EAGLE STAR
LED

Foldable Dimmable LED Grow Light

Product Description

Eagle Star LED ESF8800B Foldable Dimmable LED Grow Light series works with ESF8800 which are full spectrum grow light fixtures with Samsung +OSRAM LED Chips. The fixture has dimming function and spectrum tunable, including UV & IR light. They can provide more than 60% higher in PPFD compared with HID lamps with lower temperature, which increases the production and saves more than 50% power consumption. The fixtures can be used in many applications such as cannabis cultivation, vegetables, greenhouse, ornamental plants and so on.
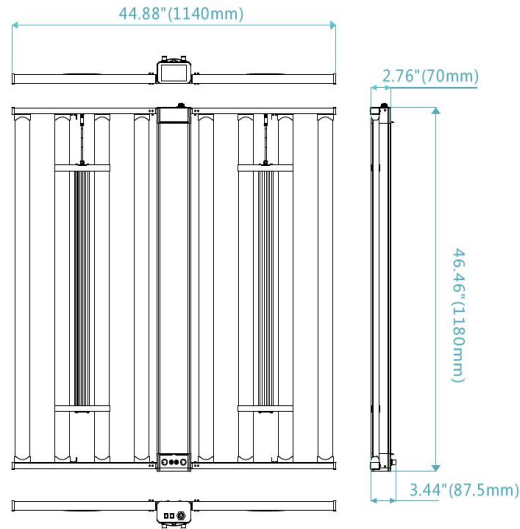

- Model NO. ESF8800B

- Fahold & Sosen driver

- Samsung + Osram Chips

- Full Spectrum red+white+UV+IR

- Input voltage 100-277VAC, 347-480VAC 50Hz/60Hz

- Ideal Working time: 10-14hours;

- Big&wide aluminum body with great heat dissipation

- The fixture can be connected one by one

- 0-10V dimming available

- Easy installation and maintenance

- Footprint: 4ft*4ft/ 5ft*5ft/ 6ft*6ft .
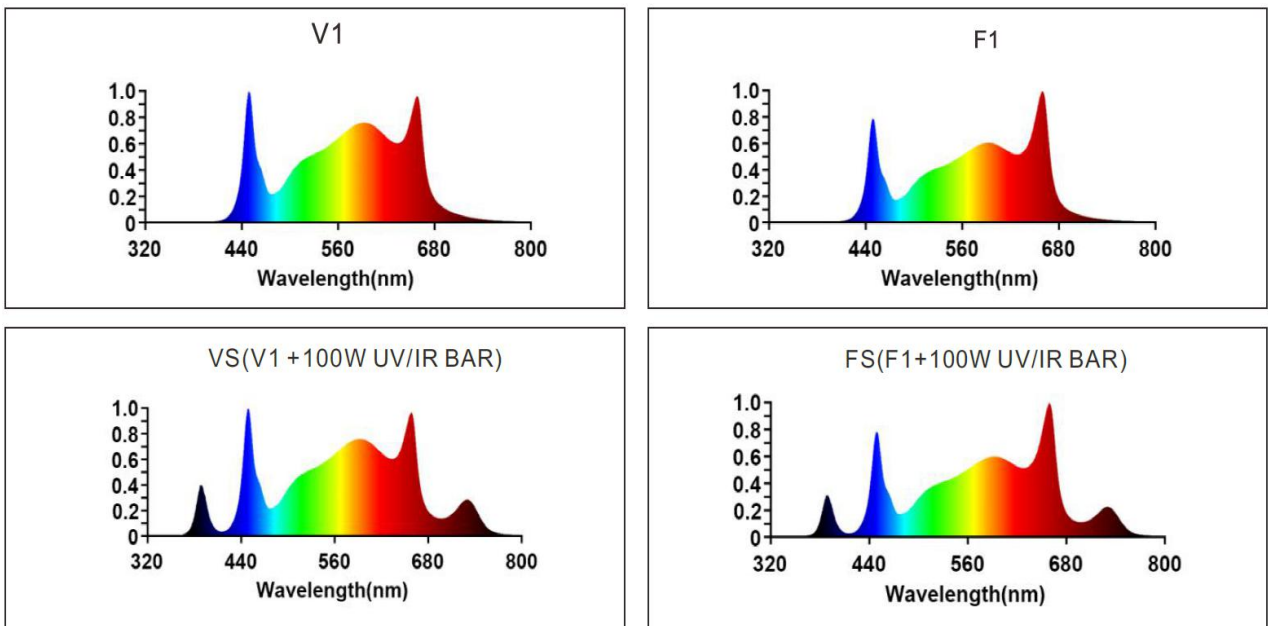
- Certificate: CE RoHS ETL cETL

