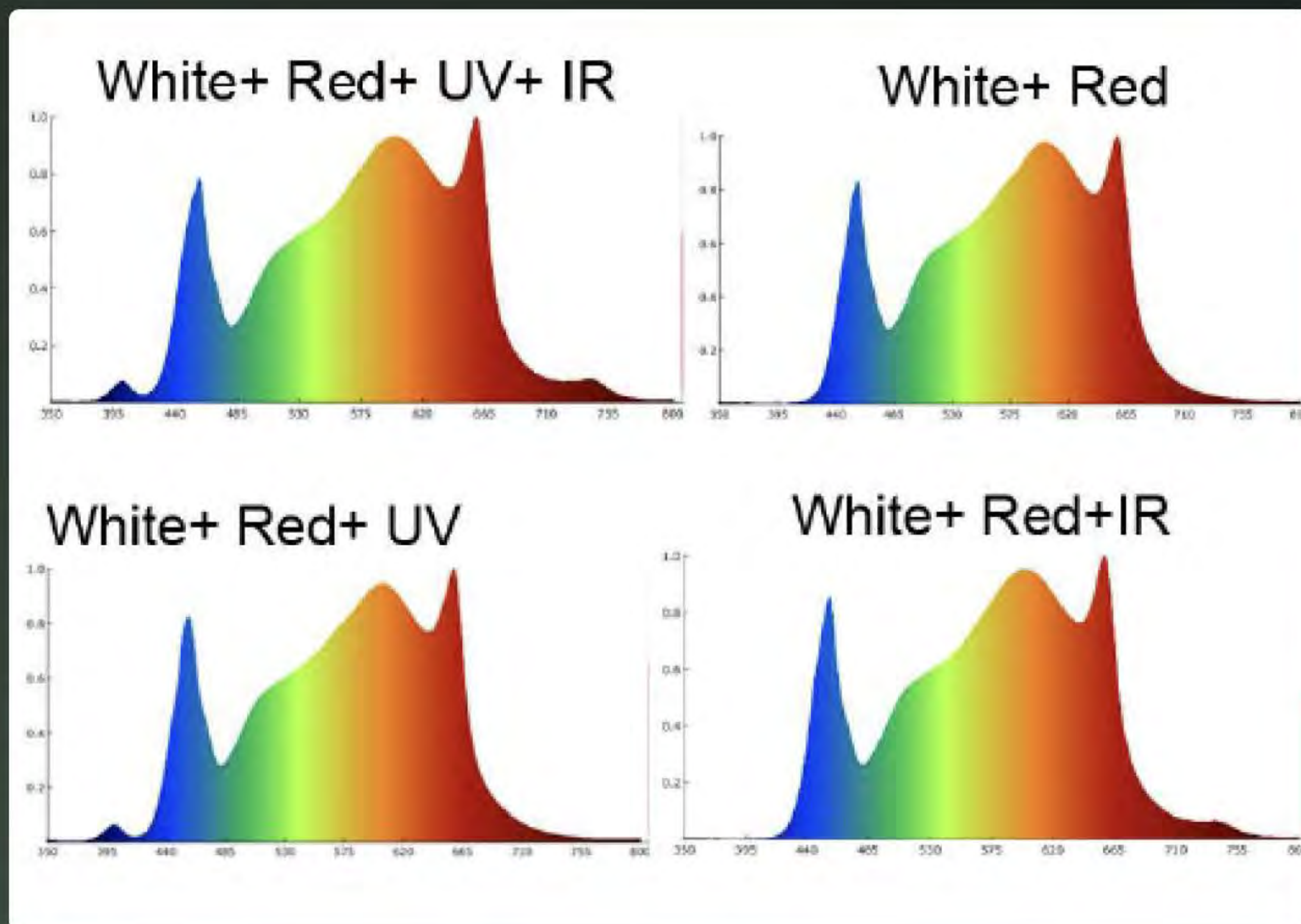


- UV-B light (280nm – 315nm) Increase cannabinoids
- Blue Light Spectrum (400–500 nm)
- increasing plant quality establish root and stem structure
- ~~Green Light Spectrum (500–600 nm) less important~~
- Around 660nm encourage stem, leaf, and general vegetative growth
- Far-red Light Spectrum (700–850 nm)
- promote flowering increase fruit yield

01

Grow Light Introduction – Basic Knowledg – SPECTURM

In most cases, we're using Samsung 281B diodes (3000K+4000K+660nm+730nm+395nm) full spectrum, We also accept full customization work which includes color, diodes, spectrum, power, logo, package and more. Feel free to contact us about customization.



