

Family Correlated Photometric Data

The following photometric information is developed using correlated data. Finelite considers a family to be a group of luminaires where critical performance metrics such as photometric performance, thermal performance, and electrical performance can be accurately projected via a combination of LM79 tests at the luminaire level and well-documented specifications at the component level.

For more information, please download [Finelite's Family Correlated White Paper](#)

Additional links:

- [Solid-State Lighting: Early Lessons Learned on the Way to Market](#)
(U.S. Department of Energy)
- [Lighting Facts®](#)
- [Design Lights Consortium®](#)

IES INDOOR REPORT

PHOTOMETRIC FILENAME : HP-WG-6W-2D-4FT-S-8-35-ITL88542.001.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]ITL88542.001 Family Correlation File

[TESTLAB]INDEPENDENT TESTING LABORATORIES, INC.

[TESTDATE]10/26/16

[ISSUEDATE]12/13/16

[MANUFAC]FINELITE, INC.

[LUMCAT]FINELITE HP-WG-6W-2D-4ft-S-8-35

[OTHER]INPUT ELECTRICAL: 120.0 VOLTS, 14.4 WATTS

[OTHER]INPUT ELECTRICAL: 277.0 VOLTS, 15.8 WATTS

[_ABSOLUTE]LUMENS]1055

[OTHER]see www.finelite.com for source file ITL88542. For further details on Finelite family correlation files, go to

[more]http://www.finelite.com/download_files/series_downloads/photometry_pdf/FL_Family_Correlation_WhitePaper.pdf

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1055
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	73
Total Luminaire Watts	14.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.24
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	0.56
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.49 ft
Luminous Width (90-270)	4.01 ft
Luminous Height	0.33 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	554	642	4513
55	525	558	3437
65	735	592	2404
75	582	784	1434
85	97	108	462

