

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT2.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3220516-20767E-10
[TESTLAB] BEGHELLI
[TESTDATE] 2022-05-18
[ISSUEDATE] 2022-05-18 16:29:24
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] PSFHT2
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2002
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	15.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.06
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.12
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.10 m
Luminous Width (90-270)	0.07 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	39100	66549	183151
55	20371	35642	192146
65	10760	19917	156229
75	10313	10283	56761
85	9974	6644	6374

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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	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34
1	1119.33	1120.65	1122.47	1117.46	1118.69	1117.94	1116.73	1117.48	1117.68	1117.04
2	1123.13	1121.70	1122.57	1118.78	1116.25	1114.57	1114.76	1115.08	1115.04	1115.39
3	1123.32	1124.10	1124.92	1117.93	1114.60	1113.86	1111.89	1111.47	1110.87	1111.47
4	1125.78	1122.65	1124.26	1116.40	1112.31	1110.28	1108.47	1106.72	1104.56	1111.96
5	1126.29	1125.28	1126.06	1114.55	1110.40	1107.76	1102.57	1102.05	1101.16	1106.44
6	1128.02	1125.81	1121.06	1114.99	1107.11	1104.28	1097.51	1098.39	1097.45	1101.95
7	1126.84	1124.18	1122.16	1112.97	1105.95	1098.09	1095.09	1095.01	1094.53	1102.07
8	1121.77	1122.18	1118.15	1110.14	1101.30	1094.71	1089.45	1090.14	1090.07	1095.27
9	1115.71	1116.92	1117.47	1107.36	1097.90	1089.48	1085.26	1086.59	1086.74	1092.57
10	1109.09	1110.37	1112.77	1104.53	1095.04	1085.64	1079.75	1081.57	1086.07	1090.26
11	1101.75	1103.13	1109.90	1103.46	1091.79	1080.53	1073.54	1081.80	1086.41	1087.29
12	1095.58	1095.25	1103.84	1101.02	1087.98	1077.02	1070.35	1080.75	1086.81	1086.92
13	1088.54	1090.55	1100.30	1097.06	1083.40	1072.79	1067.62	1079.67	1086.75	1085.32
14	1084.63	1080.96	1092.90	1095.59	1080.43	1067.01	1065.56	1079.26	1085.54	1085.42
15	1079.93	1075.15	1088.10	1091.75	1075.49	1061.28	1062.73	1074.80	1083.20	1084.72
16	1075.40	1069.94	1080.25	1087.52	1070.65	1056.44	1061.23	1074.39	1084.05	1080.35
17	1072.33	1064.43	1072.52	1082.28	1063.95	1049.56	1059.81	1074.43	1084.53	1080.60
18	1065.44	1060.73	1066.67	1076.53	1059.37	1042.65	1055.55	1077.17	1083.87	1081.16
19	1057.05	1055.46	1057.86	1070.96	1052.00	1036.18	1051.45	1075.80	1074.22	1081.54
20	1051.90	1050.68	1049.35	1065.16	1045.45	1029.35	1047.91	1066.56	1059.46	1080.85
21	1039.41	1042.55	1042.75	1059.93	1040.95	1023.55	1044.34	1050.27	1035.26	1071.49
22	1025.29	1033.60	1037.16	1054.76	1036.00	1019.67	1043.59	1029.77	1010.75	1054.13
23	1005.70	1023.15	1030.52	1045.23	1027.58	1014.73	1044.19	1001.74	987.24	1030.90
24	981.57	1004.72	1025.63	1040.32	1023.10	1009.48	1037.83	976.60	965.63	1005.98
25	951.19	984.69	1017.23	1031.86	1016.03	1003.88	1029.69	955.23	930.07	982.29
26	912.54	960.48	1011.30	1026.57	1009.03	997.35	1016.91	927.26	894.93	959.32
27	860.65	931.03	1001.62	1017.03	1002.14	990.82	997.59	889.85	854.52	931.21
28	794.67	894.25	993.34	1008.91	995.02	986.18	973.97	850.83	806.43	894.36
29	720.98	846.94	980.19	997.57	985.23	979.26	947.94	807.52	749.57	856.27
30	649.69	786.46	964.67	989.54	977.08	971.41	919.06	748.53	679.23	809.62
31	579.33	715.01	944.54	979.69	970.35	961.77	892.53	678.06	608.59	751.16
32	516.48	641.93	920.17	972.43	959.82	956.40	862.66	607.61	536.56	681.85
33	457.95	575.31	887.44	960.08	951.66	949.38	822.81	538.29	471.49	611.57
34	409.51	512.36	848.32	951.72	942.47	940.94	773.78	470.49	416.68	542.07
35	367.52	456.54	804.21	942.06	933.36	931.35	708.90	416.98	376.95	475.70
36	333.96	407.45	752.38	932.73	922.86	921.10	641.96	376.47	345.64	421.68
37	305.86	365.65	696.29	923.19	913.38	908.08	573.96	344.21	320.97	380.58
38	282.54	330.16	636.30	911.55	904.26	895.80	506.00	317.61	298.85	347.83
39	261.87	299.16	573.67	899.80	894.14	878.04	446.61	295.14	279.72	320.95
40	244.63	274.72	512.78	887.89	881.98	857.55	394.76	274.39	261.88	296.81
41	228.92	254.27	457.24	873.86	872.47	834.06	355.83	257.46	244.91	276.89
42	214.31	236.09	406.71	853.96	861.04	805.26	323.88	240.58	228.35	258.15
43	201.20	221.07	366.45	831.37	847.92	765.30	296.78	224.73	212.19	241.69
44	188.20	206.19	330.51	803.33	837.85	714.05	273.30	208.88	195.69	225.90
45	176.19	193.83	299.88	771.04	825.31	657.19	252.30	192.92	179.11	210.09
46	164.30	181.26	269.99	732.21	813.31	602.11	233.55	177.09	163.12	194.37
47	152.55	169.66	244.89	685.42	800.96	546.42	216.30	162.11	148.44	178.73
48	141.59	158.13	223.04	634.25	789.16	495.45	201.41	147.31	133.75	163.31
49	130.80	147.35	204.04	584.91	776.61	446.27	186.77	132.51	119.08	148.87
50	120.39	136.64	188.02	538.12	764.01	399.51	172.79	117.81	107.31	134.43
51	109.93	126.39	174.03	495.13	752.32	359.48	159.10	106.19	96.16	120.02
52	100.29	116.41	161.89	453.62	740.01	324.33	145.90	95.57	86.15	107.50
53	91.29	107.00	150.16	415.05	726.82	295.67	132.69	85.74	75.84	96.69

