

IES INDOOR REPORT

PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Nick

[TESTLAB] Ningbo TengLi Testing Co., Ltd

[TESTDATE] 14 October 2019

[ISSUEDATE] 2019-10-14 11:12:16

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC.

[LUMINAIRE] FPB 24 HI UV FR 835

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
---------	------------	--------	--------	------	-------

[OTHER]	0- 10	201.77	201.77	3.20	3.20
---------	-------	--------	--------	------	------

[OTHER]	10- 20	580.33	782.10	12.40	12.40
---------	--------	--------	--------	-------	-------

[OTHER]	20- 30	886.04	1668.14	26.44	26.44
---------	--------	--------	---------	-------	-------

[OTHER]	30- 40	1078.11	2746.25	43.52	43.52
---------	--------	---------	---------	-------	-------

[OTHER]	40- 50	1128.85	3875.10	61.42	61.42
---------	--------	---------	---------	-------	-------

[OTHER]	50- 60	1028.64	4903.74	77.72	77.72
---------	--------	---------	---------	-------	-------

[OTHER]	60- 70	793.95	5697.69	90.30	90.30
---------	--------	--------	---------	-------	-------

[OTHER]	70- 80	470.59	6168.29	97.76	97.76
---------	--------	--------	---------	-------	-------

[OTHER]	80- 90	135.08	6303.36	99.90	99.90
---------	--------	--------	---------	-------	-------

[OTHER]	90-100	1.50	6304.86	99.92	99.92
---------	--------	------	---------	-------	-------

[OTHER]	100-110	1.05	6305.91	99.94	99.94
---------	---------	------	---------	-------	-------

[OTHER]	110-120	1.05	6306.96	99.96	99.96
---------	---------	------	---------	-------	-------

[OTHER]	120-130	0.77	6307.74	99.97	99.97
---------	---------	------	---------	-------	-------

[OTHER]	130-140	0.62	6308.36	99.98	99.98
---------	---------	------	---------	-------	-------

[OTHER]	140-150	0.49	6308.84	99.99	99.99
---------	---------	------	---------	-------	-------

[OTHER]	150-160	0.38	6309.23	99.99	99.99
---------	---------	------	---------	-------	-------

[OTHER]	160-170	0.27	6309.50	100.00	100.00
---------	---------	------	---------	--------	--------

[OTHER]	170-180	0.10	6309.60	100.00	100.00
---------	---------	------	---------	--------	--------

[OTHER]

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6310
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	50.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.40
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.92 ft
Luminous Width (90-270)	3.92 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2924	2962	2975
55	2809	2862	2892
65	2630	2700	2750
75	2326	2413	2509
85	1707	1782	1963