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CANDELA TABULATION

	0	5	15	25	35	45	55	65	75	85
0.0	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826
0.5	1305.450	1309.952	1301.767	1304.222	1307.087	1311.998	1317.318	1323.456	1329.595	1336.142
1.0	1255.933	1268.619	1261.253	1266.573	1273.121	1282.942	1293.582	1305.859	1318.955	1332.869
1.5	1216.237	1223.194	1217.874	1226.059	1237.108	1252.250	1275.167	1288.262	1308.315	1328.776
2.0	1160.173	1174.905	1172.040	1183.090	1199.459	1220.739	1249.794	1270.256	1297.265	1324.684
2.5	1114.748	1123.342	1122.523	1138.074	1158.127	1186.364	1224.013	1251.022	1284.988	1320.182
3.0	1066.868	1069.323	1071.779	1091.012	1115.976	1151.170	1196.185	1232.198	1273.530	1316.090
3.5	1015.714	1013.668	1018.578	1041.495	1071.779	1114.339	1167.539	1211.327	1261.662	1310.770
4.0	940.415	957.603	965.378	991.569	1027.172	1076.689	1138.483	1191.274	1249.385	1306.678
4.5	903.175	901.129	912.178	942.052	980.929	1037.812	1108.200	1169.994	1236.290	1301.358
5.0	847.110	847.519	861.024	892.535	935.504	998.935	1076.280	1148.305	1224.013	1296.447
5.5	792.273	796.775	811.916	845.064	890.080	959.649	1044.360	1125.797	1210.508	1292.355
6.0	741.938	749.304	765.264	799.639	846.701	921.181	1012.849	1103.699	1197.004	1286.625
6.5	709.199	704.288	721.067	756.261	805.369	882.713	980.929	1080.782	1183.499	1280.487
7.0	664.593	663.365	681.371	716.565	765.673	845.883	949.418	1057.865	1169.176	1274.758
7.5	622.033	625.716	644.131	678.916	736.618	809.870	917.498	1034.538	1154.853	1268.210
8.0	596.251	590.931	609.346	643.722	701.014	775.495	886.396	1010.394	1140.120	1261.662
8.5	561.466	559.011	577.426	610.983	667.867	742.756	855.704	987.477	1125.797	1254.705
9.0	529.137	529.955	548.371	581.109	636.356	711.654	826.239	963.741	1110.656	1247.748
9.5	509.494	502.946	520.952	553.691	606.482	681.780	797.593	940.415	1095.514	1240.791
10.0	481.666	477.983	496.808	527.909	579.882	653.543	769.356	917.498	1079.963	1233.425
11.0	434.195	439.924	452.201	482.075	530.774	601.980	717.384	872.483	1049.271	1218.693
11.5	419.872	420.281	432.558	461.614	508.675	578.245	692.421	849.975	1033.311	1210.508
12.0	400.229	402.684	414.961	442.789	488.214	556.146	669.504	828.695	1018.578	1202.733
12.5	381.813	385.906	398.183	425.192	468.980	535.275	646.996	807.415	1002.618	1194.548
13.0	365.444	371.173	383.041	408.414	450.564	515.632	625.306	786.953	987.068	1186.773
13.5	356.032	357.260	368.718	393.681	433.786	496.808	604.845	766.492	971.517	1178.588
14.0	342.527	344.983	356.032	380.177	418.235	480.029	585.202	746.848	956.375	1170.813
14.5	329.841	333.115	343.346	366.672	403.094	462.841	566.377	726.796	940.824	1162.219
15.0	322.066	322.884	332.296	354.395	389.180	447.291	548.371	707.562	925.274	1153.216
16.0	304.059	303.650	312.244	332.706	364.216	418.235	514.405	670.731	894.990	1135.619
17.0	287.281	287.690	295.056	313.472	342.118	392.453	483.712	632.263	864.707	1119.659
18.0	270.093	273.367	279.096	296.693	322.066	368.718	455.066	599.525	835.652	1102.062
19.0	252.496	256.998	265.592	281.142	304.878	347.847	432.558	569.242	808.233	1084.874
20.0	236.945	239.810	249.222	264.773	289.327	329.023	408.414	540.595	781.224	1065.640
22.5	204.616	206.253	211.982	228.761	254.542	289.736	356.850	481.257	715.747	1016.532
25.0	186.610	187.428	191.521	201.342	223.031	256.998	314.699	426.011	657.636	965.787
27.5	175.561	176.379	177.607	184.154	199.296	228.761	280.733	380.586	601.162	914.224
30.0	164.102	165.739	167.785	172.287	182.108	205.025	250.450	340.481	548.780	860.206
32.5	148.551	150.188	154.690	160.828	169.422	187.428	225.078	306.106	500.491	806.596
35.0	137.093	137.502	140.776	147.733	157.964	171.877	203.798	276.641	455.884	751.759
37.5	131.773	132.591	133.410	137.502	146.096	160.010	185.791	252.905	414.552	697.741
40.0	128.499	128.908	128.908	130.545	135.456	148.142	170.241	228.761	376.084	643.313
42.5	125.634	125.634	125.225	125.225	128.090	136.683	157.145	207.890	340.481	590.931
45.0	120.314	120.314	121.133	121.542	121.951	127.680	145.277	189.065	309.379	538.959
47.5	116.222	116.222	115.813	116.631	117.450	120.314	133.819	172.287	278.687	488.214
50.0	117.859	118.268	116.631	112.130	112.948	114.176	123.179	157.145	250.859	436.651
52.5	110.902	110.902	111.720	114.176	108.037	109.265	114.585	143.231	224.668	392.044
55.0	108.446	108.037	107.219	107.628	109.265	103.536	106.810	130.136	200.524	346.210
57.5	112.539	112.130	109.674	105.582	103.945	101.080	100.262	117.040	177.197	303.241
60.0	116.631	116.222	113.766	109.265	102.308	100.262	94.533	105.582	155.917	263.136
62.5	124.407	123.588	118.677	112.948	105.991	96.579	90.850	95.351	135.865	225.487
65.0	139.548	138.320	130.545	119.905	109.265	98.625	90.031	86.348	117.450	190.702
67.5	158.373	157.145	147.324	133.000	115.813	101.080	86.757	78.573	99.443	158.782

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CANDELA TABULATION - (Cont.)