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54	82.34	97.37	140.30	377.32	714.92	271.12	119.52	76.07	65.02	86.81
55	74.46	89.10	130.28	343.63	702.34	249.73	108.06	66.13	54.00	77.53
56	66.55	80.99	120.80	313.41	684.77	230.24	96.80	55.45	45.78	68.00
57	60.10	73.03	111.57	284.49	666.54	211.25	86.21	46.11	40.87	57.55
58	53.66	65.87	102.97	259.04	646.93	193.94	77.40	40.07	37.79	47.91
59	47.21	59.25	94.73	235.77	623.18	177.81	69.12	36.40	35.81	40.51
60	42.95	52.64	86.89	214.25	592.04	163.65	61.67	33.91	34.34	36.25
61	38.74	46.02	79.45	195.25	558.24	151.04	54.33	32.20	32.80	33.56
62	35.53	41.48	72.41	178.90	525.14	138.43	46.80	30.62	31.38	31.62
63	32.76	37.67	65.53	163.68	491.26	125.85	38.58	29.27	30.04	29.87
64	30.63	33.90	59.58	149.62	457.78	114.88	31.77	28.03	28.92	28.30
65	28.98	30.91	53.64	136.46	420.76	104.68	27.72	26.85	27.90	26.81
66	27.52	28.46	47.71	124.82	379.97	94.80	25.21	25.65	26.92	25.39
67	26.38	26.27	42.65	113.92	337.25	85.69	23.44	24.45	26.12	24.14
68	25.07	24.56	38.06	104.10	296.43	77.46	21.98	23.22	25.09	22.96
69	23.81	22.98	33.78	95.43	258.99	69.68	20.70	22.10	23.57	21.78
70	22.56	21.65	29.93	87.53	224.01	62.47	19.50	20.97	22.41	20.73
71	21.44	20.32	26.74	80.23	192.60	55.54	18.37	20.00	21.22	19.68
72	20.35	19.12	23.95	73.42	166.37	49.13	17.41	19.07	20.14	18.56
73	19.24	17.97	21.33	66.83	140.14	43.32	16.43	18.16	18.70	17.52
74	18.14	16.82	19.01	60.26	114.03	37.87	15.45	16.96	17.20	16.42
75	17.01	15.73	16.96	54.03	93.62	32.60	14.27	15.74	15.85	15.35
76	15.93	14.62	15.09	47.82	75.96	27.88	13.05	14.56	14.64	14.26
77	14.79	13.49	13.44	42.11	60.59	23.62	11.83	13.41	13.52	13.20
78	13.64	12.41	12.00	36.91	47.54	19.66	10.61	12.27	12.39	12.14
79	12.50	11.29	10.63	31.78	35.51	16.42	9.55	11.12	11.26	11.08
80	11.32	10.20	9.35	26.80	26.42	13.18	8.47	10.03	10.17	10.00
81	10.16	9.12	8.17	21.98	20.60	9.96	7.45	8.91	9.09	8.89
82	9.00	8.04	7.02	17.56	14.78	7.80	6.44	7.72	7.96	7.78
83	7.80	6.97	5.91	13.65	8.96	5.94	5.46	6.52	6.76	6.69
84	6.66	5.92	4.80	9.76	5.80	4.45	4.48	5.32	5.49	5.66
85	5.54	4.87	3.69	6.73	3.54	3.17	3.44	4.04	4.23	4.64
86	4.42	3.82	2.70	4.22	1.76	2.04	2.50	3.06	3.15	3.62
87	3.42	2.80	1.74	1.72	0.52	0.89	1.64	2.24	2.40	2.54
88	2.08	1.73	0.61	0.39	0.25	0.22	0.61	1.41	1.76	1.53
89	0.31	0.27	0.18	0.25	0.12	0.10	0.10	0.32	0.62	0.40
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