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31
1	2130.02	2129.72	2129.07	2130.28	2129.99	2129.70	2130.31	2130.30	2130.31	2130.90
2	2128.84	2128.25	2128.45	2128.38	2129.99	2130.63	2129.69	2129.40	2130.59	2129.99
3	2125.69	2126.13	2126.89	2126.49	2129.28	2128.41	2129.08	2128.22	2129.12	2128.76
4	2123.30	2122.82	2124.46	2123.91	2127.04	2126.83	2128.09	2127.02	2127.07	2126.69
5	2120.64	2119.90	2120.45	2119.56	2125.01	2124.56	2125.70	2124.58	2124.97	2125.68
6	2116.21	2115.72	2117.01	2115.61	2120.90	2121.32	2122.30	2121.36	2121.70	2122.14
7	2111.85	2111.16	2111.99	2110.85	2116.95	2117.88	2119.77	2117.74	2118.09	2117.88
8	2106.74	2106.68	2107.03	2104.56	2111.85	2113.02	2116.10	2114.23	2113.98	2113.74
9	2100.40	2100.92	2100.62	2098.52	2106.07	2108.27	2110.34	2108.71	2108.73	2108.78
10	2093.64	2093.72	2095.34	2091.73	2100.16	2102.01	2106.52	2102.28	2103.30	2102.31
11	2087.67	2086.81	2087.62	2083.08	2094.74	2096.17	2099.85	2096.76	2097.17	2096.49
12	2078.43	2078.20	2080.01	2075.96	2086.88	2088.78	2092.15	2089.50	2089.70	2089.43
13	2070.25	2069.59	2072.02	2066.42	2077.87	2080.76	2086.52	2081.70	2082.54	2081.85
14	2060.45	2060.44	2063.77	2056.64	2069.17	2071.92	2077.65	2072.25	2074.06	2073.48
15	2051.14	2050.46	2053.78	2046.40	2059.82	2062.38	2068.79	2064.22	2064.94	2065.09
16	2040.92	2039.98	2042.95	2035.20	2049.31	2052.65	2059.13	2054.58	2055.97	2055.04
17	2029.22	2027.87	2032.29	2024.07	2037.45	2042.28	2049.36	2043.96	2045.04	2045.26
18	2017.17	2016.77	2020.19	2011.22	2026.19	2031.43	2038.96	2032.98	2033.89	2033.87
19	2005.01	2003.98	2007.93	1998.63	2014.05	2018.72	2027.49	2021.49	2023.48	2021.94
20	1991.77	1990.43	1995.81	1983.81	2000.89	2006.57	2014.60	2008.96	2010.47	2010.49
21	1977.89	1977.18	1981.54	1970.40	1987.66	1994.23	2001.76	1996.21	1997.78	1997.26
22	1963.25	1962.16	1967.70	1954.60	1972.17	1979.49	1988.56	1982.18	1984.28	1983.41
23	1948.34	1947.01	1952.66	1939.92	1958.01	1964.99	1974.22	1967.38	1969.23	1969.71
24	1931.78	1930.51	1937.25	1922.75	1941.55	1950.45	1959.64	1952.29	1953.85	1953.84
25	1914.60	1914.50	1921.03	1906.86	1924.94	1934.56	1943.95	1936.99	1938.07	1938.44
26	1897.49	1896.49	1904.01	1889.68	1907.24	1918.12	1928.07	1920.20	1921.15	1922.36
27	1879.57	1879.20	1886.74	1870.83	1890.48	1901.55	1910.85	1903.18	1904.18	1905.81
28	1860.41	1860.57	1868.42	1851.49	1872.63	1883.62	1893.05	1885.82	1885.95	1888.58
29	1841.03	1842.04	1849.84	1832.54	1852.78	1865.29	1874.94	1868.65	1867.95	1869.46
30	1821.03	1821.99	1829.95	1812.66	1833.05	1847.15	1855.92	1848.13	1848.73	1851.37
31	1799.73	1802.01	1809.99	1792.12	1813.86	1827.76	1835.22	1829.01	1828.83	1831.78
32	1778.32	1780.88	1789.03	1771.11	1792.97	1806.52	1815.13	1808.60	1807.94	1811.69
33	1755.76	1759.32	1767.96	1748.69	1771.32	1785.97	1794.54	1787.94	1786.73	1790.31
34	1733.21	1736.34	1745.87	1726.48	1749.66	1764.71	1772.75	1766.58	1764.03	1769.04
35	1709.39	1713.92	1722.26	1703.01	1727.94	1742.05	1750.40	1743.73	1741.93	1747.53
36	1685.21	1690.74	1699.20	1680.59	1703.61	1719.40	1727.00	1721.60	1718.54	1724.89
37	1660.70	1666.53	1675.05	1656.22	1679.01	1696.73	1705.03	1698.33	1695.45	1701.69
38	1635.62	1642.63	1650.34	1631.57	1654.97	1673.25	1679.92	1674.11	1671.46	1677.83
39	1609.12	1617.01	1625.28	1606.90	1629.93	1648.97	1654.82	1651.04	1646.14	1653.18
40	1582.65	1590.98	1599.36	1581.71	1604.25	1623.32	1629.70	1624.96	1620.02	1628.54
41	1555.75	1564.87	1573.29	1554.63	1578.13	1597.07	1603.52	1598.89	1593.90	1603.86
42	1528.54	1538.07	1545.77	1528.27	1551.18	1570.88	1577.37	1572.80	1567.77	1576.51
43	1500.01	1510.75	1518.20	1500.93	1524.17	1543.73	1550.03	1545.57	1540.30	1549.53
44	1470.84	1482.06	1489.62	1473.07	1496.18	1516.63	1521.73	1518.01	1511.95	1521.57
45	1442.51	1453.13	1461.26	1445.31	1467.62	1488.12	1493.63	1489.78	1483.92	1493.30
46	1412.21	1424.14	1431.13	1415.81	1438.41	1460.05	1464.46	1461.59	1454.75	1464.45
47	1382.03	1394.45	1401.33	1386.51	1409.34	1430.38	1434.94	1431.68	1424.57	1435.24
48	1351.33	1364.31	1371.40	1357.69	1379.26	1400.94	1405.40	1402.35	1395.12	1405.12
49	1320.08	1333.74	1340.70	1327.40	1349.15	1370.23	1375.13	1371.65	1364.56	1374.96
50	1288.86	1302.55	1309.09	1296.12	1318.50	1339.78	1343.88	1340.94	1333.62	1344.10
51	1256.79	1270.73	1277.09	1265.27	1286.76	1308.01	1313.06	1309.81	1302.26	1312.70
52	1224.01	1238.67	1245.47	1234.37	1254.58	1276.04	1280.75	1278.00	1269.97	1280.23
53	1191.12	1206.93	1212.43	1202.10	1223.09	1243.84	1249.06	1245.41	1237.65	1247.41

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION - (Cont.)

