



Horticultural Lighting - PPF [μmol/sec/m²]

Model tested: Fgi 4-Bar Green House

Test Height: 16"

22.4	42.3	77.1	124.4	149.7	125.8	78.4	43.7	21.2	2ft
30.3	74.9	120.1	228.7	289.1	209.8	117.4	58.5	28.9	1.5
37.3	75.8	153.2	268.1	351.1	301.6	184.1	88.4	36.2	1
40.5	107.6	204.7	329.2	384.5	293.3	171.4	83.5	39.8	0.5
52.6	110.6	209.6	339.4	396.0	307.9	168.8	85.1	41.1	0
38.9	83.9	169.1	294.9	384.0	327.1	195.7	104.5	39.0	0.5
35.8	72.8	149.1	268.0	345.1	291.1	177.8	70.4	34.5	1
27.8	56.9	112.0	251.1	268.1	196.2	106.7	55.7	28.6	1.5
20.8	39.8	75.8	155.4	169.5	118.3	75.8	36.8	19.5	2ft
2ft	1.5	1	0.5	0	0.5	1	1.5	2ft	

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Maximum PPF: 396.0 μmol/sec/m²

Minimum PPF: 19.5 μmol/sec/m²

Average PPF: 143.2 μmol/sec/m²

Uniformity (min/max): 0.05

Power: 172 W

Relative Spectral Power Distribution of Center Measurement

Wavelength Bands			PPF%	Radiometric Flux%
UV	250	400	NA	0.8%
Violet/Blue	400	500	17.8%	23.1%
Green/Yellow	500	580	44.4%	44.1%
Orange/Red	580	700	37.7%	30.7%
Far Red	700	780	NA	0.9%
IR	780	850	NA	0.4%