Product Parameters

Input Power	720W	780W	820W	880W
LED Chips	Samsung +Osram + UV +IR			
Bars Qty	8 Bars	8 Bars	10 Bars	10 Bars
PPF	2016μmol/s	2184μmol/s	2296μmol/s	2464μmol/s
Efficacy	2.8-3.0 μmol/J			
Input Voltage	120-277VAC, 347-480VAC,50/60Hz			
Color Ratio	Full Spectrum red+white+UV+IR			
Working Environment	-20℃~+40℃　45%~95%RH			
Certifications	CE, RoHS, ETL, cETL			
Product Size	L1180 * W1140 * H70mm(46.46'' x 44.88" x 2.76")			
G.W	17.8kg			
Carton Size	126*75*23cm			
Warranty	5 Years Warranty			

Goods are shipped from CA NY TX Warehouses in the USA. Email: info@eaglestarled.com.
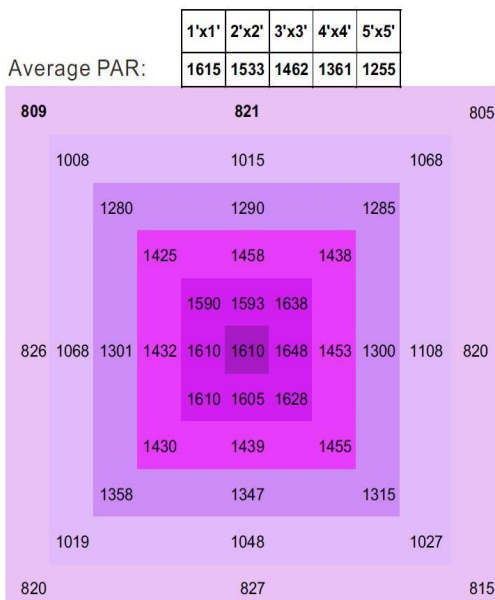https://eaglestarled.com/collections/led-grow-light

Product Size

44.88"(1140mm) 2.76"(70mm) 46.46"(1180mm) 3.44"(87.5mm)

Spectrum

V1

F1

VS(V1 +100W UV/IR BAR)

FS(F1+100W UV/IR BAR)

PPFD(μmol/㎡/s)

Average PAR:	1'x1'	2'x2'	3'x3'	4'x4'	5'x5'
	1615	1533	1462	1361	1255

809		821		805
1008		1015		1068
1280		1290		1285
1425		1458		1438
	1590	1593	1638	
826 1068 1301	1432	1610 1610 1648	1453	1300 1108 820
	1610	1605	1628	
1430		1439		1455
1358		1347		1315
1019		1048		1027
820		827		815

Height=6'' / 152mm
780W F1 SPECTRUM 2.8μmol/J

Average PAR:	1'x1'	2'x2'	3'x3'	4'x4'	4'x4'	5'x5'
	1441	1380	1336	1247	1129	1129

631		645		640
975		975		978
1243		1250		1247
1310		1308		1308
	1437	1438	1447	
640 968 1227	1312	1428 1458 1458	1308	1240 960 650
	1430	1439	1437	
1314		1315		1316
1238		1248		1244
966		980		959
630		650		642
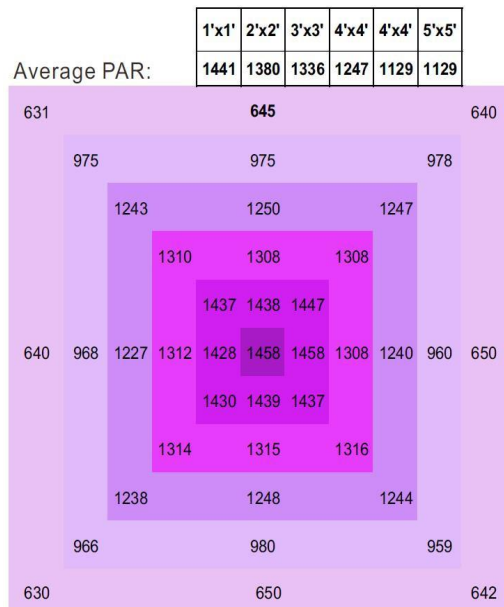
Height=12'' / 305mm
780W F1 SPECTRUM 2.8μmol/J

