



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995  
 [TEST] s18020023a-03  
 [TESTLAB] LEADING TESTING LABORATORIES  
 [TESTDATE] 2018-11-05  
 [ISSUE DATE] 2018-11-05 15:17:53  
 [LAMPPOSITION] 0,0  
 [MANUFAC]  
 [LUMCAT] WPCS-L30-840-BZ

### CHARACTERISTICS

Lumens Per Lamp	3147.5 (1 lamp)
Total Lamp Lumens	3147.5
Luminaire Lumens	3147
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	28
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	3.26
Spacing Criterion (90-270)	2.42
Spacing Criterion (Diagonal)	2.66
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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**CANDELA TABULATION**

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
<b>0.0</b>	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53
<b>0.5</b>	412.56	411.67	411.10	410.10	408.83	407.14	405.27	403.24	401.20	399.10
<b>1.0</b>	424.66	423.50	422.05	420.17	417.28	414.13	410.19	406.19	401.91	397.82
<b>1.5</b>	436.50	434.57	433.05	430.02	425.98	421.11	415.65	409.13	402.90	396.75
<b>2.0</b>	447.73	445.88	443.50	439.75	434.66	428.47	421.05	412.49	404.10	395.53
<b>2.5</b>	458.86	456.54	453.94	449.17	443.32	435.66	426.67	415.89	405.19	394.55
<b>3.0</b>	470.43	468.00	463.91	458.25	451.07	442.62	432.10	419.52	406.73	393.72
<b>3.5</b>	482.11	479.05	474.79	468.04	458.97	449.06	437.48	423.29	408.19	393.09
<b>4.0</b>	492.77	489.99	485.45	478.42	467.71	455.81	442.84	426.87	409.98	392.21
<b>4.5</b>	502.78	500.24	495.63	488.02	476.65	462.55	448.15	430.49	411.77	391.36
<b>5.0</b>	512.18	509.76	505.04	497.22	486.02	470.18	453.42	434.63	413.67	390.84
<b>5.5</b>	520.80	518.37	513.63	505.99	494.00	478.10	458.81	438.59	415.90	390.63
<b>6.0</b>	529.46	526.77	522.00	513.86	502.03	485.79	464.78	442.75	418.35	390.72
<b>6.5</b>	538.10	535.00	530.15	521.75	509.03	492.73	471.02	447.06	420.68	390.92
<b>7.0</b>	545.84	543.21	538.04	528.95	515.99	499.22	477.21	451.49	423.76	391.75
<b>7.5</b>	553.61	550.90	545.40	536.09	522.48	505.55	483.38	455.99	426.73	392.20
<b>8.0</b>	561.42	558.41	552.72	542.32	529.11	511.59	488.99	460.66	429.65	393.14
<b>8.5</b>	568.61	565.85	559.38	548.76	535.18	517.19	495.01	465.48	432.87	394.36
<b>9.0</b>	575.52	572.76	566.03	555.48	541.29	523.22	500.55	470.49	436.34	395.63
<b>9.5</b>	582.53	578.95	572.31	561.81	546.85	529.00	506.17	475.85	439.84	397.33
<b>10.0</b>	588.64	585.38	578.37	567.52	552.96	534.87	511.69	481.28	443.29	399.11
<b>10.5</b>	594.71	591.14	584.49	573.38	558.78	540.53	517.08	485.77	446.84	401.00
<b>11.0</b>	600.84	597.26	589.93	578.87	564.74	546.43	522.55	490.91	450.69	403.00
<b>11.5</b>	606.04	602.77	595.61	584.65	570.03	551.82	528.04	495.57	454.18	405.11
<b>12.0</b>	611.48	607.75	600.81	589.66	575.37	557.02	532.93	500.05	457.70	407.00
<b>12.5</b>	617.18	612.87	605.67	594.70	580.95	562.74	538.44	504.60	461.28	409.49
<b>13.0</b>	622.11	618.04	610.38	599.81	586.68	568.44	543.46	509.46	464.91	411.56
<b>13.5</b>	626.51	622.59	615.43	605.15	591.79	573.87	548.57	513.82	468.74	413.63
<b>14.0</b>	631.37	627.38	620.44	609.97	597.13	579.08	553.31	518.34	472.60	415.62
<b>14.5</b>	636.00	631.79	625.23	614.81	602.57	584.34	558.30	522.77	476.31	417.89
<b>15.0</b>	640.00	636.28	629.77	619.87	607.64	589.75	563.06	527.36	479.94	420.20
<b>15.5</b>	644.29	640.39	634.19	625.03	612.59	594.42	567.86	531.49	483.32	422.28
<b>16.0</b>	648.41	644.46	638.29	629.73	617.51	599.23	572.96	536.13	487.05	424.68
<b>16.5</b>	651.90	648.39	642.66	634.66	622.60	604.47	578.01	540.75	490.36	427.33
<b>17.0</b>	655.89	652.50	646.89	639.43	627.65	609.32	582.38	545.28	494.07	429.45
<b>17.5</b>	659.12	656.00	650.73	644.17	632.41	614.31	587.04	549.54	497.68	431.99
<b>18.0</b>	662.73	659.62	655.27	648.99	637.60	619.24	591.94	554.22	501.40	434.63
<b>18.5</b>	665.92	662.87	659.20	653.39	642.39	624.07	597.19	558.69	505.03	437.10
<b>19.0</b>	669.36	666.86	663.41	657.91	647.20	629.07	602.19	563.16	508.67	439.57
<b>19.5</b>	672.50	670.65	668.03	662.70	651.94	634.06	607.40	567.67	512.67	442.33
<b>20.0</b>	675.92	674.12	672.00	667.68	657.04	638.92	612.20	571.83	516.45	445.18
<b>20.5</b>	679.01	677.72	676.34	672.42	661.89	644.49	616.92	576.98	520.62	448.02
<b>21.0</b>	681.77	681.02	680.24	677.38	667.13	649.62	622.22	581.85	524.80	450.92
<b>21.5</b>	684.52	683.82	684.42	682.13	672.01	654.85	627.54	586.54	528.70	454.10
<b>22.0</b>	687.54	687.23	688.58	686.91	677.41	660.36	632.91	591.46	533.25	457.19
<b>22.5</b>	689.68	690.17	692.28	692.23	682.52	665.83	638.20	596.15	537.68	460.07
<b>23.0</b>	692.47	693.58	696.74	697.43	687.92	671.50	644.11	600.79	542.10	463.29
<b>23.5</b>	696.13	696.95	701.34	702.14	693.90	677.14	649.63	605.76	546.53	466.33
<b>24.0</b>	698.85	700.96	706.18	707.72	699.63	682.82	655.36	610.99	551.35	469.59
<b>24.5</b>	701.63	705.22	711.28	712.97	705.12	688.41	660.51	616.61	555.79	473.22
<b>25.0</b>	705.22	709.95	716.85	718.36	711.09	693.97	665.92	622.06	560.32	476.60
<b>25.5</b>	709.93	714.41	722.07	723.86	716.74	699.93	671.61	628.03	565.72	480.45
<b>26.0</b>	715.07	719.78	727.38	729.82	723.05	705.76	677.31	633.63	571.04	483.92
<b>26.5</b>	720.65	725.92	732.55	734.66	729.04	711.56	683.05	639.26	576.32	488.00

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**CANDELA TABULATION - (Cont.)**