54	1157.56	1172.59	1179.11	1169.35	1190.54	1211.66	1215.87	1213.01	1204.48	1214.81
55	1124.13	1139.15	1145.46	1136.16	1157.49	1178.14	1182.47	1179.18	1170.88	1181.73
56	1090.37	1105.49	1112.09	1103.14	1124.28	1144.48	1149.23	1146.22	1137.24	1147.65
57	1055.84	1071.10	1077.77	1069.77	1090.78	1110.69	1115.09	1111.80	1103.61	1113.03
58	1021.72	1036.41	1042.85	1035.22	1056.90	1076.24	1080.62	1077.68	1069.04	1078.58
59	986.06	1001.51	1007.69	1000.98	1022.50	1041.83	1046.12	1043.05	1034.43	1043.88
60	951.44	965.96	972.63	966.36	987.70	1006.49	1011.03	1007.98	999.81	1008.72
61	915.77	930.92	937.34	931.29	953.20	971.40	975.95	972.79	964.24	972.89
62	881.13	894.81	902.20	897.84	918.27	935.87	940.68	937.37	929.34	937.58
63	845.90	859.51	867.07	864.40	882.67	899.89	904.20	901.45	893.47	900.89
64	810.64	824.22	831.93	828.98	846.71	863.81	868.33	865.35	857.73	865.24
65	775.38	788.94	796.02	793.74	810.94	828.27	831.87	829.55	822.15	828.64
66	739.12	752.92	759.52	758.08	774.75	791.56	796.01	793.64	785.84	792.28
67	703.54	716.50	722.99	722.17	738.95	755.61	759.32	756.76	749.67	756.12
68	667.72	680.41	686.65	686.20	703.26	718.67	722.78	720.58	713.47	718.94
69	631.57	643.84	649.93	650.29	667.33	682.45	686.40	684.47	677.67	682.89
70	595.48	607.53	613.76	613.86	631.20	646.08	649.22	647.90	641.15	645.63
71	559.93	572.06	577.75	578.51	594.94	609.45	613.16	611.73	604.95	609.35
72	524.79	535.57	541.85	543.00	558.81	573.25	577.23	575.65	569.36	573.47
73	489.28	500.01	505.63	506.93	523.37	536.97	540.89	539.89	533.60	537.07
74	455.00	464.89	470.42	472.77	488.23	501.35	505.28	504.12	498.03	501.08
75	420.09	429.43	435.68	437.28	453.00	465.61	469.59	468.85	463.54	465.73
76	386.06	395.39	400.93	403.28	417.92	430.24	434.53	433.95	428.62	430.55
77	352.27	361.32	367.05	368.66	382.40	395.24	399.27	399.06	394.41	396.09
78	319.14	327.64	333.18	335.02	347.90	360.82	365.22	365.12	360.60	361.66
79	286.36	294.21	300.21	299.89	312.61	325.48	331.75	330.93	326.65	327.67
80	254.16	261.18	267.49	266.53	278.58	290.51	298.16	297.77	293.70	294.01
81	222.72	229.15	234.66	233.49	245.44	256.06	265.40	265.36	261.62	261.67
82	191.70	198.50	201.84	201.05	212.35	222.68	231.95	232.93	229.46	229.49
83	161.85	168.40	169.96	169.37	180.26	189.99	198.92	201.44	198.11	197.63
84	132.30	138.13	139.00	139.03	149.16	158.47	166.84	170.42	167.44	166.97
85	103.80	108.04	108.34	109.58	119.36	127.52	135.25	140.41	137.80	136.78
86	76.16	78.66	79.66	81.31	90.58	97.92	105.07	110.79	109.25	107.53
87	49.87	51.18	51.86	54.49	62.99	69.85	75.86	81.14	80.80	78.20
88	24.99	25.44	27.28	31.03	38.84	43.62	48.64	53.07	54.29	49.57
89	5.90	7.01	9.08	12.12	18.00	21.78	24.03	27.18	28.88	23.84
90	0.93	1.18	0.88	1.73	4.01	6.40	7.76	8.59	8.74	19.25
91	0.85	1.01	0.59	0.52	0.44	0.46	0.56	0.75	0.80	14.66
92	0.83	0.98	0.56	0.49	0.45	0.47	0.57	0.78	0.80	10.07
93	0.83	0.98	0.54	0.46	0.46	0.48	0.57	0.75	0.83	5.49
94	0.96	1.09	0.54	0.43	0.46	0.50	0.58	0.81	0.88	0.90
95	1.09	1.20	0.54	0.43	0.47	0.51	0.59	0.86	0.91	0.90
96	1.17	1.20	0.53	0.43	0.48	0.52	0.60	0.89	0.96	0.95
97	1.25	1.25	0.53	0.43	0.49	0.49	0.61	0.94	1.02	1.04
98	1.34	1.33	0.53	0.43	0.50	0.52	0.67	1.02	1.15	1.14
99	1.36	1.36	0.55	0.43	0.53	0.52	0.64	1.13	1.20	1.25
100	1.42	1.35	0.57	0.43	0.56	0.55	0.69	1.24	1.31	1.34
101	1.49	1.35	0.58	0.43	0.61	0.61	0.75	1.35	1.39	1.44
102	1.55	1.34	0.60	0.43	0.59	0.63	0.72	1.40	1.50	1.50
103	1.53	1.33	0.62	0.43	0.67	0.66	0.81	1.46	1.58	1.51
104	1.51	1.32	0.73	0.43	0.64	0.72	0.78	1.56	1.69	1.53
105	1.50	1.32	0.76	0.43	0.73	0.75	0.81	1.55	1.77	1.54
106	1.48	1.31	0.79	0.43	0.79	0.75	0.89	1.54	1.87	1.56
107	1.46	1.30	0.82	0.43	0.82	0.78	0.92	1.53	1.95	1.57
108	1.44	1.29	0.87	0.43	0.82	0.81	0.97	1.51	1.92	1.59
109	1.44	1.29	1.01	0.43	0.88	0.86	0.97	1.50	1.95	1.60

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION - (Cont.)