70.0	170.241	169.831	161.237	147.324	126.862	105.173	87.985	74.071	83.483	130.136
72.5	146.505	146.914	147.733	145.687	134.228	112.130	88.394	70.797	69.569	103.945
75.0	97.397	97.806	101.899	109.265	117.040	111.720	90.031	68.751	57.702	80.619
77.5	19.643	20.871	33.148	55.246	74.071	86.348	86.348	65.886	48.699	59.748
80.0	14.323	14.323	14.323	14.323	16.369	43.788	61.385	60.976	42.560	42.151
82.5	13.914	13.914	13.914	13.914	13.505	12.686	20.871	41.332	36.012	27.828
85.0	13.505	13.505	13.914	13.505	13.095	12.277	11.458	13.505	24.554	16.779
87.5	13.095	13.095	13.505	13.095	12.686	11.868	10.640	9.412	8.594	7.775
90.0	12.686	12.686	12.686	12.686	12.277	11.049	9.822	8.594	6.957	3.683
92.5	12.277	12.277	12.277	12.277	11.458	10.640	9.003	7.366	5.320	1.637
95.0	11.868	11.868	11.868	11.458	11.049	9.822	8.185	6.138	3.274	0.409
97.5	11.049	11.458	11.458	11.049	10.231	9.003	7.366	4.911	2.046	0.000
100.0	10.640	10.640	10.640	10.231	9.412	8.185	6.138	3.683	0.818	0.000
102.5	9.822	9.822	9.822	9.412	8.594	6.957	5.320	2.455	0.409	0.000
105.0	9.412	9.412	9.003	8.594	7.775	6.138	4.092	1.228	0.409	0.000
107.5	8.594	8.594	8.185	7.775	6.548	4.911	2.865	0.409	0.409	0.000
110.0	7.775	7.775	7.366	6.957	5.320	3.683	1.637	0.409	0.000	0.000
112.5	6.548	6.548	6.548	5.729	4.092	2.455	0.409	0.409	0.000	0.000
115.0	5.320	5.320	4.911	4.092	2.865	1.228	0.409	0.000	0.000	0.000
117.5	4.092	4.092	3.683	2.865	1.637	0.409	0.409	0.000	0.000	0.000
120.0	2.865	2.865	2.455	1.637	0.409	0.000	0.000	0.000	0.000	0.000
122.5	1.637	1.637	1.228	0.409	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>90</u>	<u>95</u>	<u>105</u>	<u>115</u>	<u>125</u>	<u>135</u>	<u>145</u>	<u>155</u>	<u>165</u>	<u>175</u>
0.0	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826	1339.826
0.5	1339.416	1343.509	1350.056	1356.195	1362.333	1367.244	1371.746	1374.201	1376.656	1379.112
1.0	1339.826	1346.373	1359.878	1371.746	1384.023	1393.026	1402.029	1406.530	1411.032	1415.533
1.5	1339.416	1349.238	1369.290	1386.887	1404.484	1417.580	1430.266	1436.814	1442.543	1448.272
2.0	1338.598	1352.102	1378.293	1401.210	1423.718	1440.087	1455.638	1463.004	1469.552	1476.918
2.5	1337.779	1354.558	1386.887	1414.715	1441.724	1455.229	1476.918	1484.284	1490.423	1498.608
3.0	1336.961	1357.013	1395.072	1427.810	1458.094	1473.235	1494.515	1499.835	1505.155	1513.340

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CANDELA TABULATION - (Cont.)

