

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT4.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] DG3220516-20768E-10
[TESTLAB] BEGHELLI
[TESTDATE] 2022-05-18
[ISSUEDATE] 2022-06-02 08:27:29
[LAMPPOSITION] 0,0
[OTHER]
[MANUFAC] BEGHELLI
[LUMCAT] PSFHT4
[LAMP] N/A

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4442
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	31.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.30
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.06 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	219868	210149	210679
55	213392	199015	199279
65	185018	171680	172952
75	130666	113738	117106
85	42706	36573	40380

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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	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95
1	1620.80	1619.12	1621.24	1621.04	1620.42	1619.77	1621.02	1622.71	1619.75	1617.78
2	1621.66	1622.06	1621.47	1620.85	1618.32	1623.34	1621.67	1621.50	1620.81	1615.44
3	1616.99	1618.94	1622.76	1621.27	1621.68	1624.06	1619.99	1620.20	1620.80	1615.02
4	1616.73	1619.10	1621.09	1624.86	1623.40	1624.91	1621.84	1624.38	1620.28	1613.45
5	1613.11	1617.21	1622.32	1624.93	1624.71	1625.57	1622.74	1620.47	1614.98	1610.06
6	1610.48	1614.83	1623.62	1622.14	1622.16	1623.66	1623.40	1617.83	1613.05	1609.21
7	1608.80	1612.93	1619.88	1618.79	1617.14	1621.78	1621.53	1615.52	1608.33	1606.78
8	1604.91	1608.01	1615.94	1612.10	1612.11	1615.58	1619.78	1614.81	1608.64	1603.32
9	1599.84	1607.92	1610.51	1604.67	1604.09	1610.96	1618.07	1611.36	1603.73	1599.91
10	1595.04	1604.12	1605.00	1595.60	1594.14	1602.48	1612.52	1607.77	1599.26	1596.94
11	1590.75	1599.85	1598.40	1584.11	1580.13	1590.76	1607.14	1602.86	1592.56	1591.97
12	1584.43	1594.38	1588.15	1570.55	1563.31	1582.13	1600.75	1599.74	1588.59	1589.33
13	1575.61	1588.29	1579.11	1555.65	1549.86	1564.88	1591.30	1595.53	1580.75	1584.04
14	1570.90	1582.15	1566.05	1540.38	1535.45	1552.04	1583.41	1591.36	1573.95	1579.03
15	1565.29	1575.04	1553.31	1526.68	1520.32	1537.83	1571.52	1584.48	1566.34	1575.07
16	1557.05	1565.99	1540.88	1513.05	1505.85	1524.35	1560.41	1577.32	1559.21	1569.84
17	1548.89	1556.35	1526.84	1499.28	1493.99	1509.89	1543.45	1571.15	1546.51	1563.37
18	1540.35	1543.32	1513.17	1484.74	1480.13	1496.39	1531.79	1564.73	1542.63	1553.76
19	1530.93	1534.69	1497.95	1473.82	1470.70	1482.41	1518.67	1555.95	1533.28	1545.87
20	1522.00	1523.02	1481.99	1461.77	1459.27	1469.44	1503.31	1545.96	1524.15	1536.33
21	1513.28	1511.10	1467.16	1451.11	1447.78	1455.71	1488.27	1534.86	1514.48	1527.32