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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	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34	1118.34
1	1121.62	1119.06	1120.46	1119.89	1122.14	1122.28	1119.33
2	1118.36	1119.51	1121.71	1123.62	1122.62	1125.14	1123.13
3	1117.78	1120.55	1121.58	1124.34	1125.77	1127.55	1123.32
4	1114.54	1117.80	1122.22	1125.54	1127.79	1128.76	1125.78
5	1114.99	1117.64	1123.55	1125.84	1129.37	1129.78	1126.29
6	1111.21	1114.84	1122.21	1126.65	1130.23	1131.47	1128.02
7	1108.32	1113.36	1120.97	1127.03	1130.61	1130.32	1126.84
8	1105.43	1110.91	1118.31	1126.23	1128.42	1128.45	1121.77
9	1102.42	1107.97	1117.47	1125.18	1128.11	1121.83	1115.71
10	1096.30	1103.34	1116.68	1124.58	1125.40	1114.78	1109.09
11	1092.20	1101.05	1114.88	1123.69	1119.99	1110.11	1101.75
12	1087.28	1097.18	1113.47	1121.20	1114.02	1103.45	1095.58
13	1083.25	1094.52	1111.47	1119.43	1108.55	1097.86	1088.54
14	1080.58	1092.16	1107.95	1116.68	1101.91	1089.78	1084.63
15	1078.41	1086.57	1104.44	1113.00	1096.33	1086.23	1079.93
16	1076.06	1080.45	1100.83	1108.24	1089.20	1081.84	1075.40
17	1072.58	1074.17	1094.61	1103.41	1082.44	1078.78	1072.33
18	1071.53	1068.06	1090.36	1097.37	1076.77	1074.96	1065.44
19	1068.22	1061.99	1088.41	1091.61	1070.92	1069.48	1057.05
20	1065.26	1056.72	1081.99	1087.24	1066.00	1060.66	1051.90
21	1060.01	1049.82	1078.50	1080.90	1060.47	1054.99	1039.41
22	1056.02	1044.11	1074.61	1075.76	1055.34	1044.56	1025.29
23	1052.94	1037.61	1068.65	1068.06	1051.20	1029.75	1005.70
24	1050.86	1032.49	1063.82	1060.80	1044.68	1008.53	981.57
25	1049.69	1024.59	1058.91	1052.66	1037.20	982.56	951.19
26	1044.64	1019.16	1052.56	1043.93	1028.29	955.37	912.54
27	1038.28	1012.41	1046.06	1034.94	1018.29	919.37	860.65
28	1026.58	1007.25	1041.24	1026.00	999.26	871.68	794.67
29	1010.03	999.29	1034.15	1019.16	975.79	810.45	720.98
30	988.97	991.92	1026.58	1011.87	948.70	735.93	649.69
31	966.99	984.28	1019.04	1004.12	915.73	666.36	579.33
32	942.11	977.73	1010.65	995.31	878.01	596.05	516.48
33	913.79	969.56	1002.04	986.06	837.08	532.25	457.95
34	883.98	961.03	992.12	977.31	783.48	473.64	409.51
35	850.50	951.88	983.88	964.23	720.66	421.14	367.52
36	807.12	943.71	974.67	951.65	653.62	379.78	333.96