27.0	726.20	731.81	737.81	740.58	735.06	717.73	688.92	645.31	581.92	492.07
27.5	732.43	737.49	743.70	745.51	740.95	724.07	694.56	651.22	586.84	496.38
28.0	737.76	743.71	749.62	750.76	747.16	729.95	700.07	657.41	592.23	500.91
28.5	743.24	749.05	755.68	756.19	753.25	736.03	705.84	663.76	597.79	505.60
29.0	750.02	754.55	761.81	761.52	759.16	741.92	712.02	669.97	603.38	510.04
29.5	756.71	760.37	767.77	766.86	764.98	748.20	717.99	676.45	609.09	514.83
30.0	763.83	766.96	772.90	772.26	770.81	754.54	724.03	683.29	614.29	519.60
30.5	771.50	773.18	777.98	777.81	775.95	760.81	730.07	689.86	619.73	524.13
31.0	779.39	779.87	782.90	783.06	782.27	767.76	736.39	696.42	625.93	528.99
31.5	787.26	786.75	787.83	788.31	788.05	774.16	742.47	702.91	631.44	533.54
32.0	794.98	793.60	793.24	793.41	793.99	780.32	748.56	708.60	636.87	538.57
32.5	802.92	801.37	798.46	798.52	799.86	787.01	754.97	715.12	642.23	543.67
33.0	810.70	808.79	803.69	803.30	805.54	793.82	761.01	721.27	647.36	548.38
33.5	818.77	816.61	809.39	808.71	811.38	800.17	767.43	727.19	653.28	553.93
34.0	826.57	825.29	815.27	813.94	817.60	806.57	773.38	732.42	658.99	559.34
34.5	834.08	832.61	821.66	819.30	823.07	812.67	779.00	738.03	664.79	564.05
35.0	842.36	840.15	827.98	825.04	828.91	818.82	785.23	743.51	671.00	569.53
35.5	851.73	848.56	834.72	831.20	835.36	825.17	791.50	748.48	676.44	575.30
36.0	859.98	857.03	842.19	837.09	842.45	832.17	798.02	752.91	682.08	581.35
36.5	868.26	865.24	849.20	844.16	849.44	839.75	804.84	758.20	687.43	586.36
37.0	876.87	873.98	857.99	852.03	857.59	848.77	811.97	763.71	692.71	592.21
37.5	886.39	882.56	867.05	859.39	866.82	859.29	819.46	769.18	697.29	598.19
38.0	896.33	891.36	878.28	867.04	876.90	871.60	827.60	775.46	701.97	604.07
38.5	906.72	900.41	888.80	875.48	888.10	886.73	836.29	781.49	706.80	609.62
39.0	916.03	909.85	900.73	885.17	900.85	902.71	845.14	788.59	712.10	615.74
39.5	926.78	919.84	913.95	896.72	912.75	917.27	853.56	796.57	717.53	620.95
40.0	936.88	931.11	927.17	908.44	926.20	929.33	862.60	803.18	722.98	626.87
40.5	947.79	941.99	940.45	921.82	940.95	940.70	872.70	811.24	728.40	632.99
41.0	959.61	953.59	953.04	935.05	956.30	952.24	882.19	819.51	734.59	639.33
41.5	970.32	964.85	964.71	950.08	974.13	963.13	894.22	827.01	740.73	645.93
42.0	980.24	975.46	976.45	966.49	992.33	972.77	909.72	832.60	746.13	652.65
42.5	992.15	986.14	987.97	982.80	1005.72	981.14	928.07	838.65	751.43	659.28
43.0	1003.19	997.27	1000.41	1000.84	1017.88	989.01	941.60	844.97	757.16	666.01
43.5	1015.03	1008.62	1012.50	1020.60	1026.05	996.85	952.36	851.19	762.03	672.23
44.0	1027.69	1020.17	1025.08	1038.55	1032.75	1004.66	963.50	857.15	767.71	678.83
44.5	1040.38	1032.28	1037.41	1056.48	1038.13	1012.21	971.45	861.00	772.96	684.71
45.0	1054.28	1045.48	1050.25	1072.33	1044.93	1019.04	979.19	863.89	778.77	691.30
45.5	1072.60	1059.90	1062.09	1083.99	1051.63	1023.40	985.31	867.48	784.31	698.15
46.0	1088.20	1078.76	1075.80	1094.78	1058.21	1029.42	990.09	871.19	789.92	704.09
46.5	1104.26	1096.07	1090.09	1105.20	1066.09	1037.03	994.45	875.31	794.96	710.64
47.0	1118.93	1111.33	1108.14	1117.02	1073.31	1044.34	1000.05	878.23	801.26	717.72
47.5	1136.04	1128.54	1125.08	1127.18	1081.57	1050.29	1002.24	882.29	807.90	724.35
48.0	1152.94	1144.41	1141.26	1137.26	1089.89	1057.81	1004.53	887.30	813.78	731.28
48.5	1170.98	1162.13	1156.10	1150.63	1098.38	1065.68	1006.61	892.28	820.51	738.49
49.0	1195.49	1180.22	1172.28	1165.55	1108.94	1073.39	1009.68	897.84	828.14	746.45
49.5	1222.02	1204.58	1188.76	1178.53	1118.19	1081.38	1013.18	905.82	836.38	754.13
50.0	1244.92	1232.42	1206.37	1191.54	1129.77	1092.24	1014.82	915.40	844.00	761.96
50.5	1270.85	1258.99	1228.47	1204.48	1141.13	1101.96	1017.77	923.13	852.04	769.41
51.0	1295.47	1284.90	1255.98	1217.72	1153.13	1111.00	1022.70	929.43	858.87	777.64
51.5	1316.40	1311.50	1283.11	1234.03	1167.83	1121.60	1028.93	935.49	866.56	785.69
52.0	1333.74	1333.34	1308.33	1251.31	1183.41	1131.19	1035.19	941.62	873.91	794.48
52.5	1349.45	1349.51	1333.10	1274.22	1200.04	1143.32	1041.22	948.08	881.55	802.15
53.0	1358.97	1364.92	1355.14	1300.90	1215.60	1156.00	1048.56	955.90	888.14	810.76
53.5	1367.57	1376.39	1373.08	1324.80	1229.50	1165.03	1058.41	963.36	896.00	819.47
54.0	1375.67	1387.57	1388.61	1348.33	1245.27	1176.14	1073.22	971.65	904.19	828.07
54.5	1384.13	1396.89	1405.56	1368.96	1261.75	1187.67	1083.11	978.95	912.85	836.38

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55.0	1391.64	1404.58	1419.24	1387.15	1283.12	1199.54	1092.04	985.17	921.34	845.10
55.5	1398.74	1411.11	1430.14	1401.01	1304.63	1211.97	1101.13	993.75	929.90	854.54
56.0	1404.19	1418.03	1437.23	1415.04	1330.30	1231.63	1111.27	1008.63	938.87	864.13
56.5	1407.96	1422.67	1444.28	1431.39	1358.85	1255.00	1121.79	1023.32	948.05	873.35
57.0	1408.30	1430.37	1451.33	1447.79	1385.60	1277.75	1137.88	1033.19	957.61	883.66
57.5	1410.47	1428.67	1458.38	1464.18	1408.51	1299.46	1159.91	1041.46	967.46	893.73
58.0	1407.96	1426.75	1464.41	1480.57	1425.34	1321.52	1179.01	1050.74	977.66	904.46
58.5	1399.70	1424.83	1474.10	1496.97	1437.45	1341.26	1198.44	1061.27	988.24	914.61
59.0	1384.14	1422.91	1485.10	1504.07	1449.33	1357.47	1214.72	1074.72	1001.12	925.63
59.5	1362.63	1420.99	1495.30	1509.79	1461.21	1372.72	1230.46	1094.03	1020.61	936.03
60.0	1335.31	1404.34	1501.24	1512.38	1473.10	1385.48	1243.40	1111.86	1035.12	946.99
60.5	1307.51	1380.74	1500.39	1512.89	1472.01	1393.17	1255.86	1127.64	1048.11	958.42
61.0	1277.52	1355.12	1489.64	1510.02	1468.61	1396.84	1266.03	1141.96	1062.07	970.08
61.5	1238.46	1330.68	1472.53	1502.43	1465.56	1397.72	1270.44	1152.62	1077.16	982.44
62.0	1205.34	1301.78	1448.73	1493.94	1458.41	1397.04	1272.52	1162.25	1094.01	995.10
62.5	1172.80	1270.96	1415.78	1482.59	1451.01	1391.81	1272.44	1167.90	1111.54	1007.39
63.0	1148.77	1239.69	1378.71	1465.75	1445.74	1386.66	1270.52	1169.85	1129.19	1021.36
63.5	1123.66	1208.30	1333.64	1445.23	1434.32	1375.51	1265.11	1171.02	1147.35	1036.48
64.0	1101.11	1176.61	1290.83	1415.69	1422.37	1358.36	1255.05	1171.37	1162.68	1050.91
64.5	1080.86	1141.44	1246.32	1386.57	1404.29	1336.95	1241.48	1167.62	1175.42	1064.09
65.0	1062.63	1106.29	1206.39	1351.51	1378.66	1306.01	1224.54	1163.47	1182.61	1077.14
65.5	1050.12	1077.16	1165.41	1306.71	1344.86	1265.42	1200.95	1157.17	1184.67	1090.48
66.0	1044.31	1051.20	1126.98	1248.44	1314.34	1231.08	1169.84	1147.15	1188.72	1104.45
66.5	1039.72	1028.71	1090.82	1189.79	1284.57	1194.36	1131.39	1134.14	1191.20	1118.19
67.0	1035.25	1014.15	1054.10	1130.52	1250.45	1156.36	1096.89	1117.58	1190.51	1131.15
67.5	1034.69	999.59	1014.80	1085.00	1207.82	1111.62	1063.08	1096.78	1187.69	1138.06
68.0	1029.88	990.93	977.34	1041.39	1154.20	1063.30	1025.32	1066.81	1180.36	1142.01
68.5	1024.64	982.61	943.10	993.30	1094.48	1007.59	982.95	1034.86	1171.27	1142.83
69.0	1019.82	975.51	922.82	940.84	1021.43	945.69	934.65	1001.63	1157.72	1130.40
69.5	1015.03	969.03	908.17	887.86	935.49	880.08	881.43	969.03	1138.78	1111.46
70.0	1004.81	958.92	885.88	829.48	856.14	821.09	820.35	933.12	1115.90	1089.02
70.5	990.83	947.21	861.22	774.24	787.25	762.95	758.38	892.40	1085.46	1062.77
71.0	974.77	934.81	833.57	730.15	729.40	712.37	698.69	847.23	1053.40	1033.78
71.5	954.87	921.56	798.53	687.85	677.03	663.96	641.94	798.16	1010.08	1001.21
72.0	932.98	902.52	761.55	654.36	630.02	617.63	590.81	748.29	963.84	975.07
72.5	906.10	880.63	729.18	621.00	583.15	572.80	545.98	693.88	913.01	945.19
73.0	874.92	855.95	699.20	587.65	536.28	525.83	502.85	638.38	860.57	917.76
73.5	840.13	822.29	665.95	554.30	489.41	476.46	463.58	584.58	808.89	885.39
74.0	800.30	784.99	632.65	520.04	442.32	426.92	423.14	534.33	752.62	839.63
74.5	759.66	743.42	599.35	480.33	392.61	377.85	384.89	487.73	694.21	788.90
75.0	720.23	700.98	566.06	439.46	346.12	331.88	345.70	444.45	638.32	738.74
75.5	680.06	661.07	532.76	401.62	305.68	293.17	311.21	404.49	584.69	687.17
76.0	635.71	621.23	499.52	358.50	268.79	258.99	278.37	364.13	535.44	633.78
76.5	594.69	581.38	463.17	313.52	236.61	229.41	248.59	319.32	482.83	580.58
77.0	553.67	541.53	424.49	272.22	208.52	203.17	220.92	272.24	434.51	515.88
77.5	512.81	501.69	381.68	233.53	183.97	180.90	195.87	228.49	385.41	456.85
78.0	472.96	463.38	334.71	201.89	162.49	161.04	173.49	191.00	342.06	416.23
78.5	435.87	425.43	289.60	177.20	142.98	144.53	154.57	160.97	298.37	379.65
79.0	401.80	390.06	250.40	156.27	126.03	130.65	137.70	139.46	259.74	344.07
79.5	368.58	353.21	217.03	137.49	110.09	118.59	123.38	122.36	222.60	309.79
80.0	338.58	318.96	187.54	121.17	97.13	108.23	110.31	107.33	189.30	271.08
80.5	309.45	284.61	162.15	107.51	86.16	98.31	98.97	94.26	160.05	222.34
81.0	281.45	251.70	142.17	94.98	76.79	89.09	89.15	82.29	135.66	177.59
81.5	255.64	221.29	125.22	84.31	68.31	80.74	78.22	69.46	112.52	149.87
82.0	231.04	193.04	110.19	75.04	62.64	73.02	70.84	61.32	91.49	127.36
82.5	207.95	167.61	97.04	67.68	57.05	66.56	64.59	53.46	70.69	109.50

