

A photograph of a cannabis grow room. In the foreground, a white LED light fixture with multiple angled light tubes is shown. In the background, several cannabis plants with reddish-brown leaves are growing under a ceiling of similar light fixtures. The Luxgrow logo is in the top right corner.

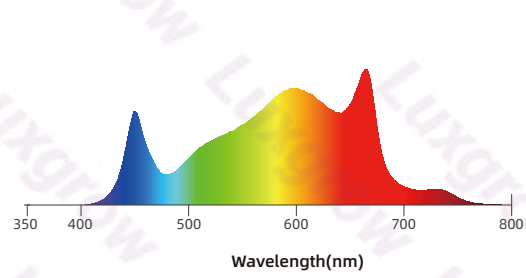
Luxgrow

LPE SERIES

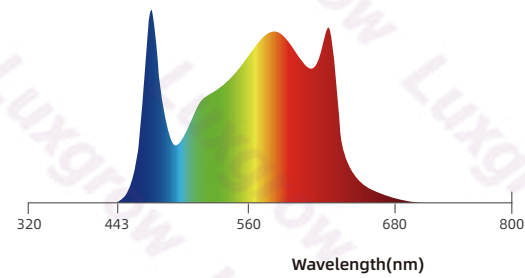
Commercial Cannabis Led Lighting Solution

LPE model is a full spectrum light for indoor farms ;
Correct Spetrum will help cannabis and plants grow with
high yield ,also used for 1:1HPS replacement.