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	747.06	936.50	964.30	936.54	585.51	343.06	305.86
38	679.83	928.11	954.57	917.84	520.97	312.46	282.54
39	612.04	917.99	945.07	896.01	465.79	287.10	261.87
40	541.51	904.17	934.61	872.27	420.86	266.49	244.63
41	478.22	889.45	923.44	841.13	378.64	248.16	228.92
42	422.61	874.84	911.76	804.69	341.30	231.64	214.31
43	377.32	858.93	900.37	761.98	308.16	216.77	201.20
44	341.66	839.87	887.97	712.76	279.42	203.17	188.20
45	311.31	817.41	875.93	661.19	255.36	190.25	176.19
46	286.22	790.64	864.62	609.86	234.58	178.26	164.30
47	263.56	755.15	850.95	559.76	217.02	166.34	152.55
48	243.38	710.79	838.06	513.11	201.71	154.62	141.59
49	224.47	661.50	825.34	469.53	187.69	143.52	130.80
50	208.06	610.84	813.71	429.01	175.06	132.94	120.39
51	191.80	563.51	799.81	391.24	162.98	122.71	109.93
52	177.36	514.93	786.91	357.87	151.84	112.80	100.29
53	163.48	468.13	773.87	326.57	141.35	102.91	91.29
54	150.05	423.43	757.95	299.05	131.18	93.66	82.34
55	136.62	380.46	745.18	274.32	121.50	84.96	74.46
56	123.19	341.57	729.54	252.31	111.98	76.82	66.55
57	111.14	306.90	709.37	232.05	103.07	69.13	60.10
58	100.47	277.61	688.31	212.14	94.64	61.46	53.66
59	89.55	253.08	658.75	194.16	86.59	55.53	47.21
60	80.32	231.70	624.28	178.19	78.70	49.64	42.95
61	71.77	212.43	585.44	162.95	71.28	43.75	38.74
62	64.06	194.98	547.26	148.71	64.49	39.68	35.53
63	56.95	178.64	512.21	135.56	58.43	35.72	32.76
64	49.97	163.60	481.26	123.52	52.37	32.64	30.63
65	43.46	150.00	448.20	112.59	46.32	30.03	28.98
66	36.28	136.40	412.66	102.82	41.13	27.96	27.52
67	29.61	122.85	375.59	94.17	36.51	26.28	26.38
68	25.49	112.16	338.01	86.09	32.90	24.84	25.07
69	22.96	102.10	299.91	78.56	29.57	23.49	23.81
70	21.13	93.19	262.97	71.53	26.48	22.15	22.56
71	19.46	84.95	228.89	64.93	23.77	21.00	21.44
72	17.91	77.16	197.31	58.92	21.52	19.81	20.35
73	16.48	69.55	167.92	52.92	19.64	18.67	19.24
74	15.25	62.77	141.88	46.92	17.94	17.56	18.14
75	14.06	55.78	118.03	41.69	16.37	16.41	17.01
76	12.90	49.32	97.14	36.77	14.93	15.33	15.93
77	11.74	43.26	78.38	32.13	13.56	14.22	14.79
78	10.59	37.33	62.38	27.93	12.27	13.14	13.64
79	9.51	31.17	49.88	23.98	10.98	12.00	12.50
80	8.44	25.87	37.44	19.81	9.72	10.86	11.32
81	7.38	20.93	25.00	16.17	8.51	9.75	10.16
82	6.31	16.88	17.19	13.01	7.34	8.64	9.00
83	5.25	12.83	11.61	10.02	6.20	7.52	7.80
84	4.24	8.78	7.49	7.40	5.06	6.41	6.66
85	3.27	5.77	5.27	5.45	3.91	5.33	5.54
86	2.37	3.21	3.10	3.52	2.88	4.25	4.42
87	1.45	1.18	0.93	1.59	1.89	3.21	3.42
88	0.52	0.25	0.35	0.45	0.84	2.08	2.08
89	0.12	0.16	0.24	0.18	0.15	0.54	0.31
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
PHOTOMETRIC FILENAME : PSFHT2.IES