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

83.0	185.12	144.87	85.16	61.26	51.47	60.16	58.40	45.60	59.21	80.75
83.5	162.21	124.19	74.13	54.85	45.88	53.75	52.21	37.74	48.09	59.86
84.0	138.78	106.36	65.86	48.44	41.44	47.35	46.02	29.88	36.97	49.36
84.5	116.18	89.90	57.65	42.03	37.12	40.95	39.82	25.56	25.85	42.58
85.0	94.88	75.91	49.45	36.65	33.01	35.90	32.58	21.92	14.73	29.65
85.5	76.79	63.92	41.24	31.54	28.94	31.83	27.20	18.43	11.84	20.66
86.0	64.76	54.97	33.03	27.03	25.13	27.62	22.74	13.84	9.67	15.17
86.5	52.91	46.09	27.50	22.89	21.34	23.43	18.77	11.42	7.76	9.77
87.0	41.07	37.21	22.62	19.13	17.60	18.96	15.22	9.44	6.48	4.37
87.5	29.22	28.34	18.12	15.81	13.86	15.25	11.80	7.59	5.26	3.31
88.0	17.37	22.19	13.07	12.32	10.63	11.87	8.82	6.26	4.03	2.39
88.5	9.41	15.67	9.30	9.08	7.47	8.70	7.37	4.95	2.81	1.47
89.0	7.78	8.13	5.25	5.98	6.01	7.27	5.96	3.65	2.24	0.55
89.5	6.19	6.49	4.27	4.85	4.63	5.87	4.55	2.34	1.80	0.22
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.5	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 : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.5	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 : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.5	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.)**

167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0.0	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53
0.5	396.83	395.08	393.13	391.40	390.24	389.35	388.78	388.08	388.92	389.01
1.0	393.50	389.74	385.94	383.28	380.84	378.85	377.72	377.30	377.50	378.21
1.5	390.40	385.04	379.41	375.21	371.91	369.06	367.34	366.63	366.78	367.68
2.0	387.40	379.98	373.17	367.47	362.72	359.13	356.56	355.52	356.47	357.91
2.5	384.38	375.19	366.83	359.17	353.32	348.60	345.42	344.08	345.57	347.26
3.0	381.45	370.63	360.26	351.38	343.74	337.40	333.94	331.98	333.60	336.32
3.5	378.67	366.04	353.97	342.98	333.34	326.62	322.58	320.88	322.49	325.31
4.0	375.89	361.44	347.34	334.35	324.14	317.03	313.19	311.84	312.74	315.90
4.5	373.39	356.90	340.76	326.18	315.98	309.67	305.73	303.84	304.12	307.33
5.0	370.69	352.08	333.62	318.78	309.16	302.49	298.28	296.30	296.61	299.90
5.5	368.53	347.43	327.27	312.27	303.13	296.01	291.74	290.05	289.79	293.01
6.0	366.34	343.05	321.43	306.82	297.11	290.31	287.10	285.55	284.64	287.28
6.5	364.01	338.32	315.89	301.80	291.50	286.01	283.14	281.95	280.83	282.87
7.0	362.38	334.19	311.38	297.20	287.44	282.64	280.23	279.12	277.80	279.75
7.5	360.69	330.06	307.22	292.32	283.91	279.76	277.54	276.47	275.16	277.03
8.0	359.15	326.25	303.21	288.43	281.08	277.24	275.13	274.02	272.72	274.55
8.5	357.78	323.07	299.76	285.11	278.76	274.85	272.75	271.60	270.22	272.10
9.0	356.01	319.78	296.18	282.37	276.37	272.60	270.48	269.37	268.16	269.94
9.5	354.72	316.91	292.83	280.15	274.31	270.35	268.35	267.18	266.02	267.91
10.0	353.73	314.32	289.66	278.06	272.27	268.34	266.28	264.99	263.91	265.93
10.5	352.62	311.85	286.96	276.17	270.39	266.34	264.18	262.88	261.84	263.97
11.0	351.62	309.89	284.80	274.51	268.57	264.49	262.14	260.83	259.80	262.23
11.5	351.03	308.17	283.11	272.86	266.78	262.56	260.12	258.86	257.81	260.39
12.0	350.56	306.51	281.72	271.62	264.89	260.61	258.09	256.91	255.74	258.61

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**CANDELA TABULATION - (Cont.)**

