

ENGL-FD600-03E



● Features:

- **PRIVATE MOULD**
- Color: Samsung full spectrum white light + 660nm Plant red light, mainly for cannabis lighting.
- High quality Inventronics Driver with dimmer knob
- Wide input voltage AC100-277V or dimmable
- Best heat sink to get the best heat dissipation
- Easy to install and operate
- Energy saving, Instant start, NO flickering, NO humming, long service life, increase hemp output.
- 3 years warranty



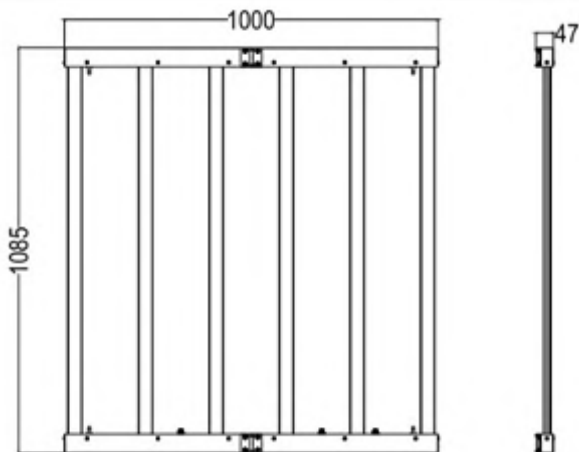
Applications:

- Mainly used for indoor hemp/Cannabis/Marijuana lightings.

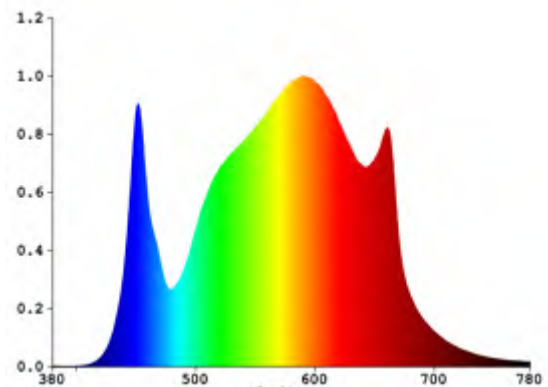
● Product Specifications:

Product Name	600W LED Grow Light
Model number	ENGL-FD600-03E
Power	600W (6 bars)
Input voltage	100-277VAC 50/60Hz
LED Brand	Samsung (312pcs per bar)
LED Driver	Inventronics Driver
Lumen	84,000LM
Lumen efficiency	140LM/W
CCT	3500K
CRI	>75
PPF	1500 μ mol/S
EFF	2.5 μ mol/J
Color	Full spectrum white light +660nm Plant red light
Coverage	6ft×6ft
Mounting height	≥ 6" (15.2cm) Above canopy
Supplementation time	16-20H/day
PF	>0.95
Lamp size	1085*1000*47mm
Angle	120°
Housing color	White, with 2M plug
Material	Aluminum + PC
IP	IP54 (Indoor using)
Lifespan	>50,000H
N.W	8.0KG/PC
Working Temperature	-37°C~+55°C
Operating Humidity	<95%
Storage Temperature	-40°C~+80°C