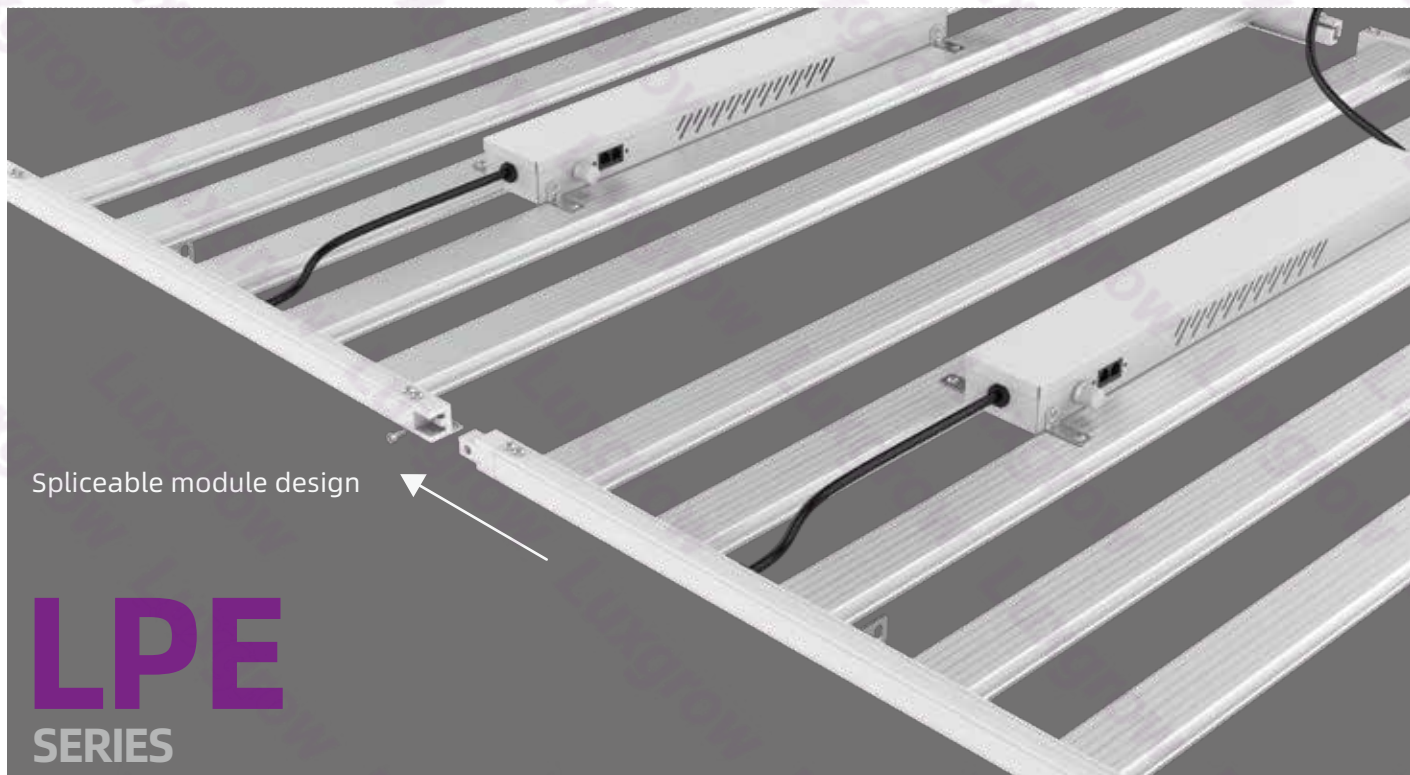
SP1



SP2



Model	LPE6S-SLT	LPE8S-SLT	LPE10S-SLT	LPE12S-SLT
Input Wattage	650W	850W	1050W	1200W
PPF (Light output)	1690±3%μmol/s	2210±3%μmol/s	2730±3%μmol/s	3120±3%μmol/s
PAR Efficacy	2.6±3% μmol/J			
Input Voltage	AC120-277V 50/60Hz	AC120-277V 50/60Hz	AC120-277V 50/60Hz	AC200-277V 50/60Hz
Current	5.5A	7.1A	8.8A	6.0A
bars	6 bars	10bars	12 bars	15 bars
Driver Brand	Sosen/Juson			
Light Source	Seoul+Domestic			
Dimming	0-10V			
Power Factor	>0.95			
Material	Aluminum+lens			
Thermal Management	Passive Cooling			
Mounting Height	≥ 24" (60cm) Above Plant Canopy			
Warranty Lifetime	5 years Q90>36,000hrs			
Certification	ETL, DLC, CE Rohs Pending			
IP Rating	UL 1598, UL8800 – Wet Location			
Ambient Temperature	14 ~ 113 °F (-15 ~ 45 °C)			



Spliceable module design

LPE

SERIES



6 bars
650W



10 bars
850W



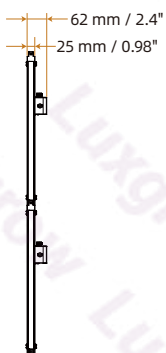
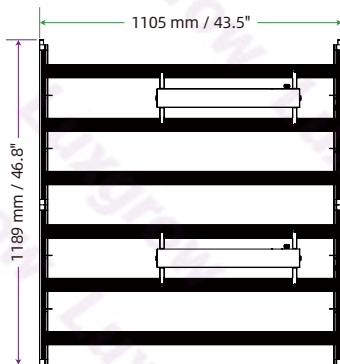
12 bars
1050W



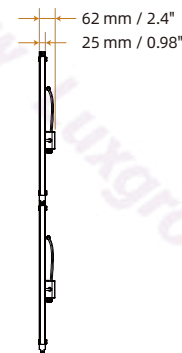
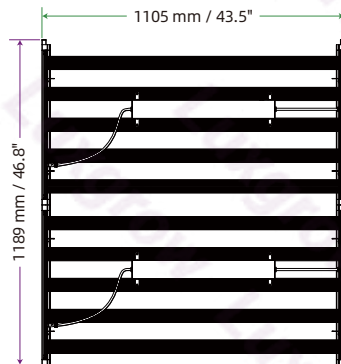
15 bars
1200W