12.5	350.34	305.13	280.65	270.21	263.31	258.64	256.00	254.93	253.95	256.76
13.0	350.06	303.68	279.46	268.73	261.44	256.71	254.04	252.88	252.06	255.24
13.5	349.77	302.35	278.62	267.49	259.83	255.00	252.17	251.01	250.22	253.45
14.0	349.84	300.96	277.77	266.33	258.05	253.21	250.22	248.91	248.35	251.63
14.5	350.04	299.58	277.01	265.18	256.44	251.38	248.10	246.70	246.43	249.62
15.0	350.27	298.51	276.31	263.96	254.90	249.65	246.31	244.61	244.19	247.62
15.5	350.38	297.39	275.51	262.82	253.37	247.75	244.21	242.43	242.12	245.61
16.0	350.55	296.44	274.87	261.65	251.78	245.92	242.33	240.44	240.07	243.66
16.5	350.95	295.68	274.07	260.58	250.30	244.13	240.32	238.30	237.79	241.60
17.0	351.04	295.11	273.40	259.44	248.85	242.39	238.24	235.95	235.42	239.57
17.5	351.59	294.70	272.69	258.44	247.45	240.59	236.26	233.82	233.30	237.59
18.0	351.93	294.26	271.92	257.29	245.86	238.68	234.31	231.81	231.17	235.74
18.5	352.52	294.07	271.32	256.07	244.33	236.97	232.39	229.60	229.19	233.96
19.0	353.34	293.97	270.55	254.98	242.97	235.43	230.35	227.63	227.15	232.12
19.5	354.27	294.04	269.85	253.89	241.66	233.87	228.52	225.74	225.40	230.24
20.0	355.27	293.92	269.31	253.02	240.35	232.29	226.61	224.01	223.61	228.55
20.5	356.21	294.01	268.81	252.06	239.30	230.69	224.92	222.35	221.95	226.70
21.0	357.91	294.12	268.38	251.43	238.23	229.38	223.48	220.71	220.31	224.99
21.5	359.29	294.34	268.03	250.86	237.54	228.01	222.02	219.01	218.51	223.35
22.0	360.97	294.53	267.65	250.31	236.96	226.87	220.50	217.19	216.69	221.79
22.5	362.88	295.03	267.72	249.99	236.62	225.88	219.15	215.42	214.87	220.25
23.0	364.54	295.62	267.65	249.75	236.04	224.86	217.56	213.68	213.03	218.69
23.5	366.07	296.12	267.74	249.55	235.47	223.77	216.05	211.90	211.24	216.90
24.0	368.13	296.84	268.10	249.54	235.11	222.70	214.61	210.21	209.27	215.21
24.5	370.06	297.41	268.32	249.71	234.70	221.70	213.11	208.55	207.43	213.65
25.0	372.00	298.13	268.65	249.55	234.11	220.76	211.70	206.77	205.63	212.12
25.5	374.33	299.23	269.16	249.63	233.65	219.96	210.30	205.24	203.86	210.59
26.0	376.87	300.33	269.52	249.54	232.95	218.95	208.89	203.71	202.18	209.15
26.5	379.37	301.15	269.97	249.36	232.29	217.94	207.59	202.28	200.98	207.74
27.0	381.91	302.33	270.22	249.18	231.67	217.02	206.39	200.89	199.56	206.44
27.5	384.76	303.46	270.59	248.96	231.18	216.12	205.29	199.49	198.26	205.06
28.0	387.55	304.60	270.68	248.71	230.51	215.29	203.94	198.14	196.85	203.90
28.5	390.95	305.75	270.96	248.59	230.14	214.49	202.78	196.81	195.51	202.69
29.0	394.14	306.77	271.29	248.41	229.60	213.66	201.49	195.53	194.16	201.50
29.5	397.41	307.98	271.66	248.23	229.11	212.83	200.07	194.34	193.00	200.30
30.0	401.09	309.46	272.14	248.14	228.69	211.95	198.83	193.27	191.78	199.23
30.5	404.78	310.71	272.70	247.89	228.41	211.02	197.75	192.04	190.61	198.25
31.0	409.24	312.24	273.15	247.70	227.73	209.93	196.67	190.85	189.42	197.34
31.5	413.75	313.97	273.62	247.67	227.23	208.96	195.66	189.63	188.05	196.21
32.0	418.37	315.70	274.16	247.77	226.65	208.05	194.52	188.18	186.73	195.24
32.5	423.30	317.92	274.79	247.65	226.24	207.22	193.16	186.92	185.60	194.33
33.0	428.20	320.38	275.43	247.55	225.78	206.46	192.10	185.81	184.42	193.56
33.5	433.05	323.24	276.30	247.81	225.49	205.66	191.04	184.60	183.19	192.77
34.0	438.30	326.55	277.32	248.12	225.08	204.96	189.97	183.33	181.80	191.98
34.5	443.36	330.25	278.22	248.28	224.57	204.14	189.03	182.25	180.24	191.16
35.0	448.94	334.32	279.05	247.93	224.00	203.38	187.92	181.14	178.80	190.41
35.5	454.73	338.82	279.69	247.71	223.58	202.60	186.87	179.85	177.40	189.47
36.0	460.69	342.87	280.41	247.50	223.17	202.01	186.17	178.66	175.85	188.46
36.5	466.47	346.95	281.20	247.32	222.71	201.26	185.43	177.48	174.52	187.47
37.0	472.40	351.30	282.25	247.41	222.39	200.54	184.68	176.36	173.17	186.20
37.5	478.34	355.76	283.48	247.39	221.96	199.79	183.85	175.26	171.88	185.06
38.0	483.80	360.53	284.75	247.44	221.57	199.14	183.09	174.14	170.74	184.12
38.5	489.79	366.04	286.92	247.58	221.33	198.37	182.13	173.33	169.71	183.03
39.0	495.79	371.55	289.13	247.57	221.02	197.74	181.40	172.34	168.67	182.08
39.5	501.41	376.63	291.05	247.54	220.80	197.06	180.65	171.52	167.57	181.16
40.0	507.26	381.76	293.53	247.82	220.79	196.51	180.09	170.65	166.60	180.17

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

40.5	513.59	387.43	295.81	247.87	220.34	196.07	179.45	169.72	165.79	179.29
41.0	519.66	393.00	297.87	248.12	220.26	195.50	178.94	168.99	165.01	178.42
41.5	525.96	397.89	300.43	248.47	220.11	195.01	178.55	168.28	164.21	177.54
42.0	532.14	402.92	303.43	248.88	219.74	194.64	178.11	167.61	163.62	176.59
42.5	538.21	407.83	306.23	249.28	219.37	194.21	177.62	167.03	163.03	175.69
43.0	544.31	413.19	309.12	249.84	219.13	193.74	177.17	166.57	162.56	174.87
43.5	550.91	418.20	312.08	250.65	218.96	193.46	176.64	166.00	161.99	173.95
44.0	557.44	423.59	315.37	251.60	218.90	193.17	176.17	165.59	161.50	172.97
44.5	563.71	427.99	318.81	252.69	218.73	192.86	175.64	165.08	160.96	171.94
45.0	569.82	433.28	322.29	253.96	218.80	192.45	174.87	164.65	160.20	170.91
45.5	575.97	438.35	325.95	255.36	218.87	192.10	174.15	164.26	159.82	170.11
46.0	582.32	443.19	329.62	256.76	219.02	191.78	173.31	163.51	159.39	168.97
46.5	588.64	448.16	333.41	258.39	219.35	191.67	172.70	162.78	159.10	167.70
47.0	594.95	453.14	337.41	260.21	219.63	191.57	172.01	161.87	158.01	166.52
47.5	600.86	457.72	341.50	262.29	220.12	191.46	170.93	160.83	156.93	165.23
48.0	607.74	462.82	345.84	264.61	220.65	191.46	169.84	159.50	155.84	163.65
48.5	613.81	467.94	350.15	266.88	221.15	191.48	168.75	157.81	154.74	161.09
49.0	619.53	472.78	354.51	269.31	221.74	191.09	167.90	155.50	153.32	158.52
49.5	626.74	478.06	359.16	272.07	222.33	190.63	166.73	151.94	151.76	155.96
50.0	633.13	483.17	363.76	274.98	223.05	190.14	157.62	149.84	149.96	153.40
50.5	639.59	488.45	368.62	278.05	223.83	189.35	152.16	147.11	147.88	150.82
51.0	646.54	493.74	373.30	281.48	224.77	188.84	150.15	144.20	145.29	148.00
51.5	653.30	498.63	378.23	285.53	225.89	188.06	148.65	141.18	143.50	145.38
52.0	660.09	503.56	383.11	289.50	227.15	185.33	146.91	137.77	141.70	141.50
52.5	667.13	508.49	388.54	294.01	228.72	173.32	136.20	135.20	139.63	137.51
53.0	674.05	513.12	393.97	298.86	230.67	171.78	133.23	132.21	137.05	135.04
53.5	681.18	517.91	399.75	304.55	232.71	170.94	131.05	129.13	134.46	131.98
54.0	688.24	522.71	405.84	310.34	235.25	169.84	129.27	124.87	131.62	128.64
54.5	695.18	527.41	412.21	318.13	238.48	162.52	125.15	121.42	128.16	122.74
55.0	702.27	532.20	418.77	327.46	242.22	154.85	117.53	111.15	114.66	118.59
55.5	709.03	537.15	425.62	338.75	241.01	153.82	115.11	94.02	101.69	101.40
56.0	716.20	542.00	433.77	352.52	241.15	153.15	111.98	88.92	99.02	90.80
56.5	723.23	546.59	442.75	368.97	245.01	152.08	99.81	86.08	95.77	85.42
57.0	730.52	550.19	453.68	389.01	251.74	148.85	88.83	83.76	93.17	82.62
57.5	738.21	553.92	466.65	413.49	262.31	144.50	84.22	82.06	91.15	80.47
58.0	746.07	558.80	483.01	437.08	276.45	143.59	79.23	80.25	89.02	78.77
58.5	753.69	562.89	503.52	461.67	293.01	131.76	77.56	78.47	86.84	76.87
59.0	762.22	567.40	524.45	482.98	309.79	118.64	75.88	76.57	84.31	74.97
59.5	769.50	572.30	544.03	500.10	326.40	111.15	66.35	74.48	81.59	72.93
60.0	777.44	577.52	561.33	512.84	340.80	104.09	63.53	71.88	77.09	70.67
60.5	784.55	583.00	575.66	518.84	349.18	103.25	60.78	66.47	60.87	63.42
61.0	791.72	590.29	585.80	520.39	350.71	103.19	58.02	60.87	56.30	49.52
61.5	798.99	597.61	591.88	515.72	321.43	102.51	55.27	55.27	53.51	47.22
62.0	806.85	605.66	594.86	510.04	302.32	101.30	48.65	49.67	50.78	45.14
62.5	813.95	613.58	595.25	498.21	288.53	99.73	46.49	44.07	48.78	43.45
63.0	820.80	620.05	592.18	472.78	278.29	97.55	44.87	41.97	46.59	41.76
63.5	827.14	624.58	586.07	445.92	271.20	88.13	43.23	39.99	44.22	40.14
64.0	834.63	630.66	566.99	421.93	262.56	81.20	41.32	37.62	41.15	38.12
64.5	843.18	637.86	543.77	404.28	252.50	74.50	38.80	28.38	31.00	33.27
65.0	850.70	636.87	520.99	391.79	241.58	70.64	35.97	24.07	27.60	25.51
65.5	858.11	626.24	499.18	360.02	230.29	67.20	29.20	21.85	24.83	23.12
66.0	866.05	610.57	481.38	345.29	203.87	63.76	25.19	20.07	22.28	21.07
66.5	871.54	592.60	472.34	334.20	163.80	60.32	23.20	18.46	18.56	17.57
67.0	867.97	577.34	461.63	325.39	139.64	56.88	20.95	16.72	14.83	14.08
67.5	859.17	564.35	453.01	310.13	127.60	44.61	18.00	12.50	11.11	10.58
68.0	847.59	551.94	446.76	289.16	122.60	36.77	14.54	4.48	7.38	7.09