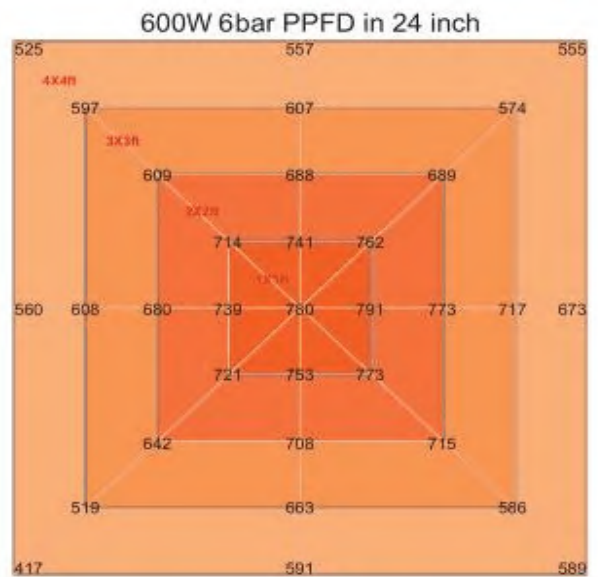
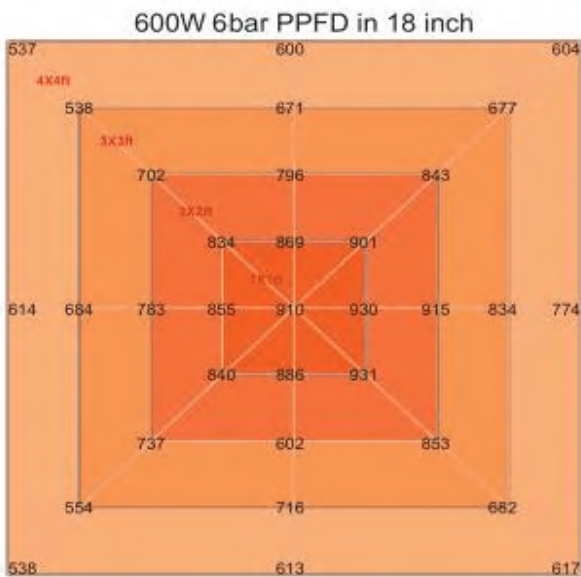
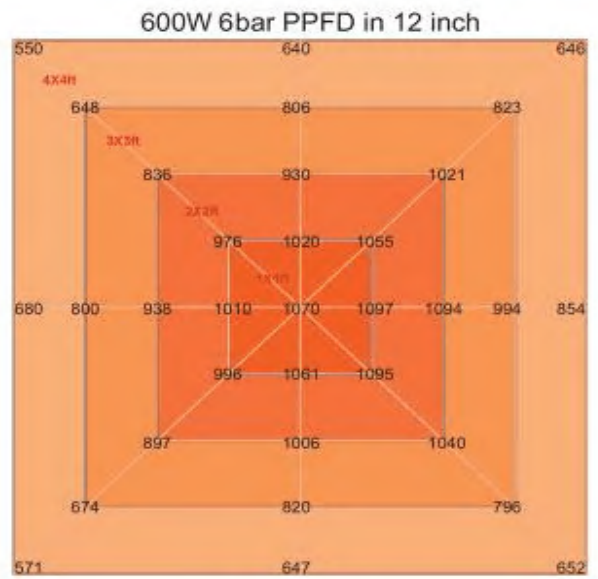
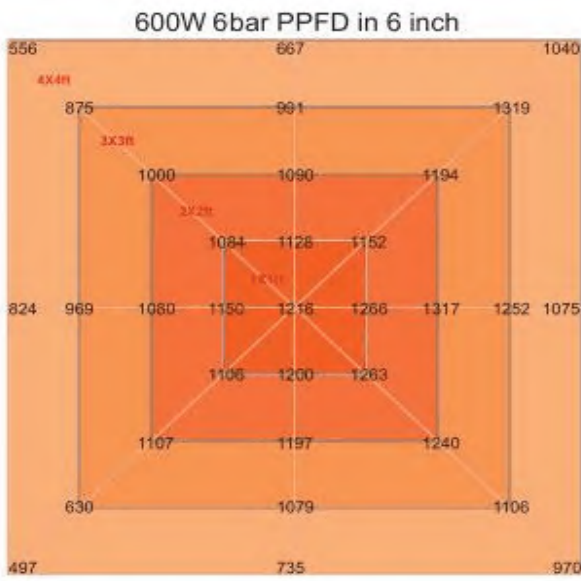
● Dimension(mm)



● Spectrum



● PPF Distribution:



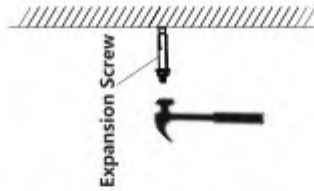
● Installation

■ Installation Instruction

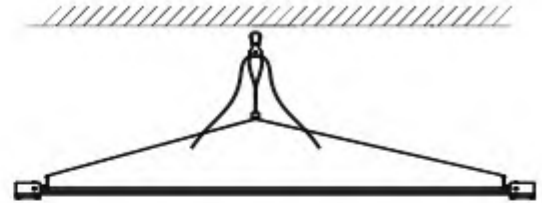
1.Lamp Fasten and Wire



1. Drill holes in the ceiling.



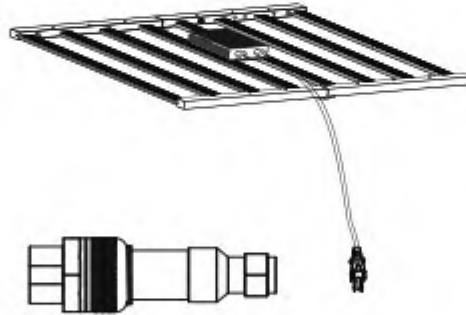
2. Place the expansion screw into the ceiling.



3. Install the lifting rope to the ceiling.



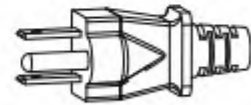
4. Hang the lamp to the lifting rope.



5. Put the driver on the middle top of lamp.
Connect the plug between lamp and driver,
notice: connector male plug arrow
is aligned with the female plug arrow.



Please tear the film before lighting up.



AC 100-277V

6. connect the plug to the power source

● Package:



BOX	QTY.	Size	N.W/CTN	G.W/CTN
BOX	1PCS	117*12*71CM	12.8KG	15KG

ENGL-FD600-03



● Features:

- **PRIVATE MOULD**
- Color: Samsung full spectrum white light + Osram 660nm Plant red light, mainly for cannabis lighting.
- High quality Sosen Driver
- Wide input voltage AC100-277V or dimmable
- Best heat sink to get the best heat dissipation
- Easy to install and operate
- Energy saving, Instant start, NO flickering, NO humming, long service life, increase hemp output.
- 3 years Warranty



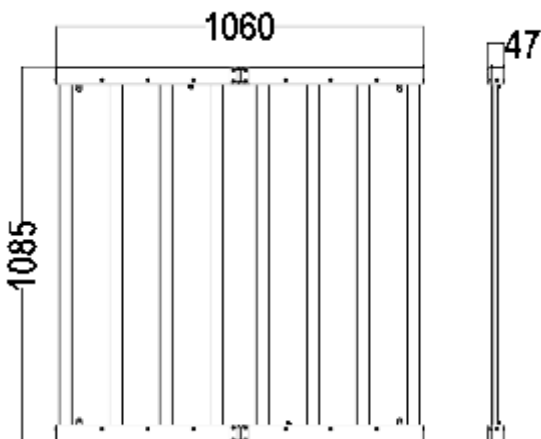
Applications:

- Mainly used for indoor hemp/Cannabis/Marijuana lightings.

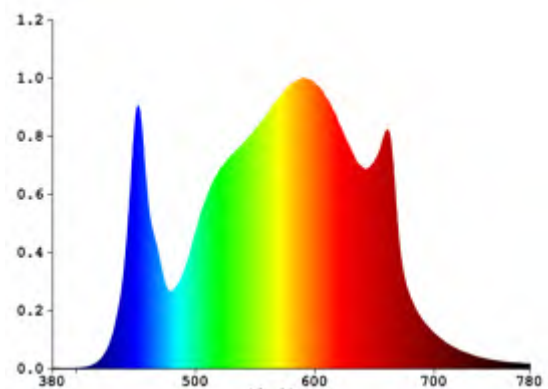
● Product Specifications:

Product Name	600W LED Grow Light
Model number	ENGL-FD600-03
Power	600W
Input voltage	100-277VAC 50/60Hz
LED Brand	Samsung and Osram (312pcs per bar)
LED Driver	SOSEN Driver
Lumen	84,000LM
Lumen efficiency	140LM/W
CCT	3500K
CRI	>75
PPF	1680 μ mol/S
EFF	2.8 μ mol/J
Color	Full spectrum white light +660nm Plant red light
Coverage	6ft×6ft
Mounting height	≥ 6" (15.2cm) Above canopy
Supplementation time	16-20H/day
PF	>0.95
Lamp size	1085*1060*47mm
Angle	120°
Housing color	White, with 2M plug
Material	Aluminum + PC
IP	IP54 (Indoor using)
Lifespan	>50,000H
N.W	10.6KG/PC
Working Temperature	-37°C~+55°C
Operating Humidity	<95%
Storage Temperature	-40°C~+80°C