22	1501.45	1496.60	1453.33	1439.39	1436.10	1447.02	1472.94	1524.91	1502.88	1516.49
23	1488.08	1483.54	1440.19	1427.03	1427.38	1433.78	1457.84	1513.15	1490.59	1501.10
24	1479.88	1468.58	1426.07	1416.22	1416.24	1421.77	1441.79	1501.58	1480.01	1491.16
25	1466.44	1453.98	1412.71	1406.42	1405.15	1409.12	1428.33	1488.27	1467.59	1480.18
26	1454.89	1438.08	1400.54	1392.46	1393.69	1396.46	1413.00	1471.57	1455.10	1464.95
27	1440.66	1421.00	1386.91	1381.01	1381.41	1384.77	1399.54	1458.77	1438.88	1451.00
28	1427.26	1404.00	1374.46	1367.62	1366.34	1372.71	1384.77	1443.74	1429.23	1433.97
29	1412.66	1388.84	1360.12	1356.05	1357.00	1360.15	1371.81	1428.97	1415.72	1421.53
30	1397.62	1372.75	1346.55	1341.50	1343.06	1345.11	1357.18	1412.62	1399.99	1402.31
31	1382.72	1355.84	1332.27	1327.62	1329.58	1331.24	1343.84	1395.69	1386.12	1386.56
32	1367.89	1339.70	1316.56	1313.57	1312.75	1317.25	1330.70	1379.37	1370.52	1369.79
33	1348.76	1323.22	1298.80	1298.22	1299.32	1303.08	1315.74	1363.52	1356.60	1351.06
34	1335.57	1304.78	1281.62	1282.18	1284.34	1286.57	1300.10	1348.28	1339.69	1336.17
35	1318.37	1287.34	1264.82	1266.20	1266.75	1271.10	1283.78	1330.22	1321.86	1320.93
36	1300.82	1272.20	1249.22	1249.92	1250.87	1254.48	1267.42	1312.31	1305.39	1306.83
37	1281.12	1256.63	1231.80	1231.95	1233.46	1235.93	1252.26	1295.44	1290.36	1293.13
38	1262.78	1240.80	1213.32	1213.60	1214.32	1219.96	1232.88	1278.25	1275.33	1277.63
39	1242.83	1223.05	1193.81	1195.28	1197.23	1200.54	1214.92	1263.02	1260.19	1262.13
40	1223.43	1201.15	1174.17	1176.05	1178.55	1182.15	1196.23	1248.02	1240.49	1246.34
41	1203.89	1178.50	1154.63	1155.73	1157.36	1161.80	1175.74	1231.38	1219.61	1220.51
42	1183.55	1156.30	1135.57	1136.28	1137.65	1142.52	1154.80	1210.65	1200.48	1199.17
43	1160.87	1132.40	1112.77	1116.37	1117.00	1121.28	1132.30	1189.11	1178.90	1174.56
44	1141.58	1108.86	1091.99	1093.12	1095.49	1100.03	1111.44	1166.63	1157.93	1151.35
45	1119.86	1085.69	1070.36	1071.24	1073.06	1078.34	1089.68	1142.48	1136.25	1127.22
46	1097.97	1063.90	1050.12	1049.35	1050.41	1056.59	1066.93	1116.56	1114.67	1102.47
47	1075.66	1039.85	1026.49	1025.55	1026.83	1031.47	1044.73	1091.65	1091.89	1074.03
48	1053.74	1016.88	1003.30	1000.76	1003.40	1009.37	1020.19	1066.32	1069.36	1050.35
49	1032.44	993.73	978.00	977.37	979.89	984.75	996.42	1040.35	1046.06	1024.55
50	1009.09	970.11	953.51	952.86	955.33	960.40	972.07	1013.94	1023.91	999.44
51	985.74	944.47	928.47	928.49	929.35	934.60	946.87	985.79	999.18	973.04
52	960.80	918.58	902.17	902.03	903.88	909.89	920.33	959.75	973.38	947.44
53	934.83	893.82	875.90	876.48	877.80	882.52	893.48	931.79	948.30	920.42