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

68.5	836.19	546.03	431.03	267.24	117.99	30.06	11.52	2.83	3.76	3.64
69.0	825.72	539.57	404.08	248.68	113.21	28.13	8.11	2.35	2.26	2.25
69.5	812.63	532.17	382.97	227.30	100.59	26.42	6.22	1.87	1.58	1.48
70.0	801.44	521.28	355.44	217.38	88.85	22.77	4.44	1.40	1.05	1.01
70.5	797.12	503.26	329.31	202.58	76.67	18.67	2.65	0.92	0.72	0.69
71.0	790.15	480.07	309.35	194.63	65.47	16.12	0.87	0.44	0.48	0.47
71.5	779.93	441.81	295.62	187.12	56.45	11.71	0.60	0.30	0.33	0.33
72.0	760.20	412.66	287.44	170.16	47.50	8.35	0.45	0.22	0.23	0.25
72.5	737.01	390.74	271.25	143.53	38.55	6.38	0.35	0.16	0.16	0.18
73.0	710.69	371.50	258.13	116.56	29.60	4.47	0.27	0.10	0.10	0.12
73.5	679.92	358.83	229.43	93.73	23.26	2.57	0.20	0.07	0.07	0.09
74.0	638.78	338.51	199.63	78.69	19.92	0.67	0.15	0.05	0.05	0.07
74.5	581.52	317.87	169.37	70.02	16.41	0.41	0.11	0.04	0.05	0.05
75.0	534.56	286.02	144.66	59.65	12.88	0.31	0.08	0.04	0.05	0.06
75.5	511.91	248.55	122.70	49.20	9.18	0.24	0.07	0.04	0.06	0.06
76.0	490.51	213.37	99.71	38.75	7.36	0.18	0.07	0.04	0.06	0.06
76.5	462.44	181.81	79.09	28.30	5.61	0.14	0.06	0.04	0.06	0.06
77.0	427.65	153.03	63.23	17.84	3.86	0.12	0.06	0.04	0.07	0.07
77.5	375.92	128.91	55.68	13.21	2.11	0.11	0.05	0.04	0.07	0.07
78.0	304.28	108.68	48.24	7.43	0.36	0.10	0.05	0.04	0.08	0.07
78.5	267.76	89.50	40.80	5.65	0.19	0.09	0.05	0.05	0.08	0.08
79.0	238.74	73.78	33.36	3.94	0.15	0.08	0.05	0.05	0.08	0.08
79.5	210.55	64.17	20.66	2.24	0.13	0.07	0.05	0.05	0.09	0.08
80.0	180.62	54.87	8.41	0.53	0.11	0.07	0.05	0.05	0.09	0.09
80.5	140.33	45.57	5.89	0.29	0.10	0.07	0.05	0.05	0.10	0.09
81.0	108.86	36.27	4.13	0.19	0.09	0.06	0.05	0.06	0.10	0.10
81.5	92.43	26.97	2.37	0.15	0.08	0.06	0.06	0.06	0.11	0.10
82.0	78.97	22.84	0.61	0.13	0.08	0.06	0.06	0.06	0.11	0.11
82.5	62.88	15.01	0.33	0.11	0.07	0.06	0.06	0.07	0.12	0.11
83.0	51.07	8.79	0.23	0.10	0.07	0.07	0.07	0.07	0.13	0.12
83.5	39.43	7.01	0.18	0.09	0.07	0.07	0.07	0.08	0.14	0.13
84.0	27.80	5.33	0.14	0.09	0.08	0.07	0.08	0.08	0.14	0.14
84.5	16.16	3.65	0.12	0.09	0.08	0.08	0.08	0.09	0.15	0.14
85.0	6.98	1.96	0.11	0.09	0.09	0.09	0.09	0.10	0.16	0.15
85.5	5.15	0.28	0.10	0.09	0.09	0.09	0.10	0.10	0.16	0.16
86.0	3.56	0.17	0.10	0.09	0.10	0.10	0.10	0.11	0.17	0.16
86.5	1.97	0.14	0.10	0.10	0.10	0.11	0.11	0.12	0.18	0.17
87.0	0.37	0.13	0.11	0.10	0.11	0.11	0.12	0.12	0.19	0.18
87.5	0.22	0.13	0.11	0.11	0.12	0.12	0.12	0.13	0.20	0.19
88.0	0.17	0.13	0.12	0.12	0.13	0.13	0.13	0.14	0.20	0.20
88.5	0.15	0.13	0.12	0.13	0.14	0.14	0.14	0.15	0.21	0.21
89.0	0.15	0.14	0.13	0.14	0.15	0.15	0.15	0.16	0.22	0.22
89.5	0.16	0.15	0.14	0.15	0.16	0.16	0.16	0.17	0.23	0.23
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.0	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 : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

96.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.0	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 : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