02

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**About
Cannabis**



- The flower of the cannabis plant is used for its recreational or medicinal purposes.
- The stalk or stem of the cannabis plant is used for industrial purposes (e.g., hemp fiber).
- The seed of the cannabis plant is used for food and household purposes (e.g., hemp seed or hemp oil).



Sativa



Hybrid



Indica



Ruderalis

02

About Cannabis – Growth Stage



Vegetative: Give 18-24 hours of light per day

Flowering: Give 12 hours light & 12 hours dark per day

02

About Cannabis – Growth Stage

- Affordable and easy to grow, motivating many people to grow one or a few cannabis plants at home



9.0 to 18 oz
(36 for advanced growers)

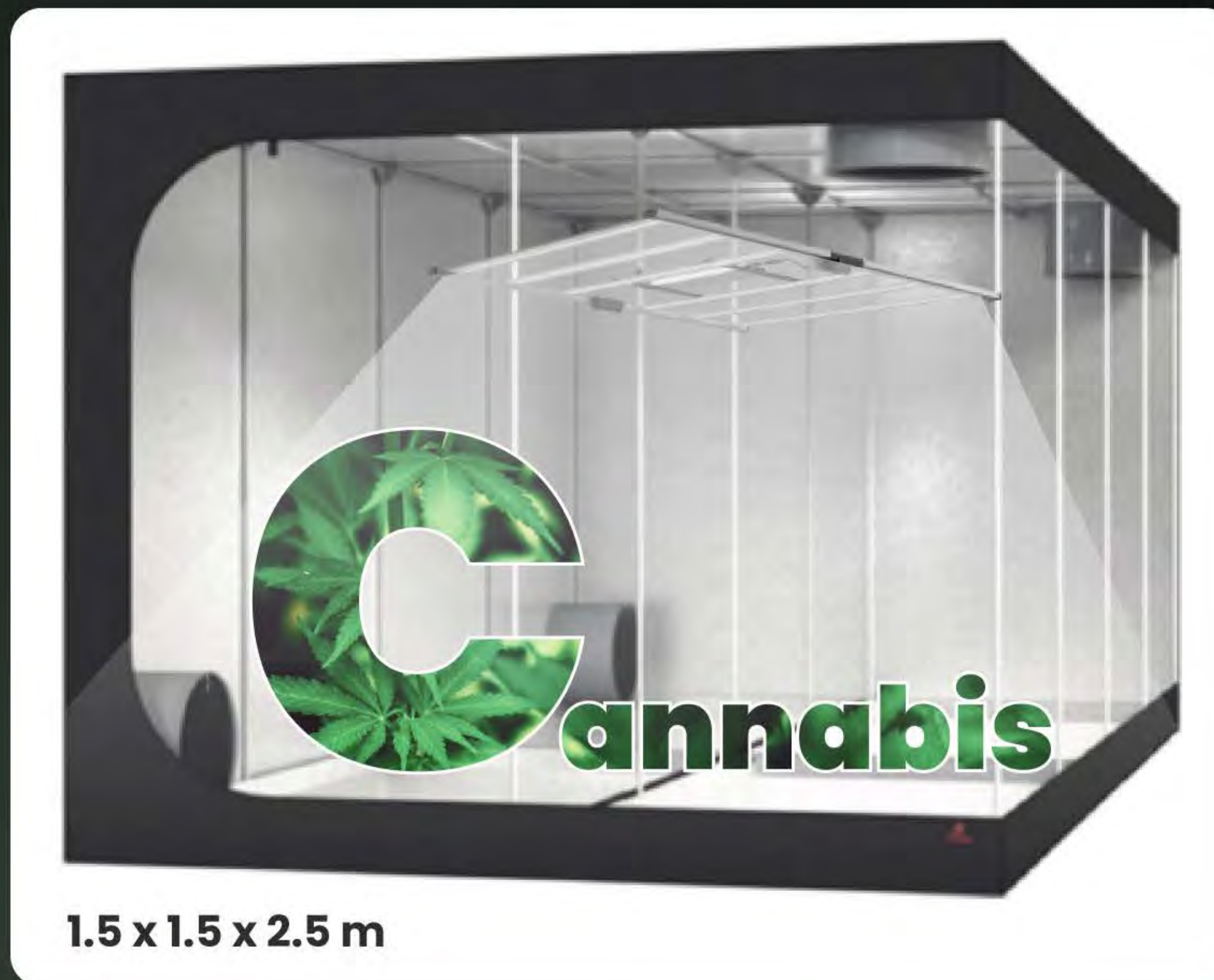


5-6months

18*326=5868 USD

High quality: One ounce=\$326

Medium quality: One ounce=\$266



* One ounce = 28.3g

THANKS

LIGHT  OF  GROWTH