3.5	1335.324	1358.650	1402.438	1439.678	1472.007	1486.740	1505.564	1508.429	1512.112	1519.478
4.0	1334.096	1361.106	1410.213	1450.318	1483.466	1496.971	1512.521	1511.703	1512.521	1519.069
4.5	1332.869	1362.743	1416.761	1459.731	1492.060	1502.291	1513.340	1508.020	1505.564	1510.066
5.0	1331.232	1364.379	1423.309	1468.324	1498.198	1503.518	1510.885	1499.426	1493.697	1495.334
5.5	1329.595	1365.607	1429.038	1474.463	1500.244	1501.063	1503.109	1485.103	1474.872	1479.783
6.0	1327.549	1366.426	1434.358	1479.783	1501.063	1495.334	1490.832	1465.869	1451.546	1454.820
6.5	1324.684	1367.244	1438.450	1481.829	1498.608	1485.512	1473.644	1441.724	1422.081	1424.127
7.0	1322.229	1367.653	1442.543	1483.466	1494.515	1472.417	1452.364	1413.897	1390.161	1390.161
7.5	1318.955	1367.653	1444.998	1482.648	1486.331	1456.047	1427.810	1382.386	1354.967	1351.693
8.0	1315.681	1367.244	1446.635	1480.601	1476.918	1436.404	1400.392	1348.829	1316.090	1310.770
8.5	1311.998	1366.426	1447.454	1475.691	1464.232	1414.715	1370.518	1311.998	1274.348	1266.164
9.0	1308.724	1365.198	1447.454	1470.371	1449.500	1390.161	1338.189	1272.711	1229.333	1218.284
9.5	1304.632	1363.970	1446.226	1463.004	1432.312	1364.379	1302.995	1230.561	1182.680	1167.130
10.0	1300.948	1362.333	1443.770	1453.592	1413.897	1336.142	1265.345	1186.773	1133.163	1113.111
11.0	1292.764	1357.832	1437.223	1431.494	1370.927	1274.758	1184.317	1093.059	1029.218	1003.028
11.5	1287.853	1355.376	1431.903	1417.170	1347.601	1249.794	1140.939	1043.951	975.200	945.735
12.0	1283.761	1352.512	1426.173	1402.438	1323.456	1206.825	1096.742	994.434	921.181	888.852
12.5	1279.668	1349.647	1419.217	1386.069	1298.084	1179.407	1051.317	944.098	865.935	831.150
13.0	1273.939	1345.964	1411.032	1368.881	1271.075	1132.345	1004.255	892.535	811.098	774.267
13.5	1269.847	1341.872	1402.029	1351.284	1243.247	1104.517	957.603	841.790	757.079	718.202
14.0	1263.299	1337.779	1392.616	1332.869	1213.373	1065.640	910.541	790.636	703.879	663.774
14.5	1259.207	1332.869	1381.976	1312.816	1183.090	1025.945	863.070	739.891	652.316	610.983
15.0	1252.250	1327.549	1370.927	1292.355	1151.579	985.431	814.781	689.556	601.980	561.057
16.0	1239.564	1316.909	1348.010	1250.613	1087.329	903.993	721.067	594.205	509.494	470.617
17.0	1226.468	1304.632	1322.638	1205.597	1021.443	821.738	631.854	507.448	428.466	393.681
18.0	1212.145	1290.718	1295.219	1158.536	952.692	739.482	549.189	430.921	360.533	330.659
19.0	1197.004	1276.395	1266.164	1109.837	883.941	661.319	474.709	366.263	305.696	280.324
20.0	1181.044	1260.844	1236.699	1059.502	814.781	586.020	409.232	313.062	261.908	238.991
22.5	1140.120	1214.191	1159.763	928.547	648.633	426.420	286.872	217.302	170.241	146.505
25.0	1092.649	1161.810	1071.779	802.504	500.900	310.607	198.887	135.456	99.443	81.028
27.5	1041.495	1104.517	978.474	671.140	383.041	228.761	127.680	75.299	45.016	31.511
30.0	987.477	1042.723	875.347	549.599	293.829	155.917	72.843	29.874	19.234	16.779
32.5	931.412	974.381	780.405	443.607	225.896	99.443	30.692	17.188	13.914	12.277
35.0	873.301	906.040	681.371	354.804	161.237	52.791	18.006	13.095	11.049	10.231
37.5	814.372	836.470	590.931	283.598	108.446	24.145	13.505	10.640	9.412	9.003
40.0	754.215	764.855	502.128	225.487	62.203	16.779	11.049	9.003	8.185	6.548
42.5	694.057	693.239	421.918	170.241	29.874	13.095	9.412	7.366	1.228	1.228
45.0	631.036	622.033	350.712	119.905	18.825	10.640	7.775	1.637	1.228	0.818
47.5	572.106	556.146	288.509	79.800	13.914	8.594	1.637	1.228	0.818	0.409
50.0	511.949	489.441	235.718	44.197	11.049	5.729	1.228	0.818	0.409	0.409
52.5	455.884	426.011	190.702	23.326	9.003	2.046	1.228	0.818	0.409	0.409
55.0	402.684	366.672	145.687	15.551	6.957	1.637	0.818	0.409	0.409	0.000
57.5	352.349	311.835	106.810	11.458	2.455	1.228	0.409	0.409	0.000	0.000
60.0	304.059	261.908	69.569	8.594	1.637	0.818	0.409	0.000	0.000	0.000
62.5	259.453	216.484	39.286	6.548	1.228	0.409	0.409	0.000	0.000	0.000
65.0	218.530	175.561	20.462	2.455	0.818	0.409	0.000	0.000	0.000	0.000
67.5	180.471	139.548	12.277	1.637	0.818	0.409	0.000	0.000	0.000	0.000
70.0	146.505	107.628	8.185	1.228	0.409	0.000	0.000	0.000	0.000	0.000
72.5	116.222	80.619	4.911	0.818	0.000	0.000	0.000	0.000	0.000	0.000
75.0	88.803	56.474	2.046	0.409	0.000	0.000	0.000	0.000	0.000	0.000
77.5	65.068	34.375	1.228	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	45.834	18.825	0.409	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	28.646	8.185	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	14.323	2.865	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	5.729	0.818	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