	1'x1'	2'x2'	3'x3'	4'x4'	5'x5'
Average PAR:	1245	1185	1104	1040	956

587		605		590
854		830		830
	920	952	930	
	1114	1120	1115	
	1240	1244	1247	
625	850 925 1116	1241 1250 1245	1128 925	840 620
	1248	1244	1249	
	1110	1120	1110	
	935	938	936	
845		831		829
620		628		618

Height=24'' / 609mm

780W F1 SPECTRUM 2.8μmol/J

0"	
6"	1595
12"	1430
18"	1235
24"	1135
30"	980
36"	842
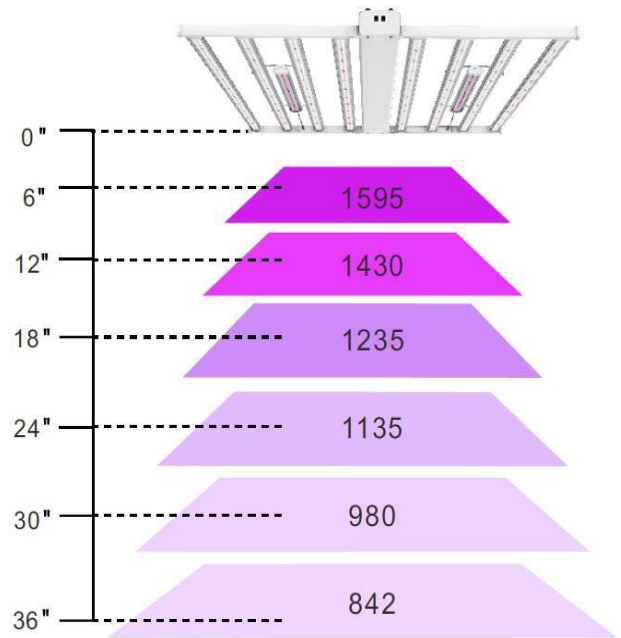
780W   Full Spectrum + Red 2.8 μmol/j

