

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT7.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3220516-20769E-10
[TESTLAB] BEGHELLI
[TESTDATE] 2022-05-18
[ISSUEDATE] 2022-06-02 08:28:52
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] PSFHT7
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6601
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	52.2
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.10
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.20 m
Luminous Width (90-270)	0.12 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	108017	92413	88512
55	102343	84048	78675
65	89094	67192	59065
75	63027	36968	29220
85	19320	10188	9166

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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	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86
1	2746.84	2743.66	2747.92	2747.56	2747.36	2748.15	2747.12	2750.84	2746.51	2733.97
2	2746.81	2746.47	2744.58	2739.83	2744.85	2747.53	2745.22	2748.40	2741.45	2738.07
3	2744.69	2734.90	2737.27	2737.88	2732.52	2738.37	2733.06	2744.71	2742.06	2726.34
4	2746.75	2741.21	2733.18	2725.96	2723.72	2727.79	2732.48	2739.64	2739.95	2720.22
5	2738.59	2723.96	2725.51	2704.61	2698.96	2708.93	2724.46	2733.17	2733.43	2706.79
6	2737.13	2721.66	2711.83	2677.02	2667.84	2682.65	2705.64	2736.46	2731.94	2704.94
7	2728.54	2709.46	2689.85	2645.95	2634.33	2652.36	2687.72	2722.30	2716.75	2686.76
8	2722.41	2701.44	2662.40	2625.93	2605.39	2620.32	2671.84	2710.84	2710.20	2671.26
9	2717.75	2689.42	2635.81	2590.32	2571.99	2598.72	2643.40	2697.47	2703.82	2654.56
10	2711.03	2676.04	2610.22	2557.86	2537.95	2563.41	2614.67	2685.84	2697.63	2640.99
11	2700.13	2656.82	2583.75	2523.09	2499.73	2531.20	2591.63	2680.18	2684.88	2621.79
12	2684.25	2646.78	2557.17	2485.26	2461.64	2497.80	2566.83	2662.08	2677.27	2608.77
13	2675.81	2625.36	2527.23	2449.45	2423.36	2460.29	2534.38	2644.70	2662.99	2589.06
14	2666.78	2606.49	2494.24	2417.34	2397.13	2427.14	2512.57	2623.15	2649.60	2566.97
15	2649.73	2579.80	2467.49	2386.05	2370.89	2394.80	2474.52	2607.07	2634.80	2543.65
16	2637.31	2558.56	2435.31	2358.49	2338.84	2366.88	2440.19	2583.38	2616.02	2522.75
17	2619.17	2530.63	2401.07	2332.02	2311.52	2337.22	2410.40	2560.47	2597.96	2499.03
18	2604.13	2504.41	2375.14	2311.79	2288.07	2308.50	2380.93	2538.32	2587.09	2470.19
19	2588.22	2479.48	2345.77	2279.75	2261.38	2284.02	2353.49	2511.80	2567.32	2441.39
20	2572.79	2449.39	2315.00	2262.74	2236.48	2261.50	2321.90	2486.07	2549.05	2413.29
21	2556.61	2423.02	2288.33	2233.34	2212.76	2241.17	2295.92	2457.75	2527.79	2383.79
22	2528.85	2395.14	2262.47	2210.49	2188.34	2215.90	2264.56	2431.61	2509.18	2354.90
23	2503.75	2366.93	2235.14	2183.59	2167.81	2187.87	2235.64	2403.54	2480.92	2329.49
24	2492.51	2340.99	2205.87	2156.74	2142.72	2159.67	2212.00	2373.43	2462.90	2295.34
25	2468.28	2293.50	2185.80	2131.07	2119.79	2134.12	2185.59	2343.60	2440.90	2263.91
26	2441.90	2276.72	2158.17	2108.98	2096.79	2110.26	2157.28	2311.35	2414.34	2236.02
27	2425.79	2247.37	2135.45	2084.68	2072.73	2084.94	2136.65	2283.19	2387.73	2200.42
28	2392.68	2213.89	2111.37	2058.12	2049.12	2058.68	2110.39	2248.47	2362.15	2168.84
29	2365.89	2185.33	2087.04	2035.43	2024.03	2036.30	2079.79	2217.18	2335.62	2138.41
30	2340.47	2142.49	2058.43	2009.49	1995.40	2008.73	2062.19	2185.25	2310.19	2107.33
31	2314.50	2121.25	2031.34	1981.57	1971.67	1985.57	2035.99	2152.66	2285.91	2077.82
32	2279.28	2090.92	1999.99	1957.84	1944.16	1958.10	2007.47	2120.07	2252.34	2047.07
33	2255.36	2058.51	1968.29	1929.89	1918.04	1929.42	1973.18	2088.50	2220.49	2019.63
34	2227.38	2031.64	1935.50	1899.91	1893.07	1899.27	1942.07	2057.11	2189.43	1989.61
35	2195.03	2000.11	1905.54	1870.30	1853.89	1864.02	1910.57	2023.51	2167.07	1957.34
36	2162.75	1974.78	1874.02	1839.69	1825.19	1838.76	1878.07	1993.43	2123.98	1934.70
37	2134.82	1950.98	1843.15	1808.50	1790.38	1807.36	1847.28	1963.12	2089.48	1907.23
38	2094.33	1927.15	1811.92	1772.36	1758.94	1773.71	1812.10	1936.36	2056.66	1881.73
39	2060.03	1900.35	1778.46	1737.55	1723.64	1740.11	1777.15	1910.48	2023.15	1857.33
40	2026.57	1865.07	1745.84	1713.03	1687.87	1706.91	1744.88	1887.90	1989.23	1825.31
41	1989.17	1827.56	1713.76	1670.76	1653.39	1672.82	1712.39	1852.66	1950.63	1793.98
42	1947.24	1789.49	1678.08	1636.80	1617.88	1637.71	1674.28	1815.29	1913.43	1758.26
43	1909.53	1749.23	1639.31	1597.80	1580.71	1597.74	1635.13	1779.09	1874.67	1720.04
44	1876.92	1715.61	1605.17	1569.18	1541.68	1560.43	1597.98	1739.67	1835.63	1682.03
45	1833.88	1669.36	1568.96	1522.22	1502.74	1521.80	1568.46	1694.11	1797.87	1643.47
46	1794.36	1631.30	1531.56	1482.33	1463.05	1476.54	1525.52	1664.18	1756.29	1604.44
47	1757.25	1593.49	1491.98	1438.89	1421.67	1440.74	1489.45	1621.30	1715.19	1563.82
48	1714.18	1552.22	1454.14	1404.02	1381.51	1400.66	1449.60	1579.33	1672.92	1526.23
49	1673.14	1509.59	1411.73	1360.78	1340.96	1358.48	1409.89	1539.85	1633.42	1487.81
50	1617.97	1461.83	1372.83	1318.66	1297.91	1317.66	1367.99	1495.29	1591.22	1446.12
51	1583.92	1420.79	1331.39	1280.11	1258.86	1276.80	1329.27	1448.89	1547.25	1400.18
52	1539.27	1379.29	1289.01	1234.97	1215.63	1233.94	1287.38	1404.93	1503.24	1363.88
53	1512.42	1331.87	1246.73	1196.62	1170.98	1191.67	1241.99	1360.38	1460.54	1325.43