124.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.0	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 : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	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 : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b><u>200</u></b>	<b><u>210</u></b>	<b><u>220</u></b>	<b><u>230</u></b>	<b><u>240</u></b>	<b><u>250</u></b>	<b><u>260</u></b>	<b><u>270</u></b>	<b><u>280</u></b>	<b><u>290</u></b>
<b>0.0</b>	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53	400.53
<b>0.5</b>	389.72	390.93	392.59	394.03	396.17	397.84	400.08	402.20	404.10	406.17
<b>1.0</b>	379.70	382.10	384.65	387.81	391.54	395.20	399.81	403.88	407.60	411.62
<b>1.5</b>	370.04	373.31	377.37	381.90	387.21	392.61	399.29	405.52	411.28	417.21
<b>2.0</b>	360.82	364.97	369.85	376.17	383.34	390.85	399.51	407.72	415.43	422.92
<b>2.5</b>	351.25	356.70	363.26	370.94	379.86	389.31	399.66	409.91	419.61	429.29
<b>3.0</b>	341.33	348.10	356.48	365.74	376.16	387.35	399.91	412.11	423.85	435.39
<b>3.5</b>	330.98	339.19	349.24	360.35	372.65	385.52	400.00	414.43	428.34	441.40
<b>4.0</b>	321.86	330.48	341.68	355.14	369.19	384.16	400.72	416.80	432.58	447.08
<b>4.5</b>	313.44	322.43	334.52	349.40	365.73	382.70	401.20	419.50	436.71	453.13
<b>5.0</b>	305.96	315.03	327.74	343.80	362.20	381.22	401.94	421.89	441.35	459.00
<b>5.5</b>	299.00	308.54	321.32	338.12	358.40	379.54	402.52	424.60	445.97	465.19
<b>6.0</b>	292.79	302.16	315.27	332.66	354.98	378.74	404.16	428.35	451.29	471.79
<b>6.5</b>	287.65	296.16	309.58	327.26	352.06	378.29	405.75	432.05	456.98	478.82
<b>7.0</b>	283.65	291.11	304.30	322.67	348.96	377.45	407.21	435.71	462.26	485.60
<b>7.5</b>	280.81	287.09	299.19	318.59	346.08	377.01	408.87	439.50	467.68	492.46
<b>8.0</b>	278.41	284.24	294.87	314.58	343.05	376.63	410.39	443.21	473.32	499.01
<b>8.5</b>	276.13	281.88	291.41	310.84	340.18	376.22	412.06	447.31	479.08	506.29
<b>9.0</b>	274.08	279.77	288.87	307.52	337.63	376.00	413.97	451.08	484.53	512.98
<b>9.5</b>	271.94	278.04	287.10	304.19	335.05	375.50	415.76	455.10	489.66	519.48
<b>10.0</b>	270.10	276.50	285.72	301.33	332.77	375.21	417.87	459.07	495.25	525.70
<b>10.5</b>	268.43	275.04	284.43	299.25	330.47	375.21	419.78	462.79	500.49	531.74
<b>11.0</b>	266.71	273.53	283.26	297.54	328.20	375.07	421.56	466.56	505.70	537.72
<b>11.5</b>	265.02	272.14	282.14	296.45	326.36	374.77	423.42	470.39	510.62	543.71
<b>12.0</b>	263.37	270.89	281.14	295.58	324.44	374.65	425.35	473.94	515.88	549.61
<b>12.5</b>	261.72	269.64	280.22	294.81	322.72	374.35	427.36	477.83	520.70	555.14
<b>13.0</b>	260.18	268.23	279.32	294.22	321.40	374.24	429.65	481.38	525.41	560.36
<b>13.5</b>	258.68	266.93	278.52	293.80	320.06	374.07	431.38	484.70	530.08	565.17
<b>14.0</b>	257.18	265.58	277.59	293.35	318.98	374.12	433.08	487.96	534.61	570.32
<b>14.5</b>	255.70	264.22	276.68	293.03	318.32	374.19	434.94	491.12	539.16	575.54
<b>15.0</b>	253.97	262.85	275.86	292.67	317.68	374.07	436.49	493.77	543.43	580.43
<b>15.5</b>	252.26	261.55	274.96	292.18	317.14	374.04	438.17	496.97	547.17	585.64
<b>16.0</b>	250.51	260.20	274.11	291.63	316.69	374.00	440.10	499.77	551.12	590.58
<b>16.5</b>	248.86	258.83	273.25	291.05	316.42	374.07	441.72	502.89	555.15	595.76
<b>17.0</b>	247.25	257.71	272.35	290.56	316.27	374.06	443.52	506.03	559.40	600.77
<b>17.5</b>	245.59	256.34	271.51	290.21	316.19	374.41	445.52	509.19	563.51	605.30
<b>18.0</b>	244.09	255.28	270.76	290.16	316.09	374.63	447.27	512.55	567.79	610.26
<b>18.5</b>	242.57	254.37	270.04	289.98	316.02	375.20	449.34	516.00	572.61	615.27
<b>19.0</b>	241.14	253.44	269.39	289.61	316.22	376.02	451.42	519.42	577.47	620.30
<b>19.5</b>	239.62	252.64	268.90	289.55	316.26	376.40	453.10	522.86	581.87	625.82
<b>20.0</b>	238.19	251.87	268.37	289.51	316.48	377.20	454.88	526.74	586.51	631.09
<b>20.5</b>	236.84	250.98	268.04	289.61	316.87	377.80	456.93	530.48	591.51	636.32
<b>21.0</b>	235.72	250.35	267.92	289.53	317.34	379.12	459.08	534.37	596.27	641.84
<b>21.5</b>	234.38	249.69	267.85	289.51	318.11	380.49	461.47	538.87	601.47	647.27
<b>22.0</b>	232.91	248.99	267.75	289.70	318.79	381.85	463.80	543.12	607.15	652.80
<b>22.5</b>	231.60	248.32	267.82	290.09	319.35	383.09	466.59	548.21	612.73	658.66
<b>23.0</b>	230.36	247.65	267.77	290.42	319.88	384.83	469.54	552.56	617.99	664.70
<b>23.5</b>	229.21	247.02	267.77	290.56	320.87	386.70	472.50	557.23	624.08	670.74
<b>24.0</b>	228.12	246.49	267.82	290.92	321.62	388.81	475.47	561.82	630.05	676.46
<b>24.5</b>	227.01	246.00	267.66	291.37	322.29	390.59	478.95	566.92	635.69	682.62
<b>25.0</b>	225.98	245.56	267.49	291.61	323.24	392.53	482.90	572.10	641.71	688.57
<b>25.5</b>	224.85	244.95	267.45	291.77	323.85	394.76	487.16	577.21	647.54	694.67
<b>26.0</b>	223.82	244.39	267.24	291.90	324.34	397.35	491.60	582.84	653.31	700.76

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

26.5	222.96	243.98	267.06	292.18	325.20	399.98	496.47	588.40	658.91	707.05
27.0	221.95	243.41	266.98	292.33	325.88	402.72	501.10	594.12	665.11	713.30
27.5	221.06	242.73	266.82	292.58	326.58	405.87	506.34	599.69	671.45	719.56
28.0	220.19	242.37	266.63	292.73	327.54	409.49	511.75	605.59	677.04	725.35
28.5	219.17	241.81	266.27	292.70	328.72	413.71	517.32	611.31	682.95	731.35
29.0	218.30	241.23	266.12	292.73	329.93	418.04	523.25	617.45	689.26	737.41
29.5	217.50	240.83	265.77	292.75	331.68	422.28	529.15	622.91	694.66	743.26
30.0	216.66	240.29	265.36	292.68	333.47	426.59	535.19	628.90	700.72	749.24
30.5	215.80	239.77	265.31	292.76	335.59	431.64	541.96	634.88	707.09	755.65
31.0	215.03	239.41	264.78	292.91	338.01	436.44	548.78	640.81	712.63	761.57
31.5	214.20	238.75	264.30	293.07	340.74	441.73	555.21	646.63	718.65	767.06
32.0	213.40	238.11	264.09	293.24	343.60	447.02	561.88	652.56	723.94	773.38
32.5	212.66	237.70	263.53	293.30	346.62	452.62	568.53	658.34	729.33	778.76
33.0	212.00	237.22	263.38	293.53	350.45	458.56	575.57	664.97	734.98	783.92
33.5	211.35	236.75	263.16	294.37	354.37	464.69	582.20	670.83	739.62	788.84
34.0	210.57	236.22	262.57	294.83	357.42	470.75	589.48	677.22	745.23	793.72
34.5	210.05	235.65	261.82	295.18	361.25	477.26	596.41	683.58	750.73	798.54
35.0	209.33	234.65	260.92	294.92	364.96	483.41	603.56	690.12	756.29	803.01
35.5	208.27	233.58	259.92	294.56	367.80	489.42	611.48	697.37	761.13	806.61
36.0	207.25	232.76	258.93	294.65	370.50	495.89	618.35	703.61	766.71	810.80
36.5	206.10	231.60	258.57	295.01	374.29	500.35	625.68	710.54	771.08	815.84
37.0	205.15	230.79	258.28	296.17	378.28	505.56	633.29	717.38	775.85	821.45
37.5	204.28	230.01	257.77	297.44	382.04	512.09	640.69	723.38	781.49	826.86
38.0	203.16	229.47	257.36	298.39	386.11	518.39	647.29	729.55	786.80	834.22
38.5	202.19	228.45	256.99	299.69	389.58	524.99	654.65	736.97	792.25	842.19
39.0	201.06	227.85	256.67	301.58	393.66	530.95	661.10	743.50	798.14	851.66
39.5	200.22	226.90	256.21	303.46	397.67	536.43	668.51	749.44	803.95	861.01
40.0	199.13	226.06	255.86	304.94	401.72	541.96	675.12	756.88	810.11	869.91
40.5	198.43	225.38	255.51	306.82	405.92	547.36	681.29	762.04	815.90	877.95
41.0	197.49	224.89	254.88	308.40	409.60	552.75	687.91	769.97	822.21	886.38
41.5	196.50	224.24	254.47	310.72	413.41	558.01	694.36	777.23	827.84	890.25
42.0	195.58	223.53	254.35	312.77	417.43	563.56	700.48	783.30	833.47	894.43
42.5	194.76	223.27	254.48	315.54	421.83	567.61	706.77	790.45	839.87	898.64
43.0	193.80	222.97	254.63	318.76	425.97	573.94	712.70	796.18	845.21	902.15
43.5	193.30	222.49	255.11	321.73	430.31	579.30	718.55	802.89	850.78	905.35
44.0	192.50	222.32	255.46	324.99	435.13	584.15	725.16	808.62	855.60	908.61
44.5	191.98	222.35	256.30	328.44	439.40	589.59	730.65	815.28	861.10	911.92
45.0	190.64	222.43	256.91	332.21	444.03	594.37	736.58	823.15	866.96	915.13
45.5	190.01	222.16	258.10	335.80	449.03	599.25	742.49	830.58	872.27	918.42
46.0	189.59	222.09	259.04	340.08	453.72	605.43	749.02	836.02	877.85	920.55
46.5	188.94	222.35	260.40	343.76	458.68	611.27	754.88	843.91	884.15	923.38
47.0	188.32	222.74	262.18	347.92	463.15	616.69	761.76	852.00	889.93	925.62
47.5	187.78	222.56	263.98	352.74	467.86	622.42	769.02	858.57	896.60	930.53
48.0	187.01	222.78	266.00	357.08	471.97	627.95	775.34	867.29	903.32	934.29
48.5	185.96	223.17	268.27	362.04	476.12	633.38	782.63	876.15	909.54	939.31
49.0	184.84	223.63	271.06	366.15	479.91	638.89	789.45	885.35	917.02	943.77
49.5	183.91	224.04	273.96	371.78	484.28	644.55	796.89	892.54	924.31	949.71
50.0	182.48	224.49	277.77	376.13	488.63	649.23	803.42	901.79	932.05	954.72
50.5	176.71	225.53	281.62	381.24	493.23	654.89	809.65	910.15	939.15	960.53
51.0	167.21	225.41	286.15	386.60	497.88	660.03	816.57	919.12	948.18	966.70
51.5	165.59	226.53	291.24	393.07	502.46	666.07	823.86	928.86	956.40	973.24
52.0	162.25	226.91	296.16	398.61	507.33	671.91	831.03	938.86	964.48	979.73
52.5	158.91	227.88	301.68	405.53	511.98	677.15	837.71	948.10	973.08	987.41
53.0	155.57	217.19	307.87	412.00	516.62	682.38	845.11	956.83	980.54	995.57
53.5	152.24	217.91	315.00	418.20	520.94	687.01	851.63	966.95	986.93	1003.43
54.0	148.95	219.19	321.77	425.01	524.88	692.29	859.35	976.28	995.24	1013.16