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CANDELA TABULATION - (Cont.)

54	908.20	865.50	849.36	848.64	850.77	856.82	867.82	904.92	922.17	892.75
55	881.63	838.04	822.23	821.24	823.32	829.69	840.51	877.23	895.15	867.22
56	852.86	810.72	794.69	793.00	795.72	801.16	812.26	848.40	865.96	839.91
57	823.51	782.69	766.01	764.78	766.98	773.11	784.76	820.34	837.11	810.76
58	792.90	754.14	735.44	733.34	737.57	744.17	755.05	791.48	805.35	781.91
59	762.30	726.31	705.24	705.66	709.63	713.73	725.18	762.65	772.08	752.57
60	726.93	696.12	675.22	674.01	679.67	682.23	695.77	733.62	738.00	722.21
61	693.76	667.44	644.50	643.42	647.38	651.60	664.41	704.10	704.51	690.93
62	658.96	636.53	614.37	613.48	617.46	628.62	632.57	673.87	671.30	658.86
63	625.20	606.71	584.25	583.55	587.58	595.34	602.58	642.94	638.13	625.99
64	594.20	576.91	554.14	553.62	557.71	561.78	572.63	613.13	604.16	593.15
65	563.22	547.11	522.62	521.55	526.49	529.36	542.68	583.33	570.96	560.47
66	529.03	515.33	489.89	489.14	494.82	497.12	509.22	553.53	537.74	526.61
67	497.06	483.81	458.19	456.72	462.67	464.85	476.92	521.62	504.90	491.59
68	464.10	450.72	424.90	423.50	430.68	432.88	444.04	489.54	471.14	456.53
69	432.36	417.47	392.83	392.53	398.84	401.37	411.85	456.60	439.18	420.81
70	399.90	384.42	360.77	361.12	366.97	369.05	379.31	423.48	405.58	385.85
71	367.82	352.19	330.01	330.54	336.20	337.59	346.48	390.76	372.89	351.63
72	336.17	319.52	298.86	299.41	305.18	306.19	315.21	357.48	340.34	318.27
73	304.21	288.07	268.69	269.51	275.33	275.32	283.64	324.84	308.63	285.34
74	273.80	257.34	239.90	240.41	246.17	245.87	253.78	291.92	277.10	253.86
75	243.60	227.23	212.04	212.49	218.32	217.64	225.12	260.19	246.26	223.46
76	214.72	198.69	185.15	185.21	190.91	189.67	197.01	228.85	216.41	193.85
77	186.31	172.18	159.94	160.01	164.93	164.14	170.21	198.79	187.97	167.27
78	159.70	146.57	135.93	135.98	140.96	139.67	144.86	170.93	161.56	140.70
79	134.11	122.69	113.51	113.78	118.26	117.03	121.07	144.01	135.16	114.23
80	109.46	100.88	93.70	93.75	97.62	96.56	99.62	119.32	108.83	91.38
81	87.01	80.34	75.68	76.07	79.15	77.93	80.05	96.31	84.68	70.61
82	67.00	61.75	59.94	59.90	62.52	61.45	62.77	74.60	63.47	51.61
83	50.17	47.32	46.52	47.03	50.10	48.10	49.57	58.46	45.14	35.80
84	38.43	32.92	33.11	34.20	37.72	34.77	36.40	42.34	29.90	23.73
85	26.81	22.33	22.96	24.40	25.35	24.56	23.23	26.22	21.70	17.27
86	15.18	14.15	15.01	16.41	16.89	16.28	14.72	16.03	13.51	10.81
87	8.82	8.24	8.90	10.12	10.29	9.79	8.24	8.66	5.41	4.44
88	5.98	5.58	6.01	6.81	6.92	6.59	5.55	5.84	1.63	1.73
89	3.20	2.98	3.16	3.55	3.61	3.44	2.92	3.08	0.20	0.19
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 : PSFHT4.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	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95	1619.95
1	1617.35	1616.07	1614.62	1615.88	1618.63	1617.81	1620.80
2	1614.21	1612.26	1614.61	1614.59	1615.13	1617.10	1621.66
3	1616.53	1613.74	1614.19	1613.96	1611.13	1613.72	1616.99
4	1615.18	1614.16	1614.62	1612.27	1611.31	1610.29	1616.73
5	1612.45	1613.55	1614.62	1613.53	1609.39	1610.45	1613.11
6	1613.95	1615.46	1614.40	1613.95	1607.90	1605.75	1610.48
7	1614.33	1611.41	1612.28	1610.48	1607.89	1599.68	1608.80
8	1611.90	1613.04	1613.44	1608.95	1607.12	1596.86	1604.91
9	1607.05	1610.44	1609.60	1606.81	1601.61	1593.41	1599.84
10	1606.19	1605.76	1605.13	1604.04	1598.63	1587.23	1595.04
11	1604.01	1597.89	1592.11	1597.05	1595.35	1582.47	1590.75
12	1601.11	1584.93	1578.88	1586.20	1590.36	1577.24	1584.43
13	1594.14	1573.92	1565.54	1575.21	1585.50	1570.67	1575.61
14	1585.58	1561.42	1549.40	1560.14	1580.16	1564.61	1570.90
15	1573.65	1547.76	1533.61	1546.82	1570.07	1561.87	1565.29
16	1564.25	1535.57	1520.83	1532.16	1557.70	1554.34	1557.05
17	1551.30	1520.57	1507.51	1519.21	1546.06	1548.71	1548.89
18	1538.61	1507.56	1496.71	1504.13	1533.04	1539.10	1540.35
19	1520.21	1495.25	1485.05	1492.46	1519.01	1532.68	1530.93
20	1508.33	1483.51	1474.79	1481.36	1504.18	1521.64	1522.00
21	1491.03	1470.55	1460.84	1468.71	1488.52	1512.22	1513.28
22	1475.80	1455.33	1447.17	1456.27	1472.17	1500.79	1501.45
23	1462.07	1441.43	1437.02	1445.25	1457.17	1489.81	1488.08
24	1448.89	1429.54	1423.93	1428.04	1442.08	1476.87	1479.88
25	1435.19	1416.07	1413.44	1415.17	1428.81	1464.88	1466.44
26	1421.85	1403.77	1400.73	1401.21	1416.29	1452.19	1454.89
27	1408.83	1390.12	1387.28	1388.97	1402.56	1435.91	1440.66
28	1396.22	1377.52	1373.64	1372.34	1386.34	1422.22	1427.26
29	1382.40	1364.29	1361.29	1357.66	1372.50	1406.24	1412.66
30	1367.57	1350.01	1347.25	1345.44	1359.88	1390.39	1397.62
31	1349.84	1335.68	1334.37	1330.80	1346.41	1374.19	1382.72
32	1331.95	1318.86	1318.77	1315.76	1329.26	1358.07	1367.89
33	1317.60	1305.87	1302.04	1300.49	1313.09	1341.09	1348.76
34	1299.04	1292.63	1288.52	1287.16	1298.45	1325.05	1335.57
35	1283.78	1279.40	1275.01	1273.83	1283.81	1307.21	1318.37
36	1268.51	1266.12	1261.44	1260.46	1269.14	1291.51	1300.82