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54	1452.29	1290.75	1200.61	1149.06	1128.26	1147.13	1196.47	1313.31	1416.13	1286.98
55	1409.43	1241.45	1157.48	1104.09	1083.48	1100.90	1155.92	1266.74	1373.13	1248.46
56	1358.24	1199.35	1110.67	1054.16	1037.40	1054.88	1107.36	1219.08	1327.17	1200.24
57	1317.55	1152.46	1064.98	1013.65	989.33	1009.72	1062.77	1171.90	1281.20	1157.05
58	1267.24	1107.82	1016.50	968.67	943.17	965.19	1015.20	1122.94	1235.13	1108.95
59	1219.02	1062.59	970.23	920.58	899.16	916.63	969.69	1075.89	1182.35	1067.32
60	1162.64	1016.05	922.57	870.37	850.25	863.35	921.06	1027.83	1126.25	1021.53
61	1109.09	969.03	873.99	818.14	800.03	815.28	874.51	978.42	1070.89	977.45
62	1053.94	922.33	826.70	766.44	746.67	764.13	826.92	930.08	1017.53	931.90
63	992.95	877.35	778.16	719.04	696.48	715.01	777.78	883.70	961.89	886.30
64	948.10	831.93	730.05	669.86	646.96	666.37	727.83	835.11	906.86	840.84
65	904.05	783.36	681.81	632.99	599.34	618.71	680.67	786.45	856.55	797.11
66	844.90	739.64	632.49	578.98	551.76	571.07	631.94	738.10	803.26	749.35
67	792.34	691.81	584.94	524.46	504.17	523.42	584.83	690.53	751.25	704.84
68	740.94	643.82	537.43	475.07	457.26	475.30	537.75	641.17	701.07	657.51
69	691.43	597.97	489.92	429.06	411.11	428.95	490.68	595.14	650.41	610.78
70	639.52	552.13	442.28	383.11	365.77	383.45	442.61	549.12	599.57	562.13
71	589.75	506.29	396.19	340.67	324.79	340.03	396.44	503.10	550.42	514.57
72	540.05	458.81	351.42	296.48	283.97	298.01	351.33	455.85	501.21	467.67
73	490.35	412.05	308.51	259.03	247.21	258.85	308.81	411.07	451.59	420.02
74	440.12	367.45	267.93	223.01	212.52	221.91	267.66	366.33	404.65	374.92
75	391.67	322.18	229.73	190.12	181.58	188.71	229.52	324.34	357.96	329.78
76	343.24	280.02	194.15	160.01	154.13	158.78	193.53	281.53	313.09	285.54
77	297.70	240.10	161.75	133.63	129.50	132.61	161.34	241.66	268.61	244.31
78	254.15	202.19	133.22	110.96	107.74	109.47	131.94	204.31	227.66	206.27
79	213.05	167.14	108.07	90.61	88.51	89.50	107.23	168.60	187.16	172.43
80	174.65	134.80	86.56	73.75	71.92	72.47	85.40	135.84	150.42	138.58
81	139.12	106.83	68.85	61.16	59.73	60.07	67.14	105.12	113.82	104.84
82	105.24	82.15	55.95	48.64	47.58	47.73	53.97	79.09	83.45	78.27
83	77.80	59.92	43.08	36.12	35.43	35.39	40.84	61.41	58.58	56.47
84	59.00	44.03	30.21	27.19	26.59	26.46	27.70	43.86	39.73	38.66
85	40.43	28.31	21.32	19.70	19.18	18.94	18.89	26.31	30.30	24.82
86	21.86	18.06	14.06	13.49	13.13	12.85	12.18	16.41	20.86	17.47
87	12.86	10.56	8.46	8.59	8.27	7.89	7.06	9.20	11.43	10.12
88	6.36	7.16	5.73	5.83	5.61	5.35	3.96	6.23	2.24	2.78
89	3.48	3.86	3.07	3.11	3.00	2.87	0.91	3.35	0.29	0.27
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT7.IES