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

54.5	147.84	221.05	329.64	431.24	528.97	696.80	866.70	985.78	1003.42	1027.44
55.0	144.20	221.71	339.21	439.18	533.28	701.69	874.12	995.39	1012.34	1040.48
55.5	137.19	212.85	351.85	448.43	537.57	706.26	880.86	1006.07	1022.03	1052.08
56.0	135.82	209.04	369.75	462.52	541.42	710.02	888.41	1015.53	1031.61	1063.69
56.5	131.94	207.89	392.59	480.87	545.05	713.70	895.82	1024.96	1043.74	1076.06
57.0	121.39	210.60	417.82	502.29	550.61	717.59	902.93	1034.26	1056.98	1087.20
57.5	107.63	207.29	441.83	526.65	557.15	721.04	910.18	1043.22	1069.71	1101.98
58.0	102.94	207.19	462.87	550.32	565.04	725.05	916.85	1052.32	1083.01	1116.86
58.5	101.77	194.52	479.63	568.45	574.20	727.46	922.88	1062.19	1094.61	1127.49
59.0	100.71	181.84	490.62	580.09	585.93	729.34	929.67	1072.62	1106.48	1138.57
59.5	98.58	169.17	497.26	588.06	597.72	731.89	936.17	1082.54	1117.79	1148.20
60.0	96.02	156.49	499.54	591.89	609.52	734.27	942.77	1091.78	1129.45	1158.00
60.5	92.41	143.85	497.38	592.51	618.30	735.94	949.81	1103.11	1142.53	1170.50
61.0	91.35	141.83	481.88	592.23	623.86	738.21	956.74	1113.71	1151.83	1182.29
61.5	89.89	139.44	458.73	586.49	627.68	740.42	962.78	1125.31	1160.65	1194.45
62.0	80.52	137.09	424.98	567.12	628.71	741.99	968.61	1134.86	1168.77	1200.78
62.5	76.47	134.39	394.99	543.14	626.37	743.62	974.00	1144.06	1176.34	1203.66
63.0	74.50	130.86	377.65	517.91	611.72	745.57	980.31	1151.33	1188.30	1203.70
63.5	72.67	122.98	365.31	497.58	593.66	745.97	985.09	1160.13	1197.96	1202.86
64.0	68.72	108.31	347.79	483.18	573.04	744.20	991.37	1169.60	1206.61	1197.80
64.5	63.30	96.68	334.33	473.34	550.21	732.86	997.04	1175.28	1210.15	1190.68
65.0	59.17	87.60	321.03	463.47	531.95	718.64	1002.54	1184.17	1211.22	1177.78
65.5	53.48	83.99	297.44	444.84	522.33	703.54	1006.24	1192.15	1213.03	1164.39
66.0	43.42	80.41	269.09	414.79	515.20	685.58	1002.55	1200.44	1211.97	1148.98
66.5	35.56	76.83	227.21	383.64	508.18	671.12	992.97	1206.01	1205.20	1131.97
67.0	29.60	72.58	197.60	350.29	496.47	661.81	979.81	1208.15	1193.72	1111.38
67.5	27.54	64.45	181.94	322.11	476.57	656.94	963.27	1207.74	1180.97	1087.30
68.0	22.44	57.10	168.73	297.09	450.07	651.44	947.41	1197.05	1166.24	1061.48
68.5	17.35	46.96	155.51	277.20	415.16	640.74	931.19	1175.65	1149.16	1027.36
69.0	12.26	35.33	142.29	265.94	387.41	620.00	916.81	1144.72	1128.90	985.36
69.5	7.16	30.80	129.08	250.89	362.66	595.21	906.53	1110.15	1104.09	936.93
70.0	2.15	27.04	115.23	229.34	339.73	567.40	898.00	1074.56	1075.26	891.03
70.5	1.33	23.46	88.84	205.61	312.40	536.77	881.94	1040.89	1038.50	851.09
71.0	0.91	19.88	69.20	181.88	294.57	492.34	854.97	1004.28	992.97	809.53
71.5	0.68	16.30	56.17	158.15	270.52	453.46	821.93	969.74	939.08	757.85
72.0	0.53	12.72	47.85	134.42	240.77	423.93	785.34	938.99	878.09	699.28
72.5	0.42	9.12	40.06	110.37	207.10	399.18	746.99	901.20	811.66	636.30
73.0	0.32	4.90	32.28	81.75	173.43	375.36	712.55	855.55	751.09	573.57
73.5	0.24	1.27	24.49	58.43	139.77	341.17	664.56	801.00	686.04	518.25
74.0	0.18	0.72	16.70	45.01	106.73	286.41	604.27	747.00	628.87	471.18
74.5	0.15	0.53	9.11	39.66	83.85	250.52	551.40	691.93	574.33	426.90
75.0	0.12	0.39	6.08	32.53	67.06	214.61	518.83	633.07	520.55	384.67
75.5	0.11	0.28	3.65	25.41	58.72	178.71	482.07	574.05	467.54	344.02
76.0	0.10	0.21	1.56	18.28	52.00	142.80	445.18	514.54	411.98	301.63
76.5	0.09	0.17	0.70	11.16	45.29	107.57	406.40	453.71	361.33	261.82
77.0	0.08	0.14	0.48	4.31	36.49	84.04	354.40	398.21	312.89	233.50
77.5	0.08	0.12	0.36	2.83	29.18	72.83	271.38	351.20	268.70	205.18
78.0	0.07	0.11	0.26	1.64	24.49	58.59	221.97	311.61	236.82	176.86
78.5	0.07	0.10	0.19	0.95	19.79	46.10	193.33	274.90	204.93	148.53
79.0	0.07	0.09	0.15	0.61	15.09	39.26	164.67	238.03	173.04	120.87
79.5	0.07	0.09	0.13	0.43	10.39	33.06	136.02	201.17	141.14	104.27
80.0	0.08	0.08	0.11	0.32	5.69	27.92	107.36	164.30	110.02	89.80
80.5	0.08	0.08	0.10	0.21	1.15	22.78	78.92	127.42	89.48	72.77
81.0	0.08	0.08	0.10	0.17	0.71	17.64	62.04	91.01	71.96	56.67
81.5	0.09	0.08	0.09	0.15	0.45	12.50	52.54	77.38	53.87	45.08
82.0	0.09	0.08	0.09	0.13	0.32	7.37	43.51	61.98	46.58	39.08

