

## FLUTTERBY 400W

**Total PPF: 1,120 µmol/s**

The FLUTTERBY's design delivers the most efficient energy to your plants with low power consumption. These low-profile and easy-to-install grow lights are ideal for vertical grows or single roller tables. The 400W grow lights optimize the grow space and produce the highest \$/sq. ft. in an indoor grow. Whether used for growing leafy greens, vegetables, or cannabis, these grow lights will deliver better quality crops and higher crop yields.

### SPECIFICATIONS

TYPICAL INPUT POWER	400 W
TYPICAL PHOTON FLUX (PPF)	1,120 µmol/s
PPE	2.8 µmol/J
IP-RATING	IP65
IR	730 A/B
OPERATING TEMPERATURE	-40 °F to +104 °F
POWER FACTOR	> 90%
COLOUR RENDERING INDEX	80 Ra
DIMMING	0-10V Dimmable
THE LIGHT WAVELENGTH	400-800 nm
NET WEIGHT	12.6 Lb (5.72 kg)
LIFETIME	50,000 hrs
WARRANTY	5 Years

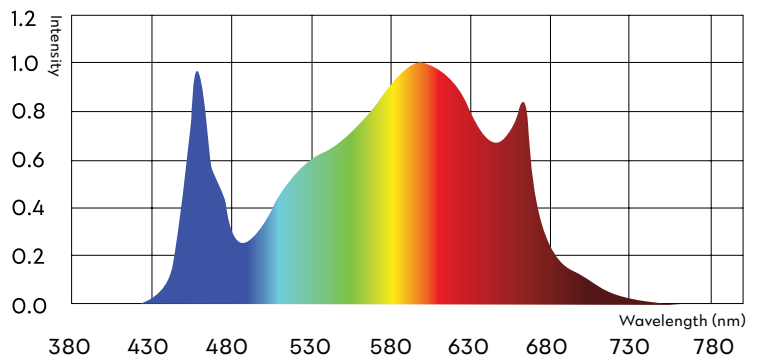
All specifications are subject to change. All spec values are typical.

### MODEL ORDERING GUIDE

SERIES CODE	WATTAGE	SPECTRUM	INPUT VOLT	CORD LENGTH	PLUG TYPE	MOUNTING
<b>CHFO3=</b> FLUTTERBY	400	<b>CF</b> =Full Phase <b>CU</b> =UV Plus <b>CI</b> = IR Plus	<b>S</b> =110V-277V <b>H</b> =347-480V	<b>10</b> =10ft	<b>N5P</b> =NEMA 5-15P <b>N6P</b> =NEMA 6-15P <b>L7P</b> =NEMA L7-15P <b>PT</b> =PIGtails	<b>HK</b> =Hanger Kits <b>DM</b> =Detach Mount



### TARGETED SPECTRUM

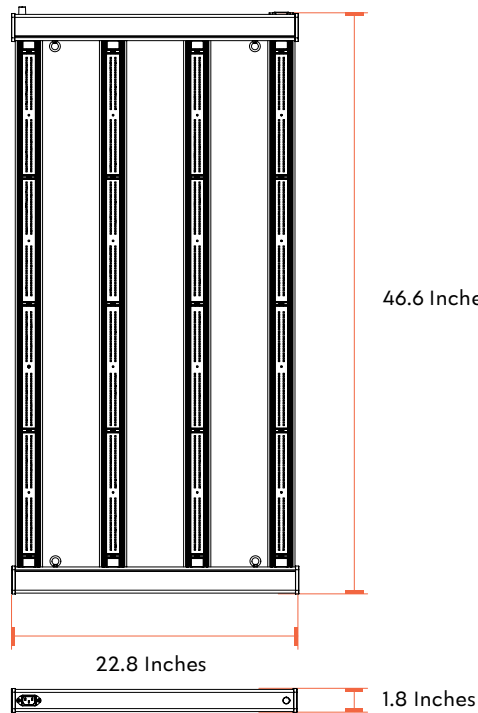


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### FIXTURE MOUNTING DIMENSIONS



### WARRANTY

FLUTTERBY product is covered by a **5 year** limited warranty. FLUTTERBY grow light warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 5 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.

### PLUG TYPE CHART

N5P	NEMA 5-15P	
N6P	NEMA 6-15P	
L7P	NEMA L7-15P	
PT	PIGTAILS	

### PPFD MAP FLUTTERBY 400W TEST AREA 4X4 FT

12 Inches

50	122	151	127	51
241	576	658	575	238
375	843	939	835	356
240	570	634	570	239
52	105	119	107	50

24 Inches

117	192	206	183	113
225	366	413	359	212
286	499	516	443	263
223	353	399	349	204
111	171	181	163	99

40 Inches

106	145	158	145	109
152	200	222	201	149
163	223	247	223	172
154	200	217	194	145
106	133	144	131	101

### WARNING

1. The installation should be performed by qualified electricians or technicians.
2. Before conducting any installation, maintenance, or removal, the luminaires should be powered off and cooled down.
3. Do not touch the fixture while it is turned on.
4. If there are any issues with the fixture, do not power off and attempt to repair it unless you are a qualified technician, electrician, or customer service member.