CANDELA TABULATION - (Cont.)

166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86	2747.86
1	2743.69	2737.46	2736.16	2741.01	2739.25	2745.26	2746.84
2	2735.45	2726.48	2723.24	2725.92	2732.05	2741.78	2746.81
3	2720.95	2706.97	2707.50	2708.49	2717.30	2739.03	2744.69
4	2708.37	2693.25	2692.94	2695.86	2700.36	2731.07	2746.75
5	2694.33	2673.51	2665.47	2678.14	2690.46	2721.11	2738.59
6	2671.11	2647.87	2631.72	2648.95	2679.30	2707.70	2737.13
7	2656.91	2608.99	2588.63	2611.93	2655.69	2696.11	2728.54
8	2630.26	2575.22	2559.09	2581.02	2634.49	2681.01	2722.41
9	2597.57	2543.87	2524.30	2546.55	2605.72	2671.81	2717.75
10	2569.77	2507.60	2484.91	2514.11	2575.87	2651.51	2711.03
11	2537.81	2466.28	2443.10	2478.67	2546.54	2640.54	2700.13
12	2508.82	2434.39	2411.53	2440.63	2519.93	2607.90	2684.25
13	2479.17	2399.71	2379.21	2408.98	2491.22	2603.28	2675.81
14	2448.44	2366.38	2351.68	2374.69	2455.78	2589.77	2666.78
15	2415.05	2341.51	2325.93	2349.75	2425.79	2570.94	2649.73
16	2381.84	2321.07	2299.62	2324.06	2394.92	2547.81	2637.31
17	2357.54	2288.41	2276.56	2299.74	2360.95	2523.88	2619.17
18	2322.79	2273.55	2257.32	2281.14	2336.72	2498.98	2604.13
19	2296.23	2249.14	2236.56	2253.62	2306.84	2476.61	2588.22
20	2269.82	2229.24	2218.30	2235.64	2280.18	2451.20	2572.79
21	2243.83	2208.51	2196.55	2215.30	2251.90	2423.49	2556.61
22	2220.41	2183.28	2172.42	2194.25	2230.02	2396.12	2528.85
23	2194.57	2164.02	2152.93	2177.94	2205.01	2365.32	2503.75
24	2174.67	2136.67	2131.67	2147.33	2183.31	2341.06	2492.51
25	2151.67	2118.59	2112.76	2120.64	2158.03	2308.33	2468.28
26	2127.47	2095.54	2091.08	2097.25	2134.09	2275.63	2441.90
27	2107.00	2076.05	2069.94	2080.22	2109.81	2241.74	2425.79
28	2083.10	2054.55	2051.72	2057.10	2088.69	2198.42	2392.68
29	2060.88	2029.90	2029.18	2031.31	2068.62	2177.85	2365.89
30	2036.64	2008.29	2009.35	2008.74	2045.47	2147.42	2340.47
31	2010.48	1985.15	1988.64	1988.65	2019.49	2115.25	2314.50
32	1982.63	1959.57	1965.16	1967.28	1993.52	2081.52	2279.28
33	1953.05	1939.09	1942.48	1947.21	1964.14	2049.89	2255.36
34	1925.90	1916.79	1915.72	1918.69	1935.08	2019.36	2227.38
35	1896.33	1891.35	1891.43	1893.47	1904.63	1988.16	2195.03
36	1864.45	1865.82	1867.01	1868.26	1874.65	1957.14	2162.75