DIMENSIONS

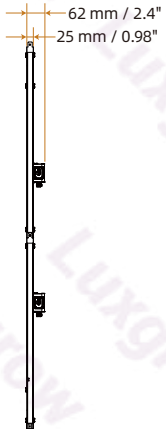
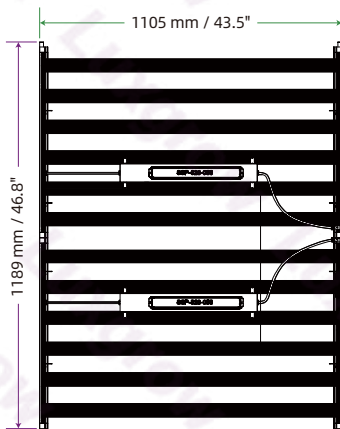
- Length
- Width
- Height



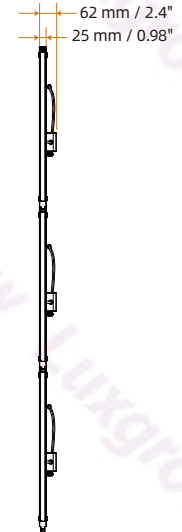
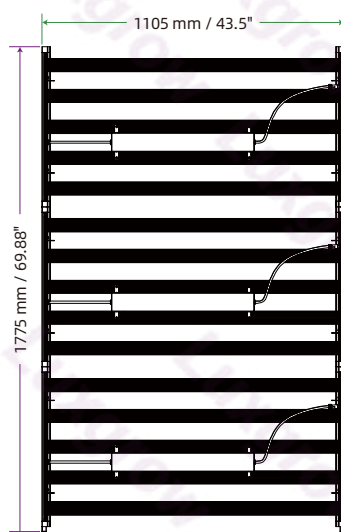
LPE6S-SLT 650W



LPE8 S-SLT 850W



LPE10S-SLT 1050W

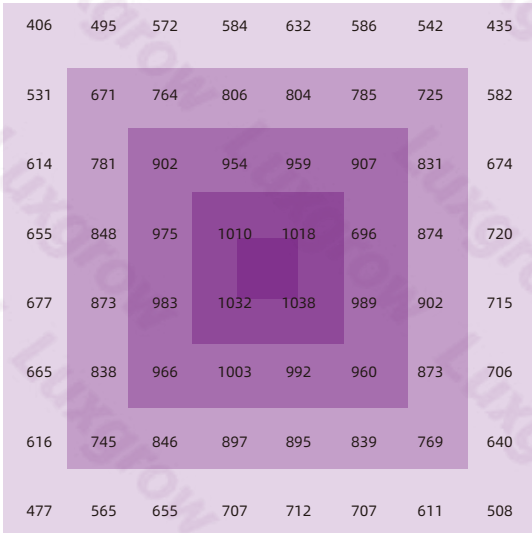


LPE12S-SLT 1200W

LPE6S-SLT 650W PPFD MAP

PPFD Value at 18" (45cm)

4x4FT



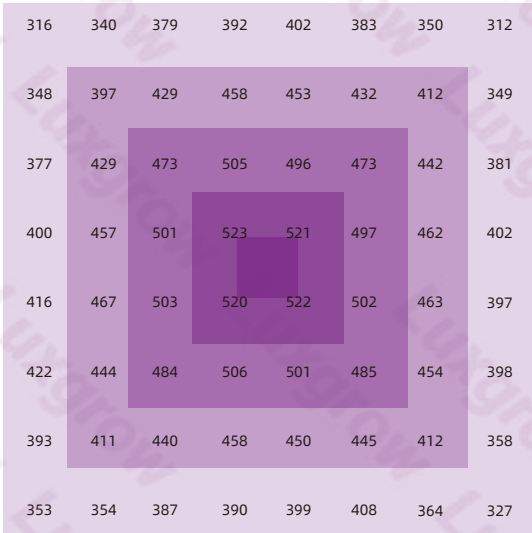
PPFD Value at 24" (60cm)