92.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Horizontal Angles
Angles

	180
0.0	1339.826
0.5	1377.475
1.0	1413.078
1.5	1444.998
2.0	1471.598
2.5	1482.238
3.0	1498.198
3.5	1505.974
4.0	1506.383
4.5	1499.426
5.0	1486.331
5.5	1466.687
6.0	1440.906
6.5	1410.213
7.0	1375.838
7.5	1338.189

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CANDELA TABULATION - (Cont.)

8.0	1296.856
8.5	1252.659
9.0	1204.779
9.5	1154.853
10.0	1102.062
11.0	992.797
11.5	935.914
12.0	881.076
12.5	825.012
13.0	768.538
13.5	713.701
14.0	660.500
14.5	608.937
15.0	559.420
16.0	469.798
17.0	392.863
18.0	329.841
19.0	279.915
20.0	238.582
22.5	146.505
25.0	80.619
27.5	30.692
30.0	16.369
32.5	12.277
35.0	10.231
37.5	8.594
40.0	6.138
42.5	0.818
45.0	0.818
47.5	0.409
50.0	0.409
52.5	0.000
55.0	0.000
57.5	0.000
60.0	0.000
62.5	0.000
65.0	0.000
67.5	0.000
70.0	0.000
72.5	0.000
75.0	0.000
77.5	0.000
80.0	0.000
82.5	0.000
85.0	0.000
87.5	0.000
90.0	0.000
92.5	0.000
95.0	0.000
97.5	0.000
100.0	0.000
102.5	0.000
105.0	0.000
107.5	0.000
110.0	0.000
112.5	0.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

115.0	0.000
117.5	0.000
120.0	0.000
122.5	0.000
125.0	0.000
127.5	0.000
130.0	0.000
132.5	0.000
135.0	0.000
137.5	0.000
140.0	0.000
142.5	0.000
145.0	0.000
147.5	0.000
150.0	0.000
152.5	0.000
155.0	0.000
157.5	0.000
160.0	0.000
162.5	0.000
165.0	0.000
167.5	0.000
170.0	0.000
172.5	0.000
175.0	0.000
177.5	0.000
180.0	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : HP-WG-6W-2D-4FT-S-8-35-ITL88542.001.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	327.50	N.A.	31.00
0-30	528.25	N.A.	50.10
0-40	692.22	N.A.	65.60
0-60	914.32	N.A.	86.70
0-80	1036.74	N.A.	98.30
0-90	1046.74	N.A.	99.20
10-90	934.79	N.A.	88.60
20-40	364.72	N.A.	34.60
20-50	492.34	N.A.	46.70
40-70	295.16	N.A.	28.00
60-80	122.43	N.A.	11.60
70-80	49.36	N.A.	4.70
80-90	9.99	N.A.	0.90
90-110	7.25	N.A.	0.70
90-120	8.34	N.A.	0.80
90-130	8.43	N.A.	0.80
90-150	8.43	N.A.	0.80
90-180	8.43	N.A.	0.80
110-180	1.18	N.A.	0.10
0-180	1055.17	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