110	1.39	1.28	1.04	0.43	0.88	0.87	1.03	1.49	1.87	1.62
111	1.34	1.22	1.13	0.43	0.94	0.92	1.17	1.48	1.79	1.63
112	1.28	1.14	1.21	0.43	0.97	0.95	1.22	1.47	1.82	1.58
113	1.23	1.03	1.27	0.49	0.99	0.98	1.23	1.45	1.71	1.60
114	1.15	0.90	1.25	0.52	0.99	0.98	1.24	1.43	1.68	1.44
115	1.04	0.76	1.24	0.55	1.02	1.04	1.24	1.35	1.65	1.41
116	0.99	0.68	1.23	0.58	1.08	1.07	1.25	1.24	1.58	1.30
117	0.88	0.52	1.22	0.61	1.05	1.09	1.26	1.24	1.55	1.20
118	0.78	0.50	1.21	0.64	1.05	1.06	1.26	1.13	1.36	1.14
119	0.64	0.48	1.18	0.66	1.08	1.08	1.27	0.86	1.23	0.98
120	0.59	0.45	1.15	0.69	1.08	1.09	1.28	0.72	1.17	0.81
121	0.57	0.43	1.10	0.72	1.11	1.10	1.28	0.70	1.07	0.65
122	0.56	0.43	1.07	0.75	1.08	1.11	1.29	0.68	0.83	0.44
123	0.54	0.43	1.01	0.78	1.14	1.12	1.30	0.65	0.72	0.44
124	0.52	0.44	1.01	0.84	1.14	1.18	1.31	0.63	0.71	0.44
125	0.53	0.44	1.04	0.81	1.17	1.21	1.28	0.60	0.69	0.44
126	0.53	0.44	0.96	0.81	1.20	1.21	1.25	0.58	0.68	0.44
127	0.53	0.44	0.93	0.81	1.26	1.27	1.25	0.55	0.67	0.44
128	0.54	0.44	0.93	0.81	1.32	1.27	1.22	0.53	0.66	0.45
129	0.54	0.44	0.96	0.81	1.32	1.27	1.22	0.51	0.65	0.45
130	0.54	0.44	0.90	0.81	1.33	1.27	1.19	0.48	0.63	0.45
131	0.55	0.44	0.90	0.81	1.34	1.27	1.19	0.46	0.62	0.45
132	0.55	0.44	0.85	0.81	1.35	1.28	1.17	0.46	0.61	0.45
133	0.56	0.45	0.82	0.81	1.35	1.28	1.11	0.46	0.60	0.46
134	0.56	0.45	0.79	0.81	1.36	1.28	1.00	0.47	0.59	0.46
135	0.56	0.45	0.82	0.81	1.37	1.28	0.99	0.47	0.59	0.46
136	0.57	0.45	0.76	0.81	1.37	1.28	0.99	0.49	0.60	0.46
137	0.57	0.45	0.70	0.81	1.37	1.29	0.98	0.50	0.60	0.46
138	0.57	0.45	0.68	0.81	1.40	1.29	0.98	0.51	0.61	0.44
139	0.58	0.45	0.65	0.81	1.43	1.29	0.97	0.53	0.61	0.49
140	0.58	0.45	0.62	0.81	1.43	1.29	0.97	0.54	0.59	0.46
141	0.58	0.46	0.60	0.81	1.44	1.29	0.97	0.57	0.61	0.52
142	0.59	0.46	0.59	0.81	1.44	1.30	0.96	0.57	0.62	0.49
143	0.59	0.46	0.57	0.81	1.44	1.30	0.96	0.59	0.67	0.52
144	0.59	0.46	0.57	0.81	1.44	1.30	0.95	0.62	0.64	0.54
145	0.60	0.46	0.57	0.81	1.44	1.31	0.95	0.62	0.66	0.54
146	0.60	0.46	0.57	0.81	1.44	1.31	0.94	0.65	0.68	0.57
147	0.60	0.46	0.57	0.81	1.45	1.32	0.94	0.65	0.71	0.60
148	0.61	0.44	0.57	0.81	1.45	1.32	0.93	0.67	0.73	0.65
149	0.61	0.49	0.57	0.81	1.45	1.33	0.93	0.67	0.75	0.63
150	0.61	0.52	0.57	0.81	1.45	1.34	0.92	0.73	0.77	0.68
151	0.59	0.57	0.57	0.81	1.45	1.34	0.92	0.74	0.79	0.71
152	0.67	0.60	0.57	0.81	1.45	1.35	0.89	0.75	0.81	0.74
153	0.67	0.63	0.57	0.81	1.46	1.35	0.95	0.76	0.83	0.76
154	0.72	0.68	0.56	0.81	1.46	1.35	0.97	0.77	0.83	0.78
155	0.72	0.73	0.56	0.81	1.46	1.38	1.03	0.78	0.86	0.81
156	0.73	0.74	0.56	0.81	1.46	1.38	1.06	0.76	0.88	0.83
157	0.73	0.74	0.56	0.81	1.46	1.41	1.08	0.76	0.88	0.85
158	0.74	0.75	0.56	0.81	1.49	1.44	1.11	0.77	0.91	0.87
159	0.74	0.75	0.56	0.81	1.52	1.44	1.17	0.77	0.91	0.92
160	0.74	0.76	0.62	0.81	1.52	1.44	1.25	0.78	0.92	0.93
161	0.75	0.77	0.70	0.81	1.58	1.43	1.28	0.79	0.92	0.93
162	0.77	0.79	0.76	0.84	1.58	1.43	1.28	0.79	0.93	0.93
163	0.75	0.81	0.77	0.95	1.61	1.43	1.28	0.80	0.93	0.93
164	0.77	0.83	0.78	1.16	1.67	1.43	1.29	0.81	0.94	0.93
165	0.77	0.84	0.79	1.16	1.67	1.43	1.29	0.80	0.94	0.93

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION - (Cont.)