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 : PSFHT2.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	412.58	N.A.	20.60
0-30	871.27	N.A.	43.50
0-40	1314.01	N.A.	65.60
0-60	1850.41	N.A.	92.40
0-80	1995.91	N.A.	99.70
0-90	2001.94	N.A.	100.00
10-90	1895.81	N.A.	94.70
20-40	901.43	N.A.	45.00
20-50	1232.15	N.A.	61.50
40-70	643.51	N.A.	32.10
60-80	145.49	N.A.	7.30
70-80	38.39	N.A.	1.90
80-90	6.03	N.A.	0.30
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	2001.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	106.13
10-20	306.44
20-30	458.69
30-40	442.74
40-50	330.72
50-60	205.69
60-70	107.11
70-80	38.39
80-90	6.03
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT2.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	111	108	105	102	109	106	103	100	101	99	97	98	96	94	94	93	91	89
2	104	97	92	87	101	95	90	86	92	88	84	89	85	82	86	83	81	79
3	96	88	81	76	94	86	80	75	83	78	74	81	76	73	78	75	72	70
4	89	80	72	67	87	78	72	66	76	70	65	74	69	65	72	67	64	62
5	83	72	65	59	81	71	64	59	69	63	58	68	62	58	66	61	57	55
6	78	66	59	53	76	65	58	53	64	57	53	62	56	52	61	56	52	50
7	73	61	53	48	71	60	53	48	59	52	48	57	52	47	56	51	47	45
8	68	56	49	44	67	56	49	44	54	48	43	53	47	43	52	47	43	41
9	64	52	45	40	63	52	45	40	51	44	40	50	44	40	49	43	39	38
10	60	49	41	37	59	48	41	37	47	41	37	46	40	36	45	40	36	35

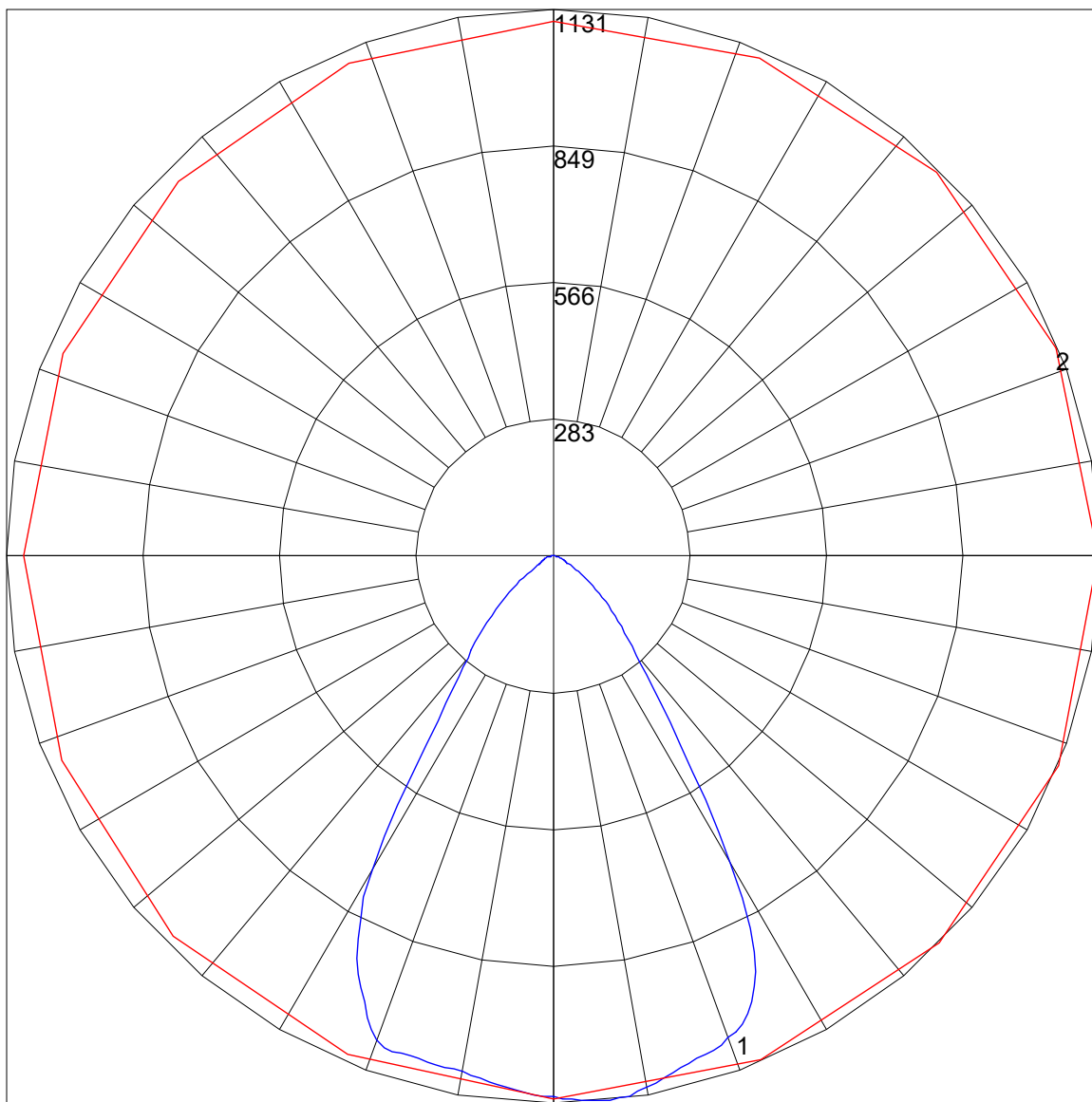
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT2.IES