● Dimension(mm)

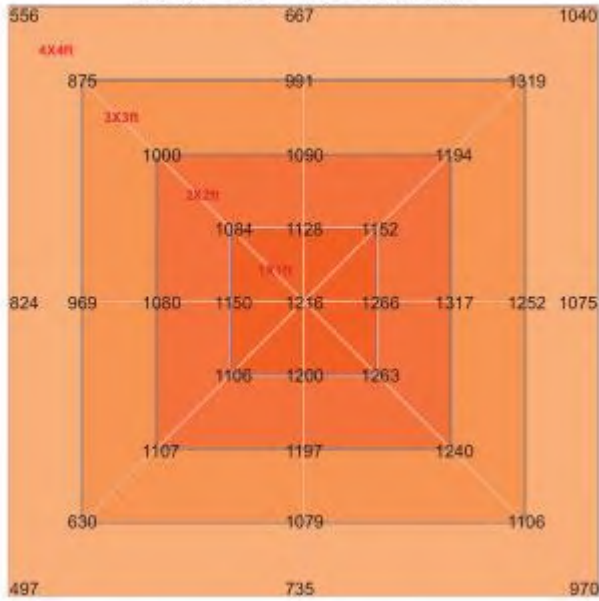


● Spectrum

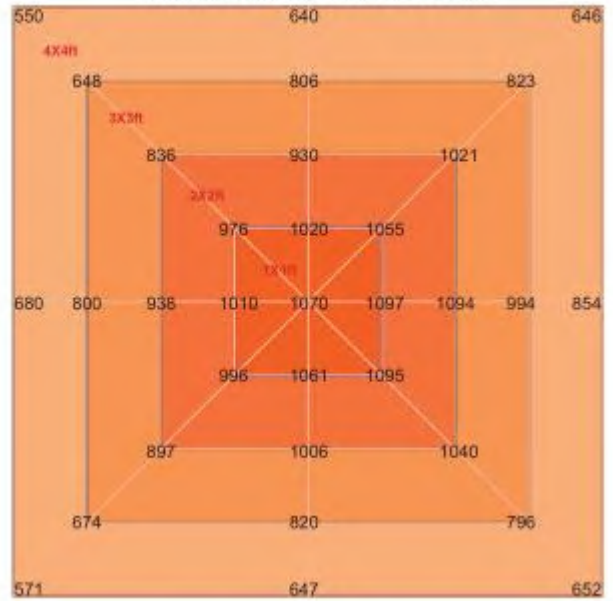


● **PPFD Distribution:**

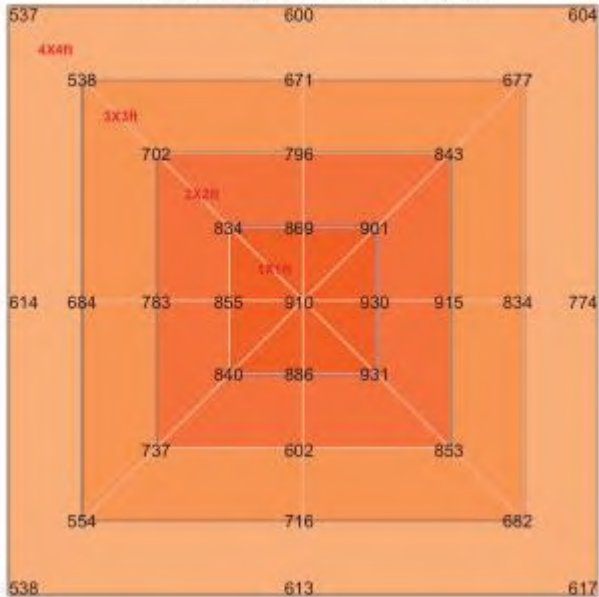
600W 8bar PPFD in 6 inch



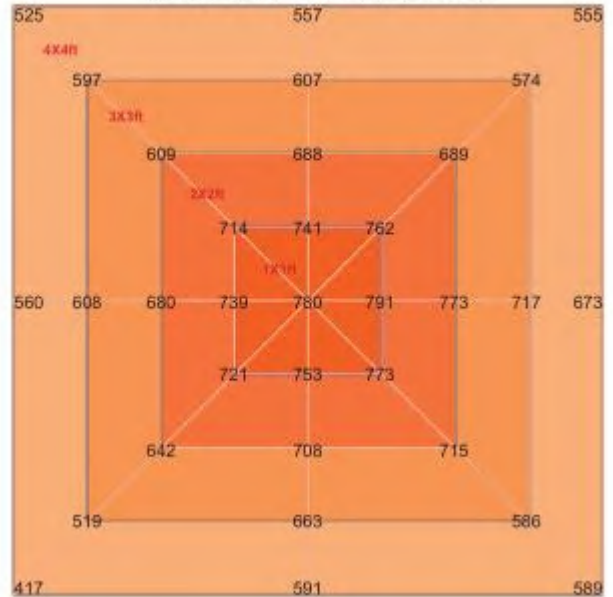
600W 8bar PPFD in 12 inch



600W 8bar PPFD in 18 inch



600W 8bar PPFD in 24 inch



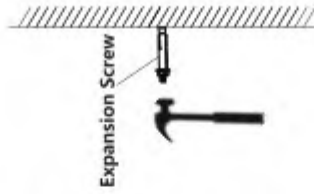
● Installation

■ Installation Instruction

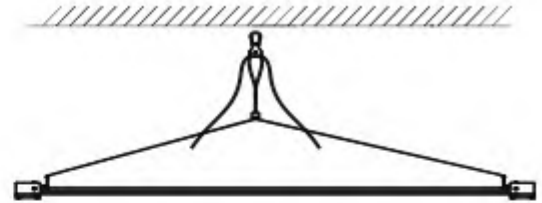
1.Lamp Fasten and Wire



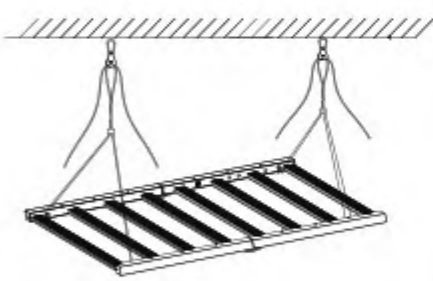
1. Drill holes in the ceiling.



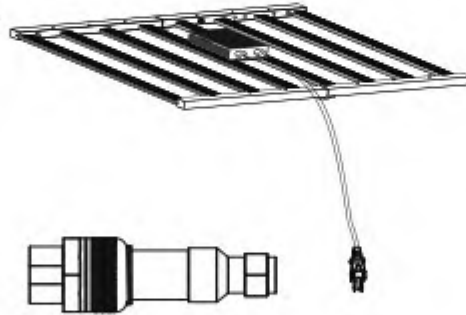
2. Place the expansion screw into the ceiling.



3. Install the lifting rope to the ceiling.



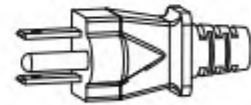
4. Hang the lamp to the lifting rope.



5. Put the driver on the middle top of lamp.
Connect the plug between lamp and driver,
notice: connector male plug arrow
is aligned with the female plug arrow.



Please tear the film before lighting up.



AC 100-277V

6. connect the plug to the power source

● Package:



Box	QTY.	Size	N.W/CTN	G.W/CTN
box	1PC	117*12*74 CM	17.6KG	18.8KG

ENGL-FD720-03



● Features:

- **PRIVATE MOULD**
- Color: Samsung full spectrum white light + Osram 660nm Plant red light, mainly for cannabis lighting.
- High quality Sosen Driver
- Wide input voltage AC100-277V or dimmable
- Best heat sink to get the best heat dissipation
- Easy to install and operate
- Energy saving, Instant start, NO flickering, NO humming, long service life, increase hemp output.
- 3 years warranty