166	0.80	0.87	0.80	1.17	1.68	1.43	1.29	0.80	0.95	0.93
167	0.83	0.90	0.82	1.18	1.68	1.42	1.30	0.80	0.95	0.93
168	0.88	0.92	0.81	1.19	1.68	1.42	1.30	0.79	0.96	0.93
169	0.86	0.92	0.81	1.20	1.69	1.42	1.30	0.79	0.96	0.93
170	0.91	0.92	0.81	1.21	1.69	1.42	1.31	0.78	0.91	0.93
171	0.91	0.92	0.80	1.22	1.70	1.42	1.29	0.78	0.90	0.93
172	0.91	0.91	0.80	1.23	1.70	1.42	1.28	0.77	0.90	0.92
173	0.91	0.91	0.80	1.24	1.71	1.42	1.26	0.77	0.90	0.92
174	0.91	0.91	0.80	1.25	1.71	1.41	1.25	0.77	0.89	0.92
175	0.91	0.90	0.79	1.25	1.72	1.41	1.24	0.76	0.89	0.92
176	0.91	0.90	0.79	1.26	1.72	1.41	1.22	0.76	0.89	0.92
177	0.91	0.90	0.79	1.27	1.72	1.41	1.22	0.75	0.88	0.92
178	0.91	0.90	0.79	1.27	1.72	1.41	1.22	0.75	0.88	0.92
179	0.91	0.90	0.79	1.27	1.72	1.41	1.22	0.75	0.88	0.92
180	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91	0.91

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31	2130.31
1	2130.61	2131.20	2130.32	2129.07	2129.12	2129.15	2130.02
2	2129.37	2129.61	2128.13	2126.87	2127.25	2127.67	2128.84
3	2129.05	2128.34	2125.52	2124.98	2124.84	2124.67	2125.69
4	2127.19	2127.02	2121.99	2121.51	2122.38	2122.64	2123.30
5	2124.98	2124.19	2118.09	2118.31	2118.11	2119.10	2120.64
6	2122.46	2120.91	2113.89	2112.98	2113.19	2114.96	2116.21
7	2119.69	2116.21	2108.81	2108.15	2109.25	2110.18	2111.85
8	2114.92	2111.65	2101.80	2101.81	2103.80	2105.73	2106.74
9	2109.08	2106.27	2095.87	2095.21	2097.00	2097.92	2100.40
10	2103.86	2100.27	2088.17	2087.63	2090.27	2091.65	2093.64
11	2097.55	2092.87	2079.45	2080.62	2083.22	2083.61	2087.67
12	2090.61	2086.03	2071.19	2072.28	2074.52	2076.32	2078.43
13	2082.72	2077.30	2061.96	2062.86	2066.00	2066.37	2070.25
14	2074.46	2068.13	2051.48	2052.81	2056.03	2056.36	2060.45
15	2066.92	2058.56	2040.63	2041.54	2047.90	2046.70	2051.14
16	2056.89	2049.50	2029.46	2030.51	2036.08	2036.05	2040.92
17	2046.72	2038.05	2017.12	2017.70	2023.92	2024.41	2029.22
18	2036.13	2026.87	2002.87	2005.68	2012.60	2012.00	2017.17
19	2025.14	2014.34	1989.50	1992.45	1999.93	1999.31	2005.01
20	2013.32	2001.53	1975.95	1978.22	1985.85	1986.37	1991.77
21	2000.27	1988.15	1960.76	1962.96	1971.06	1971.36	1977.89
22	1987.82	1973.47	1944.31	1948.16	1956.52	1956.65	1963.25
23	1973.37	1958.86	1929.45	1931.84	1941.62	1940.55	1948.34
24	1958.80	1943.11	1911.65	1915.59	1925.85	1924.72	1931.78
25	1943.54	1927.60	1894.34	1897.87	1909.17	1907.34	1914.60
26	1927.82	1910.29	1876.01	1880.17	1892.35	1890.30	1897.49
27	1911.86	1893.19	1856.45	1861.82	1873.78	1872.34	1879.57
28	1894.08	1875.32	1837.73	1843.18	1855.72	1853.09	1860.41
29	1876.09	1856.18	1817.83	1822.96	1835.53	1833.84	1841.03
30	1857.44	1837.67	1796.20	1803.15	1815.58	1814.45	1821.03
31	1837.55	1817.12	1774.77	1782.06	1794.69	1793.37	1799.73
32	1818.03	1796.40	1753.73	1760.66	1773.72	1772.30	1778.32
33	1797.40	1774.96	1730.20	1738.61	1751.36	1750.59	1755.76
34	1775.30	1752.06	1707.64	1715.95	1728.79	1727.60	1733.21
35	1754.07	1729.17	1683.99	1693.01	1705.35	1704.44	1709.39
36	1731.11	1706.31	1660.36	1669.37	1681.11	1680.52	1685.21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION - (Cont.)