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CANDELA TABULATION - (Cont.)

37	1838.30	1836.57	1838.20	1841.99	1841.56	1925.29	2134.82
38	1808.78	1812.40	1809.59	1814.37	1814.33	1897.52	2094.33
39	1778.94	1782.51	1780.62	1786.34	1783.89	1872.57	2060.03
40	1750.19	1751.33	1751.19	1754.03	1754.96	1847.19	2026.57
41	1719.80	1716.41	1720.75	1726.37	1726.21	1821.92	1989.17
42	1691.92	1686.96	1689.20	1699.07	1693.94	1789.38	1947.24
43	1659.16	1659.48	1655.54	1664.46	1662.49	1755.42	1909.53
44	1628.33	1625.08	1619.94	1630.95	1632.19	1717.35	1876.92
45	1593.38	1591.34	1587.32	1594.63	1599.87	1681.93	1833.88
46	1559.58	1554.15	1551.85	1559.83	1566.33	1645.65	1794.36
47	1523.69	1518.72	1515.41	1525.63	1526.59	1604.85	1757.25
48	1489.05	1480.51	1476.67	1484.35	1492.71	1566.77	1714.18
49	1449.98	1443.91	1436.95	1448.10	1459.21	1525.67	1673.14
50	1415.49	1403.34	1400.39	1408.38	1422.07	1484.39	1617.97
51	1377.05	1363.90	1359.97	1369.39	1386.07	1441.11	1583.92
52	1341.38	1323.36	1323.00	1330.86	1345.31	1400.36	1539.27
53	1303.02	1288.13	1286.03	1294.36	1308.70	1358.98	1512.42
54	1264.66	1252.89	1249.05	1257.85	1272.09	1318.34	1452.29
55	1226.23	1211.06	1205.74	1216.30	1235.44	1277.71	1409.43
56	1179.01	1162.04	1158.32	1168.72	1189.14	1236.98	1358.24
57	1132.41	1117.73	1110.62	1124.58	1142.68	1193.42	1317.55
58	1087.86	1074.47	1065.74	1081.07	1095.64	1146.83	1267.24
59	1041.65	1025.83	1020.66	1029.48	1052.10	1101.63	1219.02
60	993.01	973.83	973.37	976.34	1003.80	1052.17	1162.64
61	946.28	919.52	919.09	925.00	956.77	1007.31	1109.09
62	896.68	867.76	862.86	875.53	908.88	959.55	1053.94
63	848.13	819.58	812.05	825.46	859.57	912.22	992.95
64	798.24	768.68	764.74	775.72	810.02	865.45	948.10
65	750.22	716.58	712.01	724.65	760.93	817.52	904.05
66	697.91	665.98	660.74	673.02	710.58	770.42	844.90
67	648.68	614.95	608.75	622.80	661.11	723.26	792.34
68	597.69	564.19	558.82	571.41	610.82	676.55	740.94
69	548.80	514.22	508.62	521.93	562.63	628.70	691.43
70	500.01	466.61	459.15	473.11	512.51	580.07	639.52
71	451.62	417.45	412.17	426.10	464.58	531.72	589.75
72	404.74	373.38	366.87	380.10	416.59	484.22	540.05
73	359.36	328.79	323.71	335.34	370.73	437.00	490.35
74	314.77	287.75	284.33	293.94	326.35	391.48	440.12
75	273.21	248.57	246.29	253.80	283.47	346.78	391.67
76	233.86	212.52	211.83	217.26	243.86	302.52	343.24
77	197.93	180.17	179.72	184.21	207.15	260.70	297.70
78	168.22	151.64	153.87	157.19	176.24	221.10	254.15
79	138.52	123.13	128.03	130.17	145.32	183.97	213.05
80	108.90	100.37	102.26	103.23	114.47	151.15	174.65
81	86.46	80.60	82.38	83.21	91.16	118.35	139.12
82	67.16	63.32	65.09	65.49	70.91	89.84	105.24
83	50.47	48.59	49.69	50.45	53.68	65.78	77.80
84	35.94	36.04	37.47	37.54	39.16	46.25	59.00
85	24.26	25.55	26.58	26.95	26.68	30.72	40.43
86	17.31	18.62	19.40	19.73	19.30	21.97	21.86
87	10.37	11.69	12.23	12.51	11.92	13.22	12.86
88	3.44	4.76	5.15	5.30	4.55	4.49	6.36
89	0.55	0.60	0.69	1.29	1.17	0.81	3.48
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT7.IES