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT4.IES

CANDELA TABULATION - (Cont.)

37	1252.45	1246.86	1241.72	1241.38	1250.09	1275.82	1281.12
38	1232.54	1229.19	1223.50	1222.49	1229.30	1260.10	1262.78
39	1214.62	1207.61	1201.95	1200.88	1209.63	1242.45	1242.83
40	1194.95	1187.28	1182.69	1182.76	1188.89	1229.93	1223.43
41	1174.60	1166.17	1161.90	1161.17	1167.69	1214.23	1203.89
42	1153.18	1144.83	1139.06	1140.19	1147.04	1195.43	1183.55
43	1131.67	1123.28	1115.63	1117.63	1124.41	1174.30	1160.87
44	1109.29	1100.28	1093.39	1094.16	1103.40	1151.70	1141.58
45	1086.49	1076.49	1069.99	1070.52	1078.92	1127.62	1119.86
46	1064.62	1053.53	1045.56	1047.16	1055.65	1103.09	1097.97
47	1039.64	1028.37	1021.22	1022.68	1030.89	1078.47	1075.66
48	1014.64	1004.46	996.84	997.81	1006.47	1052.24	1053.74
49	989.98	977.72	970.10	970.45	980.89	1024.73	1032.44
50	964.83	951.98	945.29	944.90	954.16	999.78	1009.09
51	939.08	924.51	918.16	918.65	926.91	971.73	985.74
52	913.34	898.56	890.95	891.03	900.88	943.17	960.80
53	886.32	872.37	863.05	864.64	873.51	915.28	934.83
54	855.98	843.41	835.29	835.80	845.25	884.59	908.20
55	828.88	815.47	807.51	807.61	816.57	855.50	881.63
56	798.91	785.85	778.38	778.33	786.88	824.59	852.86
57	768.92	755.77	747.80	748.93	756.62	794.11	823.51
58	737.35	726.13	716.70	717.57	724.88	763.43	792.90
59	707.28	695.01	688.04	686.85	694.59	731.48	762.30
60	675.29	661.70	656.65	653.54	661.84	700.75	726.93
61	644.07	629.60	623.74	621.09	630.93	669.04	693.76
62	611.95	597.18	590.88	589.13	598.66	637.45	658.96
63	579.91	565.13	559.33	556.82	566.08	605.21	625.20
64	545.95	531.54	525.74	523.55	532.66	572.27	594.20
65	513.73	498.93	493.73	491.73	500.70	539.66	563.22
66	480.91	465.44	460.69	458.63	467.28	506.78	529.03
67	447.44	432.74	427.92	425.55	434.58	475.20	497.06
68	414.26	398.77	394.55	392.32	401.15	441.82	464.10
69	381.20	367.04	362.20	360.60	369.27	408.22	432.36
70	348.50	333.92	330.32	328.33	336.33	375.11	399.90
71	315.87	302.15	298.37	296.77	305.03	341.54	367.82
72	284.54	271.36	267.89	265.69	274.42	308.93	336.17
73	253.57	240.43	237.86	235.82	244.49	276.87	304.21
74	223.66	211.11	209.77	207.41	215.48	245.83	273.80
75	195.92	183.54	182.57	179.95	188.04	215.64	243.60
76	170.07	158.98	158.38	155.89	163.16	186.74	214.72
77	144.22	134.41	134.19	131.82	138.27	161.20	186.31
78	118.44	109.93	110.07	107.85	113.46	135.67	159.70
79	96.92	90.32	90.77	88.59	92.65	110.21	134.11
80	77.53	72.81	73.36	71.62	74.17	87.66	109.46
81	60.60	57.58	58.37	56.87	57.94	67.92	87.01
82	45.83	44.81	45.52	44.17	43.91	50.79	67.00
83	33.62	33.63	34.44	33.32	31.78	36.57	50.17
84	23.57	24.59	25.40	24.45	22.20	25.20	38.43
85	17.42	18.62	19.32	18.54	16.60	18.64	26.81
86	11.28	12.65	13.24	12.64	10.99	12.08	15.18
87	5.19	6.73	7.20	6.78	5.45	5.58	8.82
88	2.30	3.35	3.61	3.47	2.65	2.38	5.98
89	0.45	0.45	0.53	1.05	0.69	0.43	3.20
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 : PSFHT4.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 : PSFHT4.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
PHOTOMETRIC FILENAME : PSFHT4.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	593.03	N.A.	13.40
0-30	1255.66	N.A.	28.30
0-40	2062.77	N.A.	46.40
0-60	3653.65	N.A.	82.30
0-80	4409.31	N.A.	99.30
0-90	4441.62	N.A.	100.00
10-90	4287.74	N.A.	96.50
20-40	1469.73	N.A.	33.10
20-50	2312.79	N.A.	52.10
40-70	2115.16	N.A.	47.60
60-80	755.66	N.A.	17.00
70-80	231.38	N.A.	5.20
80-90	32.31	N.A.	0.70
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	4441.62	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	153.88
10-20	439.15
20-30	662.63
30-40	807.10
40-50	843.05
50-60	747.83
60-70	524.28
70-80	231.38
80-90	32.31
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 : PSFHT4.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	109	105	101	97	107	103	99	96	99	96	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	83	72	63	57	81	70	62	56	68	61	55	66	60	55	63	58	54	52
5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	51	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	30	28
10	54	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