37	1707.71	1685.24	1635.77	1644.11	1657.08	1656.59	1660.70
38	1684.31	1660.84	1610.16	1619.58	1632.28	1631.81	1635.62
39	1660.85	1636.43	1585.10	1594.46	1607.47	1606.49	1609.12
40	1634.24	1610.86	1558.02	1568.59	1580.21	1580.35	1582.65
41	1608.00	1584.88	1531.57	1542.01	1553.80	1553.22	1555.75
42	1581.12	1558.08	1504.39	1514.48	1526.45	1526.08	1528.54
43	1554.04	1531.06	1477.64	1487.81	1499.14	1499.01	1500.01
44	1525.88	1502.70	1449.38	1459.30	1470.41	1470.67	1470.84
45	1497.23	1474.92	1420.26	1430.62	1440.89	1441.72	1442.51
46	1468.76	1446.13	1390.35	1401.55	1412.15	1412.26	1412.21
47	1438.57	1416.29	1361.12	1372.16	1381.65	1382.21	1382.03
48	1408.36	1387.02	1331.20	1342.21	1351.78	1351.89	1351.33
49	1377.64	1356.37	1301.26	1311.93	1320.79	1320.79	1320.08
50	1346.41	1325.36	1270.36	1281.00	1289.04	1290.22	1288.86
51	1314.24	1293.72	1239.24	1249.90	1257.62	1257.33	1256.79
52	1281.77	1261.81	1207.37	1218.18	1226.02	1225.81	1224.01
53	1249.42	1229.52	1175.86	1185.98	1193.30	1193.04	1191.12
54	1215.76	1196.89	1142.93	1152.81	1159.90	1160.17	1157.56
55	1182.09	1163.69	1110.06	1120.02	1126.37	1126.76	1124.13
56	1147.97	1129.82	1076.72	1086.57	1093.00	1092.34	1090.37
57	1113.76	1095.57	1043.48	1053.12	1058.72	1058.39	1055.84
58	1078.58	1061.07	1009.69	1018.60	1024.07	1023.23	1021.72
59	1043.81	1026.05	975.40	983.62	989.66	989.02	986.06
60	1008.72	991.17	940.31	949.93	954.14	953.34	951.44
61	972.56	955.80	907.58	915.78	919.70	918.52	915.77
62	937.07	920.66	874.87	881.62	884.61	882.94	881.13
63	900.44	884.57	840.06	847.46	849.51	848.08	845.90
64	863.73	848.20	804.70	812.12	814.41	813.22	810.64
65	827.11	812.87	770.24	776.68	778.81	778.36	775.38
66	790.37	776.31	734.70	740.78	742.59	741.85	739.12
67	753.36	739.89	699.85	705.73	706.43	705.94	703.54
68	716.66	703.30	665.02	670.14	670.62	670.00	667.72
69	680.18	667.05	629.77	634.36	634.98	634.25	631.57
70	643.36	630.85	594.55	598.93	598.80	598.04	595.48
71	606.62	594.34	559.59	563.69	563.14	562.56	559.93
72	570.13	558.50	524.64	528.69	527.71	526.93	524.79
73	534.03	522.95	489.99	493.78	492.14	491.59	489.28
74	498.17	487.12	456.20	458.90	457.47	456.77	455.00
75	462.40	452.15	422.34	424.57	422.90	422.10	420.09
76	427.16	417.12	389.37	390.71	389.57	387.86	386.06
77	391.81	382.67	356.43	356.96	355.45	354.28	352.27
78	357.92	348.99	323.53	324.01	322.11	321.07	319.14
79	324.18	315.25	290.99	291.36	289.81	287.88	286.36
80	291.11	281.83	259.31	258.95	257.67	255.59	254.16
81	258.92	248.85	226.96	227.03	225.59	223.87	222.72
82	226.01	215.79	195.30	194.84	194.18	193.11	191.70
83	193.93	183.32	164.22	163.46	163.27	162.39	161.85
84	161.84	151.52	134.88	133.02	132.06	133.22	132.30
85	130.13	120.98	105.12	103.48	101.80	103.90	103.80
86	99.62	90.92	77.63	74.60	72.90	74.89	76.16
87	69.96	62.31	51.39	47.93	45.57	47.32	49.87
88	42.39	37.00	29.36	25.88	22.38	22.13	24.99
89	19.40	16.38	11.29	8.86	6.97	5.94	5.90
90	4.94	14.40	1.34	0.84	0.71	1.05	0.93
91	0.65	12.42	0.52	0.49	0.53	0.86	0.85
92	0.66	10.44	0.44	0.43	0.53	0.86	0.83

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION - (Cont.)