CANDELA TABULATION - (Cont.)

149	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	951.66	N.A.	14.40
0-30	1976.06	N.A.	29.90
0-40	3197.1	N.A.	48.40
0-60	5532.72	N.A.	83.80
0-80	6561.98	N.A.	99.40
0-90	6601.48	N.A.	100.00
10-90	6346.6	N.A.	96.10
20-40	2245.43	N.A.	34.00
20-50	3495.96	N.A.	53.00
40-70	3065.07	N.A.	46.40
60-80	1029.26	N.A.	15.60
70-80	299.82	N.A.	4.50
80-90	39.49	N.A.	0.60
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6601.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	254.88
10-20	696.78
20-30	1024.4
30-40	1221.03
40-50	1250.52
50-60	1085.11
60-70	729.44
70-80	299.82
80-90	39.49
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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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	110	105	102	98	107	103	100	96	99	96	93	95	93	91	92	90	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	64	58	82	71	64	57	69	62	57	67	61	56	65	59	55	53
5	78	65	56	50	76	64	56	50	62	55	49	60	54	49	58	53	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	43	41
7	67	53	45	39	65	53	44	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	40	34	46	39	34	44	38	34	32
9	58	45	37	31	57	44	36	31	43	36	31	42	36	31	41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26

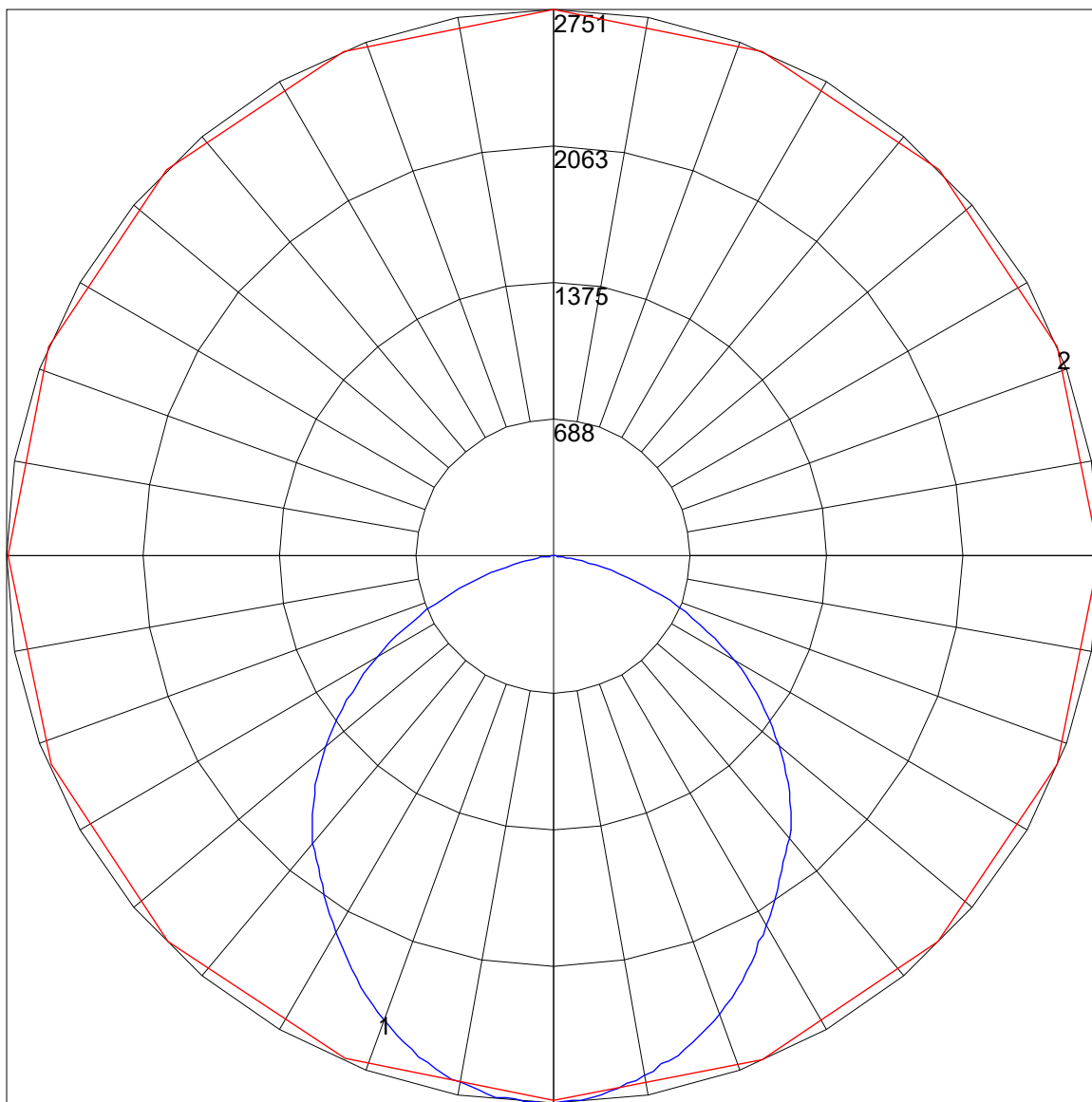