4x4FT



PPFD Value at 36" (90cm)

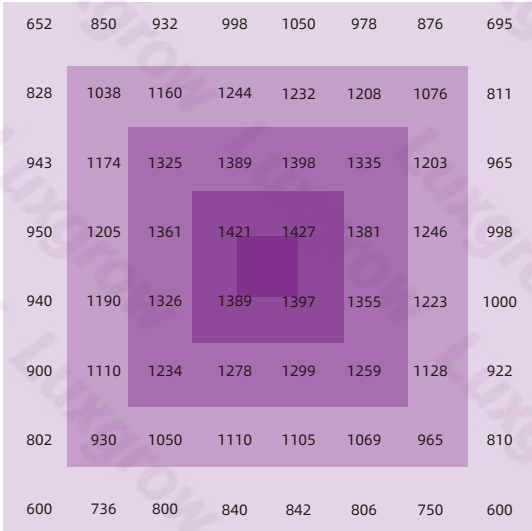
4x4FT



LPE8S-SLT 850W PPFD MAP

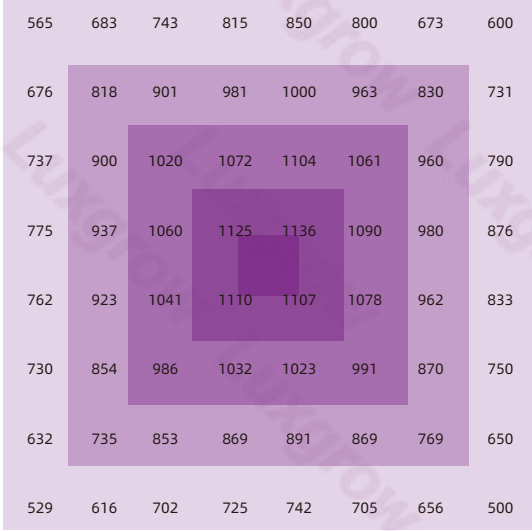
PPFD Value at 18" (45cm)

4x4FT



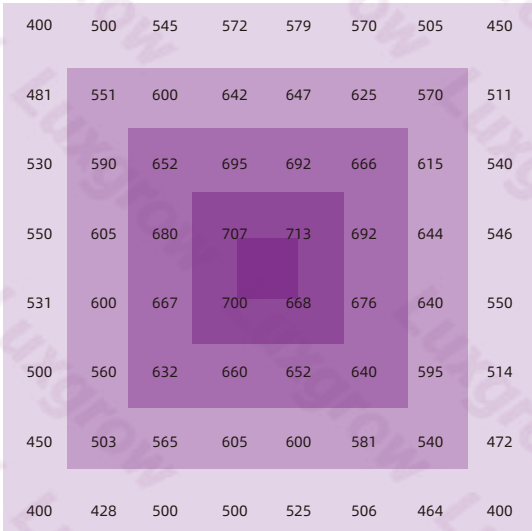
PPFD Value at 24" (60cm)

4x4FT



PPFD Value at 36" (90cm)