93	0.67	8.47	0.44	0.43	0.47	0.89	0.83
94	0.68	6.49	0.44	0.43	0.50	1.15	0.96
95	0.69	4.51	0.44	0.44	0.52	1.16	1.09
96	0.70	2.53	0.43	0.44	0.54	1.21	1.17
97	0.70	0.55	0.43	0.44	0.55	1.26	1.25
98	0.73	0.58	0.43	0.44	0.57	1.32	1.34
99	0.76	0.61	0.43	0.44	0.59	1.32	1.36
100	0.82	0.61	0.43	0.44	0.61	1.31	1.42
101	0.85	0.67	0.43	0.45	0.63	1.31	1.49
102	0.90	0.72	0.42	0.45	0.65	1.31	1.55
103	0.96	0.72	0.42	0.45	0.67	1.31	1.53
104	1.07	0.75	0.42	0.45	0.75	1.31	1.51
105	1.10	0.81	0.42	0.45	0.75	1.30	1.50
106	1.15	0.84	0.42	0.45	0.80	1.30	1.48
107	1.24	0.90	0.42	0.46	0.89	1.30	1.46
108	1.33	0.93	0.42	0.46	0.97	1.30	1.44
109	1.41	0.95	0.41	0.46	1.03	1.30	1.44
110	1.44	0.98	0.41	0.46	1.05	1.29	1.39
111	1.44	1.07	0.41	0.52	1.11	1.21	1.34
112	1.44	1.10	0.41	0.52	1.19	1.13	1.28
113	1.44	1.14	0.44	0.69	1.22	1.10	1.23
114	1.44	1.18	0.45	0.72	1.25	0.95	1.15
115	1.44	1.22	0.46	0.75	1.22	0.84	1.04
116	1.46	1.26	0.46	0.76	1.22	0.65	0.99
117	1.46	1.30	0.47	0.76	1.25	0.49	0.88
118	1.46	1.27	0.48	0.77	1.19	0.43	0.78
119	1.46	1.33	0.49	0.78	1.17	0.40	0.64
120	1.45	1.30	0.50	0.79	1.14	0.43	0.59
121	1.45	1.30	0.51	0.79	1.11	0.40	0.57
122	1.45	1.31	0.54	0.79	1.08	0.35	0.56
123	1.44	1.31	0.56	0.79	1.08	0.38	0.54
124	1.44	1.31	0.59	0.79	1.03	0.38	0.52
125	1.44	1.32	0.62	0.79	1.05	0.38	0.53
126	1.44	1.32	0.64	0.79	1.03	0.38	0.53
127	1.43	1.33	0.67	0.79	1.00	0.38	0.53
128	1.38	1.33	0.67	0.79	0.97	0.38	0.54
129	1.35	1.34	0.69	0.78	0.94	0.38	0.54
130	1.29	1.34	0.71	0.78	0.86	0.38	0.54
131	1.24	1.35	0.73	0.78	0.83	0.38	0.55
132	1.24	1.35	0.75	0.78	0.81	0.38	0.55
133	1.21	1.35	0.76	0.78	0.78	0.38	0.56
134	1.21	1.36	0.78	0.78	0.70	0.38	0.56
135	1.12	1.30	0.80	0.78	0.67	0.38	0.56
136	0.98	1.30	0.82	0.78	0.61	0.38	0.57
137	0.84	1.27	0.82	0.78	0.56	0.38	0.57
138	0.84	1.26	0.82	0.78	0.53	0.38	0.57
139	0.76	1.25	0.82	0.78	0.53	0.38	0.58
140	0.76	1.24	0.82	0.78	0.50	0.38	0.58
141	0.73	1.23	0.82	0.78	0.47	0.38	0.58
142	0.76	1.24	0.83	0.78	0.44	0.40	0.59
143	0.73	1.24	0.84	0.78	0.42	0.41	0.59
144	0.72	1.24	0.84	0.78	0.42	0.41	0.59
145	0.72	1.24	0.85	0.78	0.42	0.42	0.60
146	0.71	1.24	0.86	0.75	0.42	0.43	0.60
147	0.70	1.24	0.86	0.72	0.42	0.43	0.60
148	0.69	1.19	0.87	0.75	0.42	0.46	0.61

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

CANDELA TABULATION - (Cont.)

149	0.69	1.14	0.88	0.72	0.42	0.51	0.61
150	0.68	1.09	0.88	0.72	0.42	0.51	0.61
151	0.67	1.05	0.89	0.72	0.42	0.51	0.59
152	0.66	1.00	0.89	0.72	0.42	0.51	0.67
153	0.65	0.95	0.90	0.72	0.42	0.51	0.67
154	0.65	0.95	0.91	0.72	0.42	0.51	0.72
155	0.65	0.90	0.91	0.72	0.42	0.51	0.72
156	0.68	0.89	0.92	0.72	0.42	0.51	0.73
157	0.65	0.89	0.93	0.72	0.42	0.56	0.73
158	0.70	0.88	0.93	0.72	0.42	0.62	0.74
159	0.76	0.88	0.94	0.72	0.42	0.65	0.74
160	0.76	0.88	0.94	0.72	0.42	0.70	0.74
161	0.79	0.87	0.95	0.72	0.42	0.73	0.75
162	0.82	0.87	0.96	0.72	0.42	0.73	0.77
163	0.84	0.86	0.96	0.72	0.47	0.73	0.75
164	0.87	0.86	1.16	0.80	0.47	0.73	0.77
165	0.90	0.86	1.23	0.92	0.55	0.73	0.77
166	0.93	0.85	1.26	0.98	0.67	0.73	0.80
167	0.93	0.85	1.27	1.09	0.67	0.73	0.83
168	0.93	0.84	1.29	1.15	0.69	0.75	0.88
169	0.93	0.84	1.30	1.15	0.78	0.81	0.86
170	0.93	0.84	1.32	1.21	0.75	0.81	0.91
171	0.93	0.83	1.33	1.21	0.75	0.84	0.91
172	0.93	0.83	1.35	1.21	0.76	0.86	0.91
173	0.93	0.83	1.37	1.21	0.76	0.87	0.91
174	0.93	0.82	1.38	1.21	0.77	0.87	0.91
175	0.93	0.82	1.40	1.21	0.77	0.88	0.91
176	0.93	0.81	1.40	1.21	0.77	0.88	0.91
177	0.93	0.81	1.40	1.24	0.78	0.89	0.91
178	0.93	0.81	1.46	1.27	0.78	0.89	0.91
179	0.93	0.81	1.43	1.27	0.78	0.89	0.91
180	0.91	0.91	0.91	0.91	0.91	0.91	0.91

IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	782.10	N.A.	12.40
0-30	1668.14	N.A.	26.40
0-40	2746.25	N.A.	43.50
0-60	4903.75	N.A.	77.70
0-80	6168.29	N.A.	97.80
0-90	6303.37	N.A.	99.90
10-90	6101.6	N.A.	96.70
20-40	1964.15	N.A.	31.10
20-50	3093.00	N.A.	49.00
40-70	2951.45	N.A.	46.80
60-80	1264.55	N.A.	20.00
70-80	470.59	N.A.	7.50
80-90	135.08	N.A.	2.10
90-110	2.55	N.A.	0.00
90-120	3.60	N.A.	0.10
90-130	4.38	N.A.	0.10
90-150	5.48	N.A.	0.10
90-180	6.24	N.A.	0.10
110-180	3.69	N.A.	0.10
0-180	6309.61	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	201.77
10-20	580.33
20-30	886.04
30-40	1078.11
40-50	1128.85
50-60	1028.64
60-70	793.95
70-80	470.59
80-90	135.08
90-100	1.50
100-110	1.05
110-120	1.05
120-130	0.77
130-140	0.62
140-150	0.49
150-160	0.38
160-170	0.27
170-180	0.10

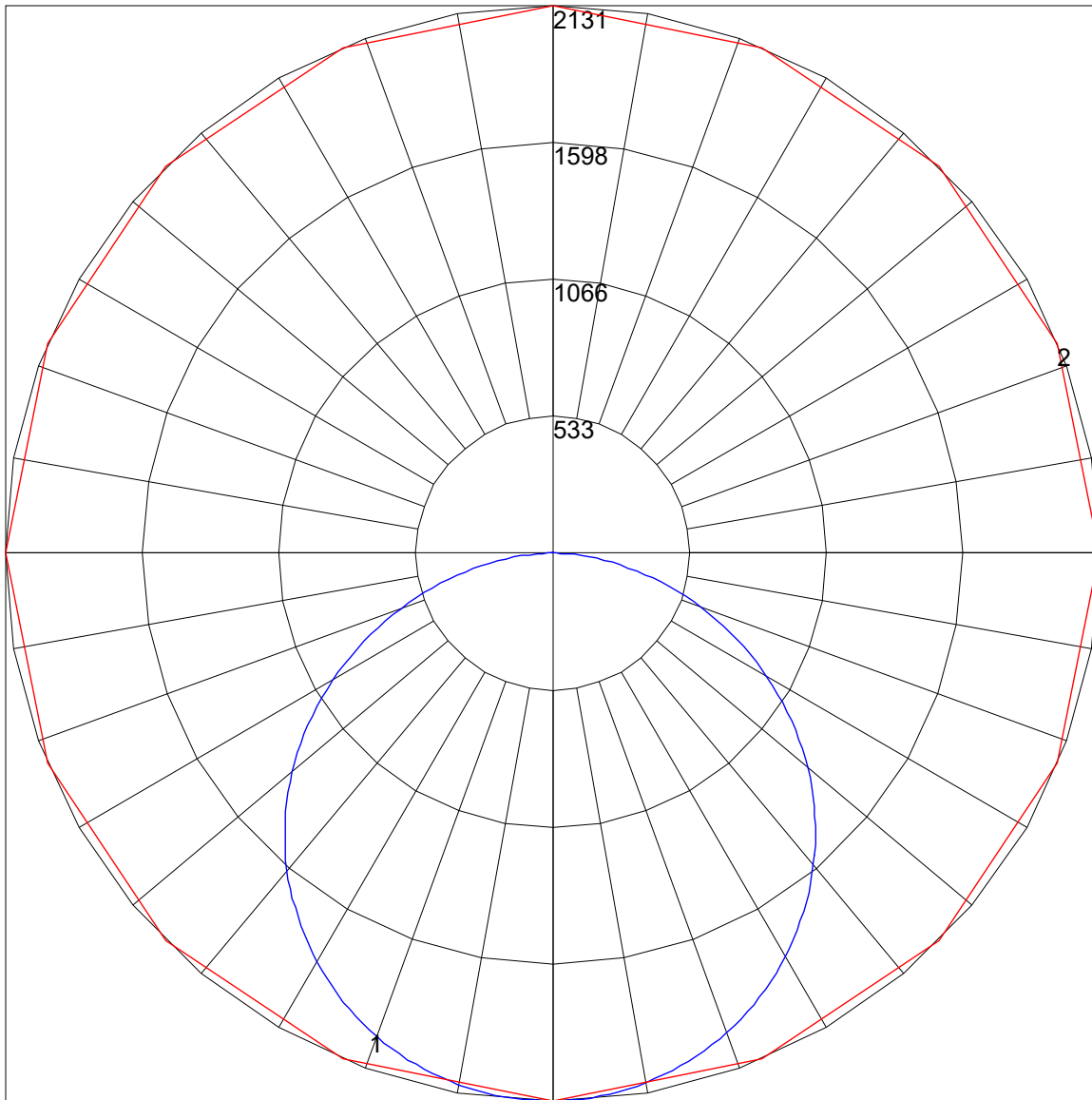
IES INDOOR REPORT
PHOTOMETRIC FILENAME : FPB 24 HI UV FR 835.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	104	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	84	79	74	81	77	73	78	74	71	69
3	90	79	70	64	87	77	69	63	74	68	62	71	66	61	69	64	60	58
4	82	70	61	54	80	68	60	53	66	58	53	63	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	26	37	30	25	36	30	25	23

POLAR GRAPH



Maximum Candela = 2131.2 Located At Horizontal Angle = 247.5, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (247.5 - 67.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)