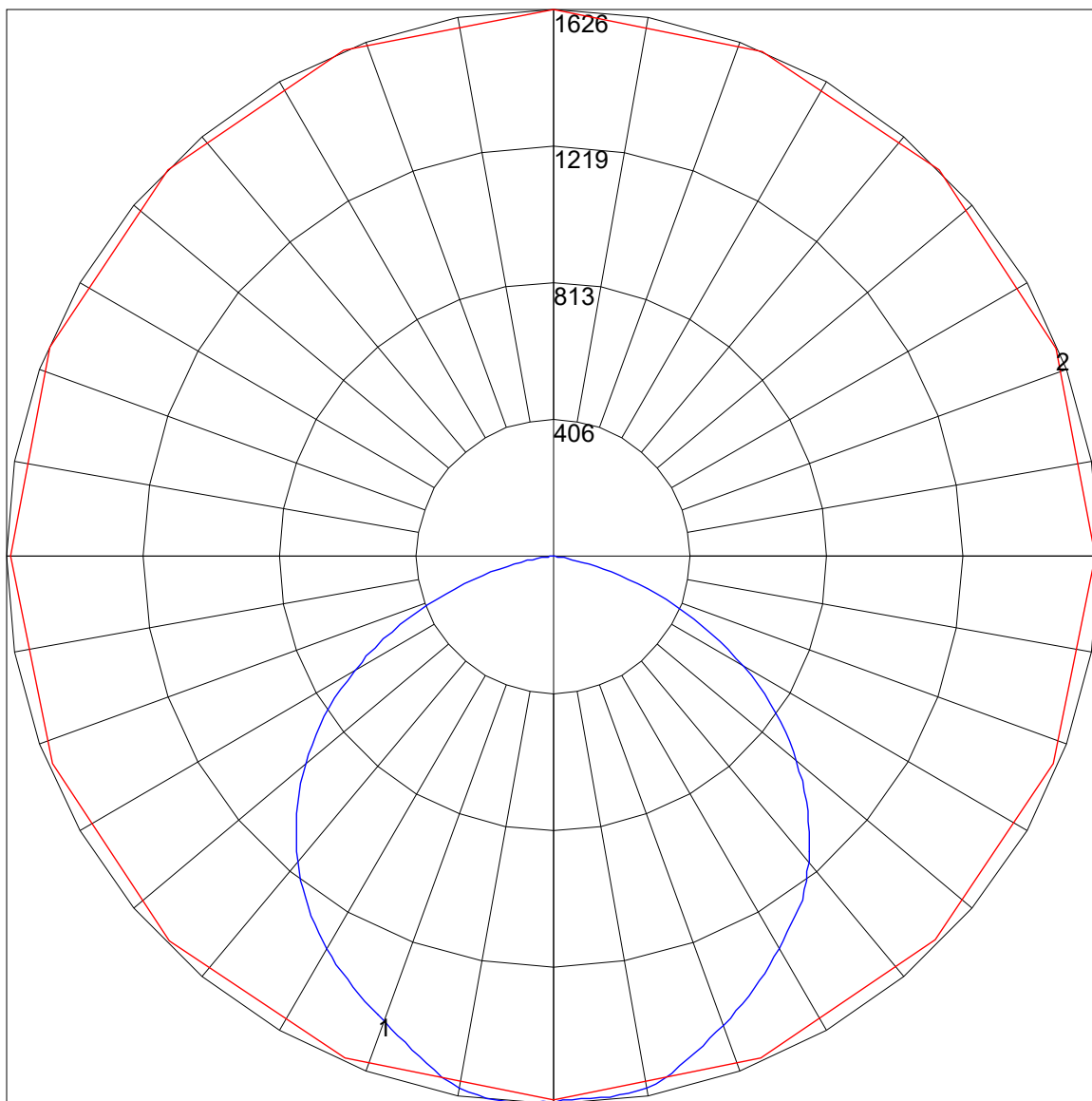
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PSFHT4.IES