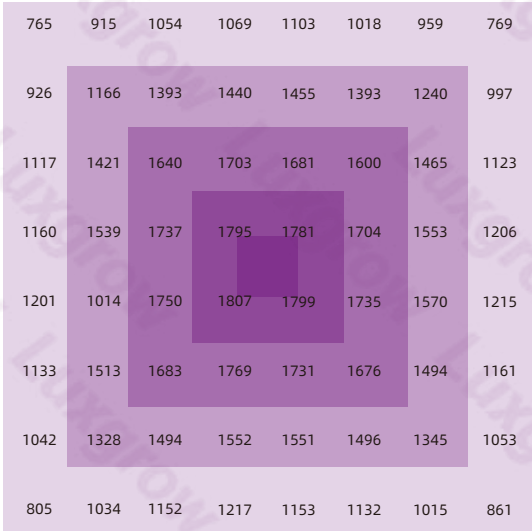
4x4FT



LPE10S-SLT 1050W PPFD MAP

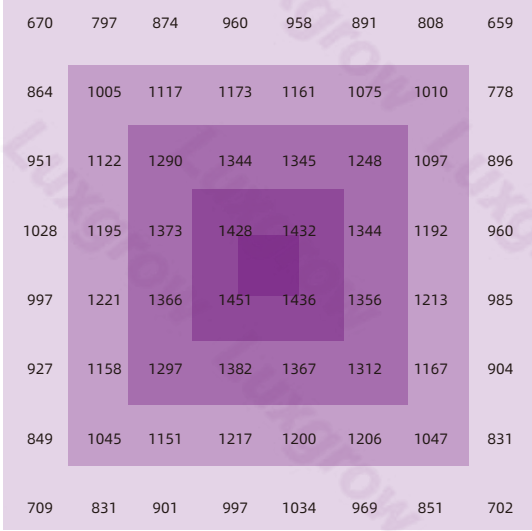
PPFD Value at 18" (45cm)

4x4FT



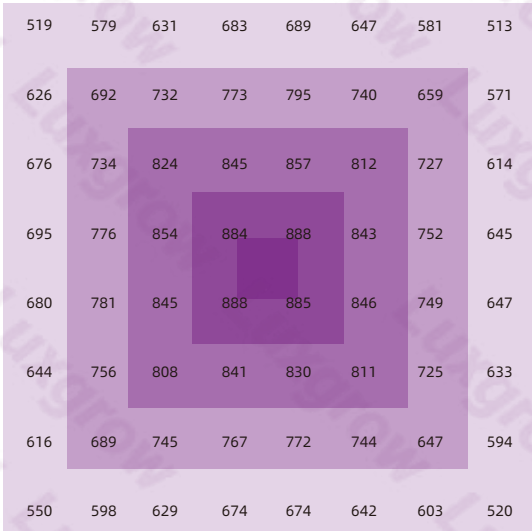
PPFD Value at 24" (60cm)

4x4FT

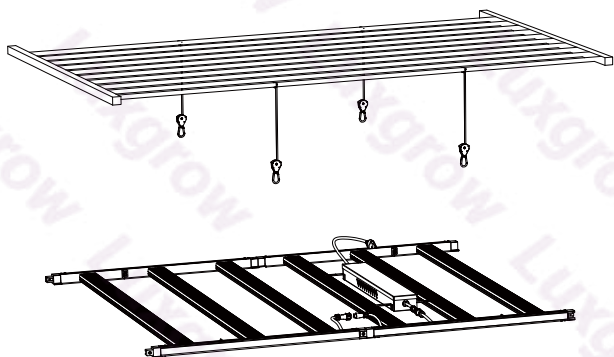


PPFD Value at 36" (90cm)

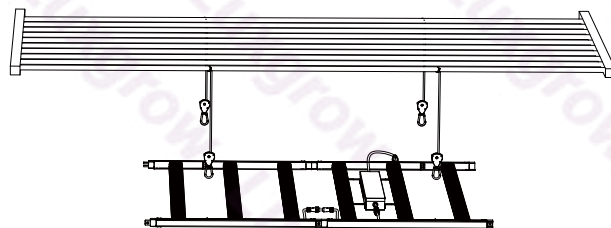
4x4FT



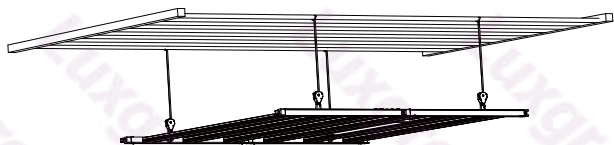
- 01 Open the package and take out the LED grow light and place it on the table, hang up the pothook on the ceiling.



