

SPECTRUM TEST REPORT



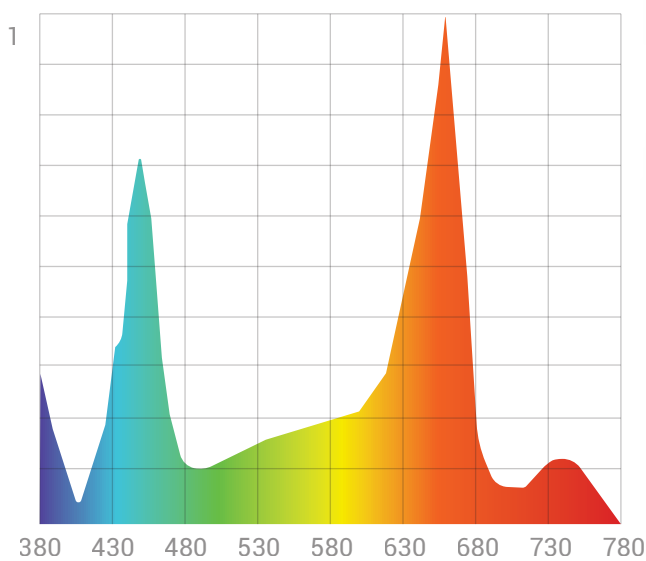
User: Richard Bender
Model NO: PG100N

Measure Time: 2018/10/15 10:04
Light source: FATPHARM250 (#2)

Memo: Dark room, no reflective surfaces, ambient 23 °C @ 12".

Spectrum

λ_p **658nm** | λ_{pV} **2987** $mWm^{-2}nm^{-1}$



PPFD

$\mu mol/(m^2 \times s)$

PPFD	380-780nm	1418
PPFD-UV	380-400nm	38.56
PPFD-FR	700-780nm	131.2

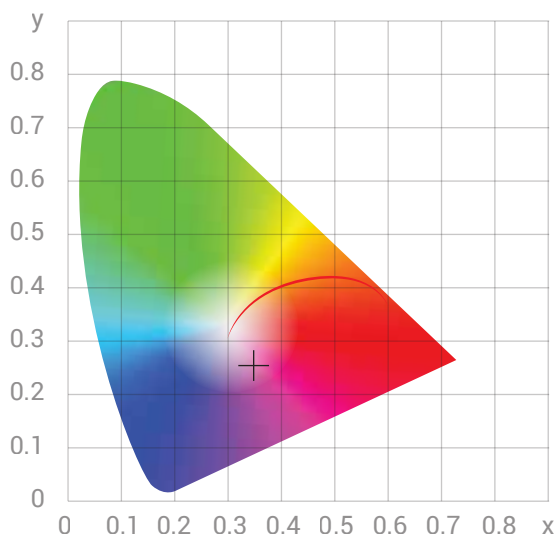
PPFD

$\mu mol/(m^2 \times s)$

PPFD	400-700nm	1249
PFD-B	400-500nm	304.4
PFD-G	500-600nm	253.5
PFD-R	600-700nm	691.3

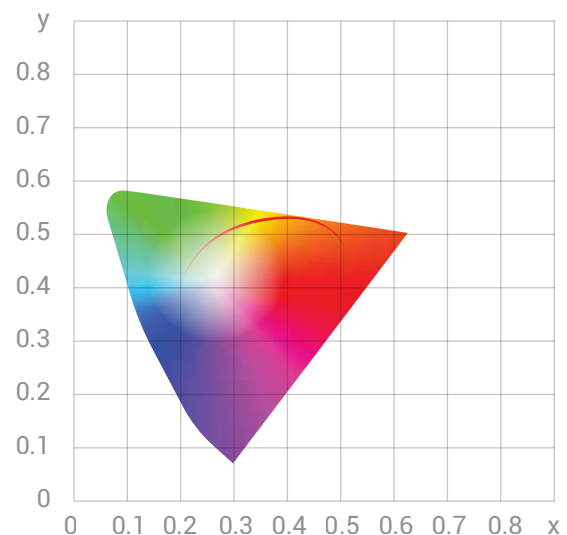
CIE1931

x: 0.3468 | y: 0.2432



CIE1931

u': 0.2655 | v': 0.4189



FATPHARM250 PFD (380 - 780 nm) at 12 inches



3' x 3'							2' x 2'							1' x 1'						
29	50	64	86	64	51	31	45	127	236	326	237	124	45	66	217	796	1003	713	323	83
83	294	1143	1418	1235	490	97	70	229	750	1015	832	319	85	59	127	250	374	259	145	47
42	72	90	125	91	75	40														