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	17.0	18.4	17.4	18.7	19.0	28.0	29.3	28.3	29.6	29.9
	3H	17.7	18.9	18.1	19.2	19.6	29.5	30.8	29.9	31.1	31.5
	4H	18.1	19.2	18.5	19.5	19.9	29.8	31.0	30.2	31.3	31.7
	6H	18.4	19.4	18.8	19.8	20.2	29.9	30.9	30.3	31.3	31.7
	8H	18.5	19.5	18.9	19.9	20.3	29.8	30.8	30.3	31.2	31.6
	12H	18.6	19.5	19.0	19.9	20.4	29.8	30.8	30.3	31.1	31.6
4H	2H	17.7	18.8	18.1	19.2	19.6	27.8	28.9	28.2	29.3	29.6
	3H	18.5	19.4	18.9	19.8	20.2	29.4	30.3	29.8	30.7	31.1
	4H	18.9	19.8	19.4	20.2	20.6	29.7	30.6	30.2	31.0	31.4
	6H	19.4	20.1	19.8	20.5	21.0	29.8	30.5	30.3	31.0	31.5
	8H	19.5	20.2	20.0	20.6	21.1	29.8	30.5	30.3	30.9	31.4
	12H	19.6	20.2	20.1	20.7	21.2	29.8	30.4	30.3	30.8	31.3
8H	4H	19.4	20.1	19.9	20.5	21.0	29.6	30.3	30.1	30.7	31.2
	6H	19.9	20.4	20.4	20.9	21.4	29.7	30.3	30.2	30.8	31.2
	8H	20.1	20.6	20.6	21.1	21.6	29.7	30.2	30.2	30.7	31.2
	12H	20.2	20.7	20.8	21.2	21.8	29.7	30.1	30.2	30.6	31.2
12H	4H	19.5	20.1	20.0	20.6	21.0	29.6	30.2	30.1	30.6	31.1
	6H	20.0	20.5	20.5	20.9	21.5	29.7	30.2	30.2	30.6	31.2
	8H	20.2	20.6	20.7	21.1	21.7	29.6	30.1	30.2	30.6	31.2

Maximum UGR = 31.7

POLAR GRAPH



Maximum Candela = 1131.47 Located At Horizontal Angle = 337.5, Vertical Angle = 6
1 - Vertical Plane Through Horizontal Angles (337.5 - 157.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (6) (Through Max. Cd.)