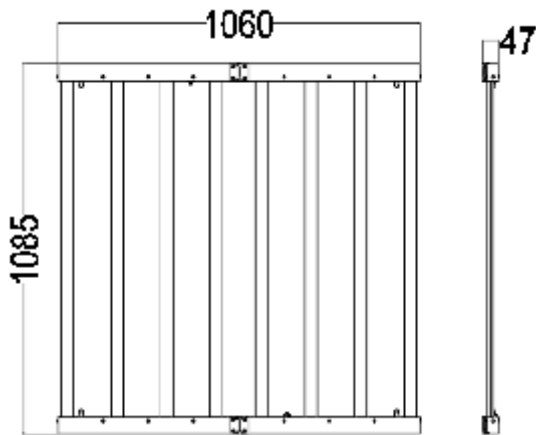
Applications:

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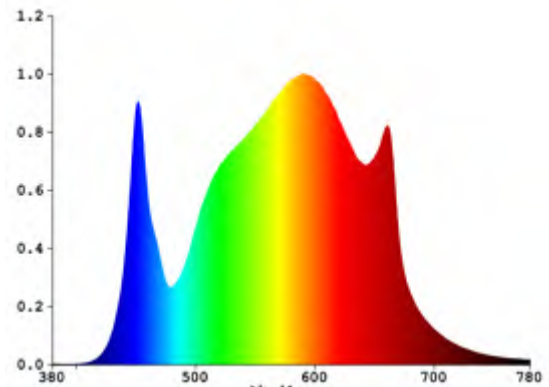
● Product Specifications:

Product Name	720W LED Grow Light
Model number	ENGL-FD720-03
Power	720W
Input voltage	100-277VAC 50/60Hz
LED Brand	Samsung and Osram (312pcs per bar)
LED Driver	SOSEN Driver
Lumen	100,800LM
Lumen efficiency	140LM/W
CCT	3500K
CRI	>75
PPF	2016 μ mol/S
EFF	2.8 μ mol/J
Color	Full spectrum white light +660nm Plant red light
Coverage	6ft×6ft
Mounting height	≥ 6" (15.2cm) Above canopy
Supplementation time	16-20H/day
PF	>0.95
Lamp size	1085*1060*47mm
Angle	120°
Housing color	Black, with 2M plug
Material	Aluminum + PC
IP	IP54 (Indoor using)
Lifespan	>50,000H
N.W	10.6KG/PC
Working Temperature	-37°C~+55°C
Operating Humidity	<95%
Storage Temperature	-40°C~+80°C

● Dimension(mm)



● Spectrum



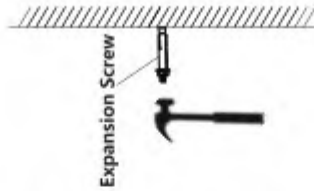
● Installation

■ Installation Instruction

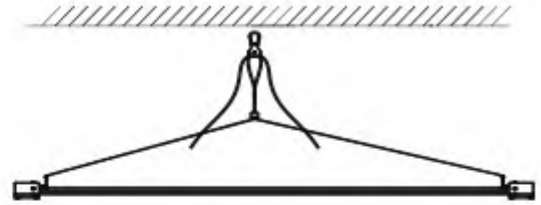
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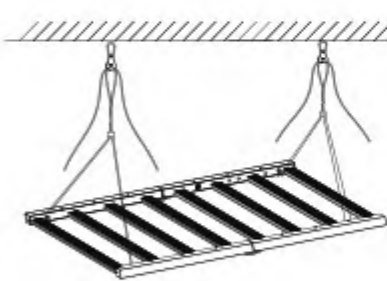
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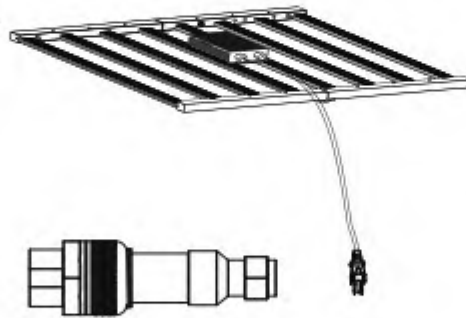
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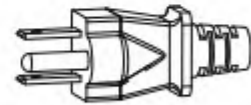
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AC 100-277V

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● Package:



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box	1PC	117*12*74 CM	17.8 KG	18.8KG