

















## Horticultural Lighting - PPF [μmol/sec/m<sup>2</sup>]

Model tested: Gavita 10000e

Test Height: 16"

14.0	24.8	45.1	71.5	83.6	70.1	44.3	24.8	11.8	2ft
18.8	35.2	71.7	124.6	154.7	124.2	71.7	36.8	16.0	1.5
21.9	43.5	88.6	159.6	200.6	158.1	88.6	44.3	19.2	1
22.4	51.1	95.3	154.7	178.8	140.4	85.0	40.8	20.5	0.5
22.7	44.7	83.7	134.5	160.1	135.1	85.0	44.7	20.8	0
21.8	52.0	99.0	161.2	189.1	146.1	82.9	41.7	20.9	0.5
19.8	42.6	89.6	162.3	204.3	166.1	90.4	44.7	19.5	1
16.2	41.0	78.4	132.1	156.3	118.4	66.7	33.4	16.6	1.5
11.6	25.4	45.2	74.9	60.6	37.8	20.8	12.5	12.5	2ft
2ft	1.5	1	0.5	0	0.5	1	1.5	2ft	

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Maximum PPF: 204.3 μmol/sec/m<sup>2</sup>

Minimum PPF: 11.6 μmol/sec/m<sup>2</sup>

Average PPF: 74.7 μmol/sec/m<sup>2</sup>

Uniformity (min/max): 0.06

Power: 88.93 W

### Relative Spectral Power Distribution of Center Measurement

Wavelength Bands		PPF%	Radiometric Flux%
UV	250 - 400	NA	0.7%
Violet/Blue	400 - 500	17.3%	22.5%
Green/Yellow	500 - 580	44.3%	44.2%
Orange/Red	580 - 700	38.4%	31.3%
Far Red	700 - 780	NA	0.9%
IR	780 - 850	NA	0.3%