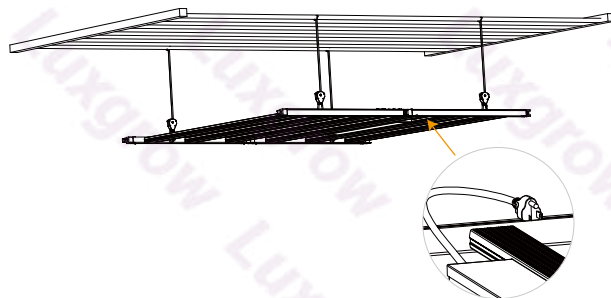
- 02 Find out the fixture four holes and put the fixture into the hook and keep the fixture balance.



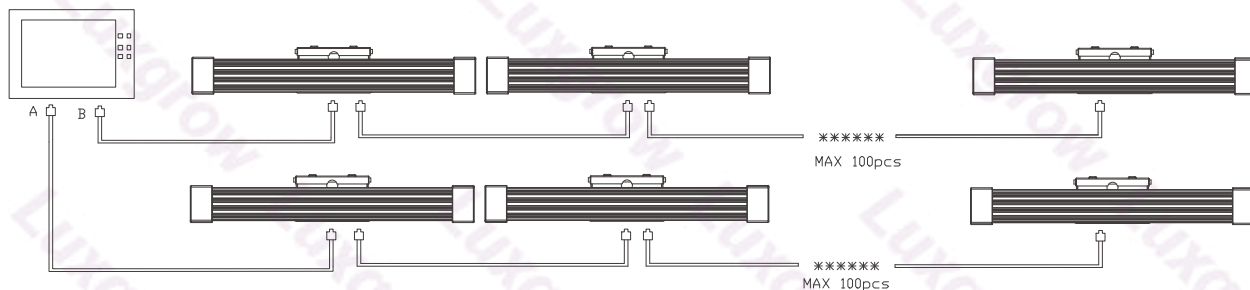
- 03 Pls find out the RJ14 signal connectoer at the le side and link with the waterproof connectors together.



- 04 Plug into the power and turn on the fixture. pls start Use the knob to control the fixture.



WIRED CONTROLLER INSTALLAON



Mulple RJ14 Interconnect Cables one by one (80 fixtures maximum) ;
 Plug one RJ14 Port into the controllers;
 Control the fixtures by wired controllers

PACKAGING INFORMATION

Default Accessories List

- ① LED grow light
- ② input cable
- ③ Ceiling hook X4
- ④ Assembly Screws
- ⑤ RJ45 network cable



②



③



④

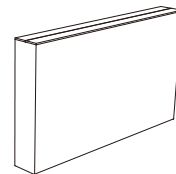
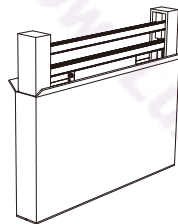
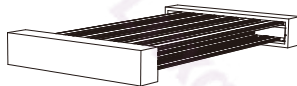


①

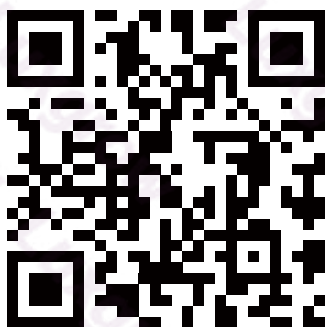


⑤

Model	Carton Size	G.W / Carton	Qty / Carton
LPE6S-SLT	1160x145x665mm 45.6"x5.7"x26.1"	10.2kg/22.4lbs	1 PCS
LPE8S-SLT	1160x145x665mm 45.6"x5.7"x26.1"	12kg/26.51bs	1 PCS
LPE10S-SLT	1160x145x665mm 45.6"x5.7"x26.1"	13kg/28.71bs	1 PCS
LPE12S-SLT	1160x217x665mm 45.6"x5.7"x26.1"	18kg/39.71bs	1 PCS




Model	1160x145x665mm	1160x217x665mm
20GP	240PCS	165PCS
40HQ	620PCS	420PCS



Luxgrow

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