Connection

RJ PORT

ESF8800

RJ PORT

ESF8800B 1   RJ CABLE   ESF8800B 2   ESF8800B 3

ESF8800B **50** ESF8800B 6   ESF8800B 5   ESF8800B 4
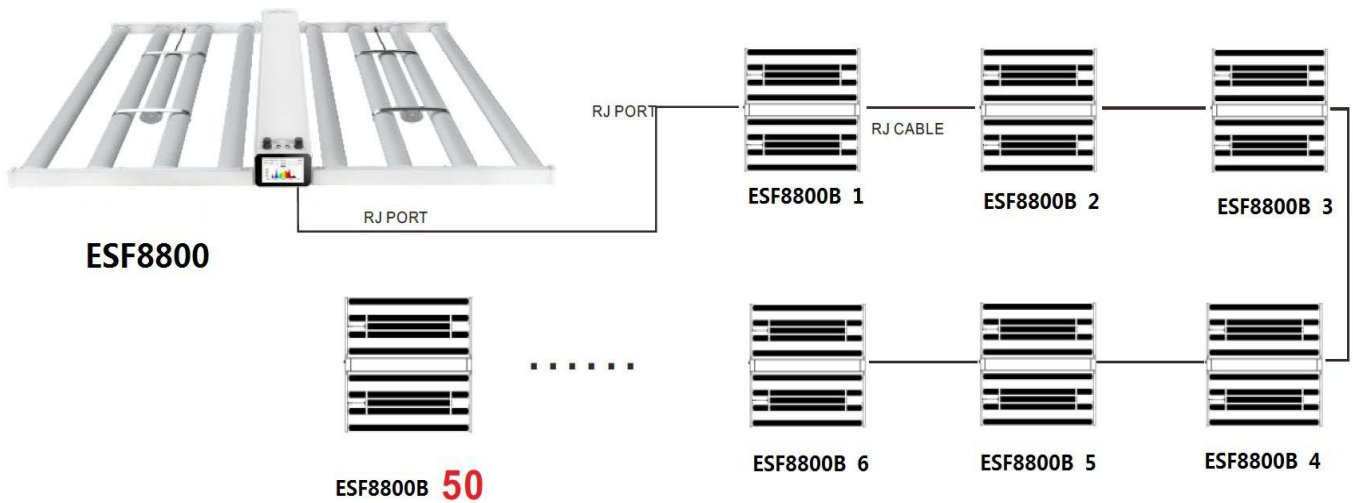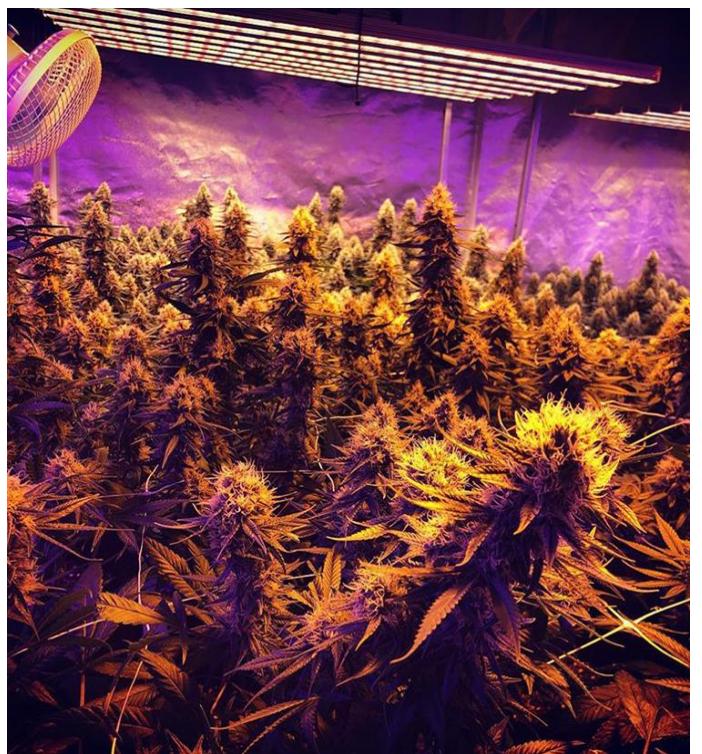
Installation
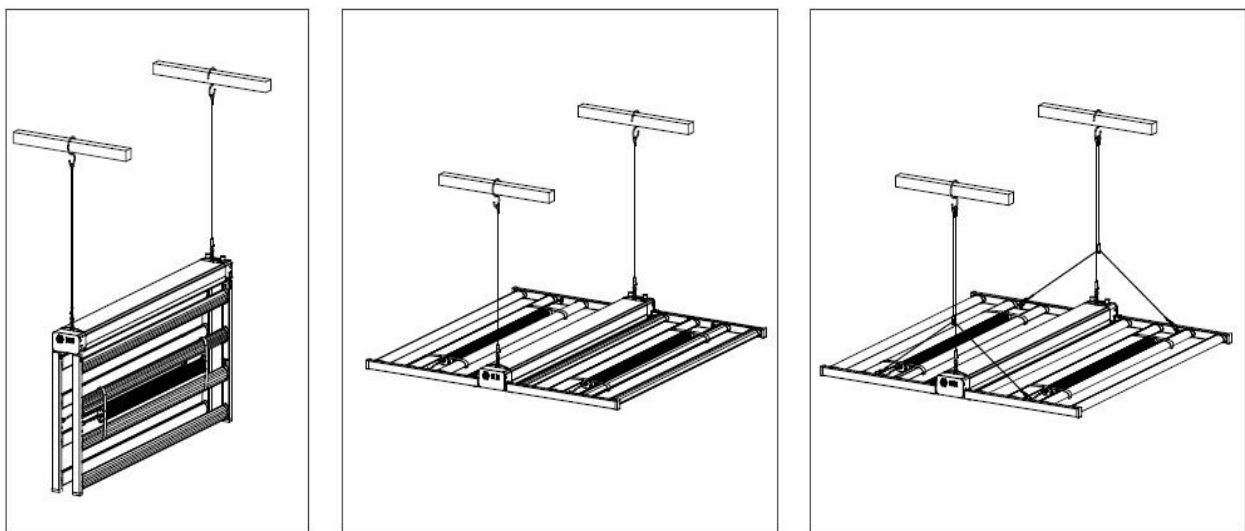
- Hang driver box

- Unfold the light, just one step to 180° horizontal position

- Hang the two extra cables on each side

Applications