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	30.8	32.5	31.2	32.8	33.1	30.6	32.2	31.0	32.5	32.9
	3H	32.4	33.8	32.8	34.2	34.5	32.1	33.5	32.5	33.9	34.2
	4H	32.8	34.2	33.2	34.5	34.9	32.5	33.9	32.9	34.2	34.6
	6H	33.1	34.3	33.5	34.7	35.1	32.7	33.9	33.1	34.3	34.7
	8H	33.1	34.3	33.5	34.7	35.1	32.7	33.9	33.1	34.3	34.7
	12H	33.1	34.2	33.5	34.6	35.0	32.7	33.9	33.1	34.2	34.7
4H	2H	31.3	32.7	31.7	33.0	33.4	31.2	32.6	31.6	32.9	33.3
	3H	33.0	34.2	33.5	34.6	35.0	32.8	34.0	33.2	34.4	34.8
	4H	33.6	34.6	34.0	35.0	35.4	33.3	34.3	33.8	34.8	35.2
	6H	33.9	34.7	34.3	35.2	35.6	33.6	34.5	34.0	34.9	35.4
	8H	33.9	34.7	34.3	35.2	35.6	33.6	34.4	34.1	34.9	35.4
	12H	33.9	34.6	34.4	35.1	35.6	33.6	34.4	34.1	34.9	35.3
8H	4H	33.7	34.5	34.1	35.0	35.4	33.5	34.3	34.0	34.8	35.2
	6H	34.0	34.7	34.5	35.2	35.7	33.8	34.5	34.3	35.0	35.5
	8H	34.0	34.7	34.6	35.2	35.7	33.9	34.5	34.4	35.0	35.5
	12H	34.1	34.6	34.6	35.1	35.7	33.9	34.4	34.4	34.9	35.5
12H	4H	33.7	34.4	34.1	34.9	35.4	33.5	34.2	34.0	34.7	35.2
	6H	34.0	34.6	34.5	35.1	35.6	33.8	34.4	34.3	34.9	35.4
	8H	34.1	34.6	34.6	35.1	35.7	33.9	34.4	34.4	34.9	35.5

Maximum UGR = 35.7

POLAR GRAPH



Maximum Candela = 1625.57 Located At Horizontal Angle = 112.5, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (112.5 - 292.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)