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT7.IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	28.2	29.8	28.6	30.1	30.4	27.0	28.5	27.3	28.9	29.2
	3H	29.8	31.2	30.2	31.5	31.9	28.0	29.4	28.4	29.7	30.1
	4H	30.3	31.6	30.7	31.9	32.3	28.2	29.5	28.6	29.8	30.2
	6H	30.5	31.7	30.9	32.1	32.5	28.2	29.4	28.6	29.8	30.2
	8H	30.5	31.7	31.0	32.1	32.5	28.2	29.4	28.6	29.8	30.2
	12H	30.5	31.6	30.9	32.0	32.4	28.2	29.3	28.6	29.7	30.1
4H	2H	28.6	29.9	29.0	30.3	30.7	27.5	28.8	27.9	29.2	29.6
	3H	30.4	31.5	30.8	31.9	32.3	28.7	29.8	29.1	30.2	30.6
	4H	30.9	31.9	31.3	32.3	32.8	28.9	29.9	29.3	30.3	30.8
	6H	31.2	32.1	31.7	32.5	33.0	29.0	29.9	29.4	30.3	30.8
	8H	31.2	32.1	31.7	32.5	33.0	29.0	29.8	29.4	30.2	30.7
	12H	31.3	32.0	31.7	32.5	32.9	29.0	29.7	29.5	30.2	30.6
8H	4H	31.0	31.8	31.4	32.2	32.7	29.1	29.9	29.5	30.3	30.8
	6H	31.3	32.0	31.8	32.5	32.9	29.2	29.8	29.7	30.3	30.8
	8H	31.4	32.0	31.9	32.5	33.0	29.2	29.8	29.7	30.3	30.8
	12H	31.4	31.9	31.9	32.4	33.0	29.1	29.7	29.7	30.2	30.7
12H	4H	30.9	31.7	31.4	32.2	32.6	29.1	29.8	29.5	30.3	30.7
	6H	31.3	31.9	31.8	32.3	32.9	29.2	29.8	29.7	30.2	30.8
	8H	31.3	31.9	31.8	32.4	32.9	29.2	29.7	29.7	30.2	30.8

Maximum UGR = 33.0

POLAR GRAPH



Maximum Candela = 2750.84 Located At Horizontal Angle = 157.5, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (157.5 - 337.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)