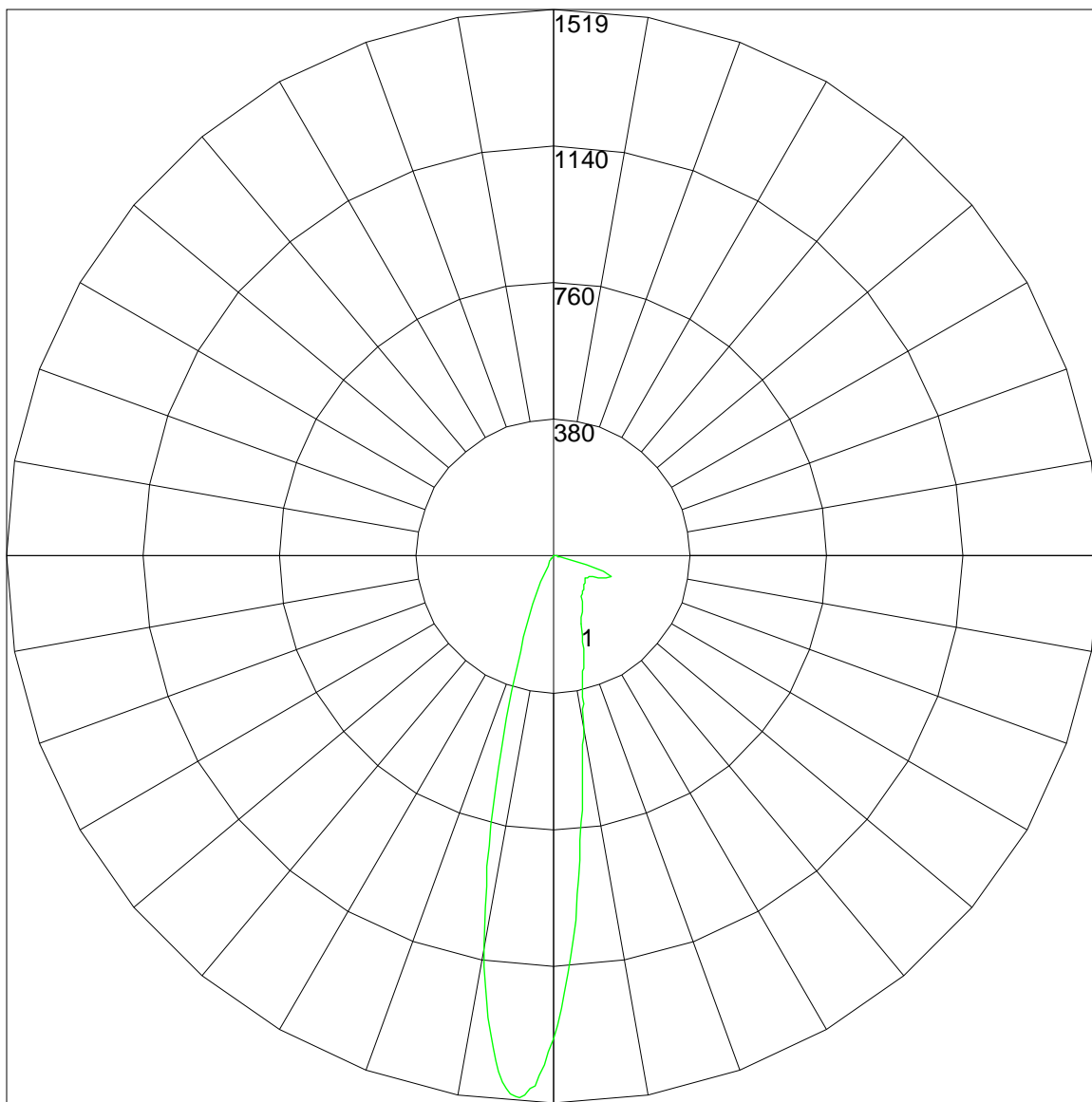
Zone	Lumens
0-10	111.95
10-20	215.55
20-30	200.75
30-40	163.97
40-50	127.62
50-60	94.48
60-70	73.07
70-80	49.36
80-90	9.99
90-100	4.52
100-110	2.73
110-120	1.09
120-130	0.09
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

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	101	101	101	99
1	111	107	104	100	108	105	102	99	100	98	96	96	94	92	93	91	90	88
2	103	96	91	86	101	94	89	85	91	87	83	88	84	81	85	82	79	77
3	96	87	81	76	94	86	80	75	83	78	74	80	76	72	78	74	71	69
4	90	80	73	67	88	79	72	67	76	71	66	74	69	65	72	68	64	62
5	84	74	66	61	82	73	66	61	71	64	60	69	63	59	67	62	59	57
6	79	68	61	56	77	67	60	55	66	59	55	64	58	54	62	58	54	52
7	75	63	56	51	73	63	56	51	61	55	51	60	54	50	59	54	50	48
8	71	59	52	47	69	59	52	47	57	51	47	56	51	47	55	50	46	45
9	67	56	49	44	66	55	49	44	54	48	44	53	48	44	52	47	43	42
10	64	53	46	41	63	52	46	41	51	45	41	50	45	41	49	44	41	39

POLAR GRAPH



Maximum Candela = 1519.478 Located At Horizontal Angle = 175, Vertical Angle = 3.5
1 - Vertical Plane Through Horizontal Angles (0 - 180)