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**CANDELA TABULATION - (Cont.)**

82.5	0.10	0.09	0.09	0.11	0.26	4.33	34.48	41.66	39.29	34.09
83.0	0.10	0.09	0.09	0.11	0.21	2.21	25.45	34.84	31.99	29.43
83.5	0.11	0.09	0.09	0.10	0.16	0.87	16.41	28.01	24.70	25.29
84.0	0.12	0.10	0.09	0.10	0.14	0.38	7.68	21.18	17.40	22.05
84.5	0.12	0.11	0.10	0.10	0.13	0.29	3.80	14.34	10.16	18.81
85.0	0.13	0.11	0.10	0.11	0.13	0.24	2.18	7.61	8.52	15.57
85.5	0.14	0.12	0.11	0.11	0.13	0.19	1.21	5.64	7.18	12.34
86.0	0.14	0.13	0.12	0.12	0.13	0.17	0.58	3.92	5.65	9.15
86.5	0.15	0.13	0.12	0.12	0.13	0.16	0.32	2.75	4.42	7.41
87.0	0.16	0.14	0.13	0.13	0.14	0.17	0.24	2.04	3.51	5.81
87.5	0.17	0.15	0.14	0.14	0.15	0.17	0.21	1.46	2.71	4.36
88.0	0.18	0.16	0.15	0.15	0.15	0.18	0.20	0.97	2.17	2.99
88.5	0.19	0.17	0.16	0.16	0.16	0.18	0.21	0.54	1.77	2.12
89.0	0.20	0.18	0.17	0.17	0.17	0.19	0.21	0.26	1.48	1.70
89.5	0.21	0.19	0.18	0.18	0.18	0.20	0.22	0.22	1.24	1.51
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

110.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

138.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

166.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Horizontal Angles**  
**Angles**

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	400.53	400.53	400.53	400.53	400.53	400.53	400.53
0.5	407.74	409.11	410.48	411.26	412.04	412.31	412.56
1.0	414.92	417.89	420.52	422.49	423.70	424.29	424.66
1.5	422.52	426.98	431.08	433.74	436.05	436.49	436.50
2.0	429.83	435.95	441.06	444.82	447.30	448.64	447.73
2.5	438.00	444.89	450.47	455.28	458.18	459.59	458.86
3.0	445.13	453.67	460.01	465.46	469.16	470.96	470.43
3.5	452.43	462.05	469.89	476.04	480.90	482.68	482.11
4.0	459.29	470.55	480.19	487.11	491.77	493.84	492.77
4.5	466.58	479.34	489.91	497.12	501.83	504.29	502.78
5.0	474.17	488.57	499.09	506.35	511.04	513.76	512.18
5.5	481.90	496.81	507.39	515.30	519.97	522.55	520.80
6.0	489.88	505.23	515.89	523.56	527.95	531.04	529.46
6.5	497.43	512.44	523.74	531.56	536.35	539.38	538.10
7.0	504.85	520.42	531.42	539.33	544.37	547.53	545.84
7.5	512.67	527.60	539.49	547.63	552.50	555.60	553.61
8.0	520.06	534.74	546.45	554.80	560.57	563.33	561.42
8.5	527.42	541.87	553.68	562.51	568.16	570.91	568.61
9.0	534.09	549.26	561.07	570.15	575.99	578.18	575.52
9.5	540.74	556.91	568.46	577.76	583.50	585.76	582.53
10.0	547.47	564.09	575.72	585.10	590.75	592.20	588.64
10.5	553.91	570.74	583.47	592.27	597.64	598.43	594.71
11.0	560.50	577.66	590.68	599.22	604.05	604.84	600.84
11.5	566.67	584.35	597.72	606.06	610.25	610.91	606.04

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**CANDELA TABULATION - (Cont.)**

12.0	572.86	591.07	605.01	612.69	616.78	616.60	611.48
12.5	578.81	597.64	611.49	618.82	623.11	622.26	617.18
13.0	584.48	604.38	617.73	624.66	628.82	627.58	622.11
13.5	590.79	610.58	623.95	631.04	635.11	632.74	626.51
14.0	596.71	616.89	630.18	636.88	640.51	637.77	631.37
14.5	602.18	622.57	636.22	642.39	645.50	642.59	636.00
15.0	607.96	628.33	641.94	648.19	650.46	647.26	640.00
15.5	613.29	633.82	647.82	653.63	655.51	651.71	644.29
16.0	618.62	639.67	653.29	658.83	660.37	655.85	648.41
16.5	623.69	645.29	658.65	663.76	664.89	659.93	651.90
17.0	629.22	650.94	663.65	668.43	668.80	664.39	655.89
17.5	635.24	656.10	668.90	673.01	672.63	667.77	659.12
18.0	641.01	661.51	673.67	677.91	676.54	671.19	662.73
18.5	646.51	666.35	678.47	681.74	680.69	674.82	665.92
19.0	651.96	671.41	683.28	685.56	684.84	678.44	669.36
19.5	657.16	676.77	688.08	689.39	688.99	681.66	672.50
20.0	662.51	682.14	692.88	693.29	693.14	685.15	675.92
20.5	667.99	687.50	697.67	699.74	697.22	688.16	679.01
21.0	673.44	692.87	702.15	703.24	699.52	690.91	681.77
21.5	678.90	698.22	705.71	706.77	702.75	693.63	684.52
22.0	684.59	703.27	710.05	709.86	705.08	696.72	687.54
22.5	690.04	708.05	714.58	713.41	707.93	699.64	689.68
23.0	695.30	712.56	718.09	715.97	710.47	701.83	692.47
23.5	699.86	716.88	721.41	719.49	713.99	704.25	696.13
24.0	705.22	720.93	724.98	722.34	716.97	706.75	698.85
24.5	710.16	724.73	729.01	725.11	718.87	709.31	701.63
25.0	714.73	729.07	732.55	727.64	721.15	711.76	705.22
25.5	719.77	734.05	736.34	730.43	723.92	714.62	709.93
26.0	724.84	738.41	740.13	733.23	725.98	717.73	715.07
26.5	730.34	742.27	742.79	735.85	728.36	721.31	720.65
27.0	735.63	747.05	747.05	738.89	731.88	726.54	726.20
27.5	740.51	751.09	750.34	741.42	734.18	732.31	732.43
28.0	746.36	756.12	753.93	744.70	737.47	737.79	737.76
28.5	752.04	761.20	758.69	747.76	740.86	744.46	743.24
29.0	757.71	766.04	762.27	751.10	745.85	751.19	750.02
29.5	762.56	770.58	767.59	754.46	750.48	758.67	756.71
30.0	768.03	776.16	771.68	759.00	756.08	766.38	763.83
30.5	773.80	782.68	777.25	763.51	762.86	773.78	771.50
31.0	780.20	788.47	783.76	768.34	769.69	782.19	779.39
31.5	785.63	794.25	789.10	773.61	777.45	790.12	787.26
32.0	790.73	801.09	795.43	779.01	784.71	798.48	794.98
32.5	795.56	807.23	801.85	785.14	793.94	806.83	802.92
33.0	800.46	813.39	807.66	791.76	803.02	815.01	810.70
33.5	806.31	819.75	813.35	797.90	810.23	823.64	818.77
34.0	811.48	827.23	821.07	805.42	819.19	832.86	826.57
34.5	817.42	833.83	827.44	813.58	827.58	842.23	834.08
35.0	824.22	840.20	834.00	822.07	837.29	851.18	842.36
35.5	830.99	847.40	840.46	831.84	847.31	861.01	851.73
36.0	839.55	856.84	849.37	842.11	858.37	870.47	859.98
36.5	848.23	867.45	860.28	853.12	870.81	880.16	868.26
37.0	858.13	880.82	874.33	864.77	881.97	889.97	876.87
37.5	867.33	897.66	891.86	877.64	895.54	900.48	886.39
38.0	877.92	914.99	916.46	892.22	913.46	910.46	896.33
38.5	889.88	929.49	942.94	907.09	930.79	921.60	906.72
39.0	899.46	942.96	971.20	923.09	945.79	932.48	916.03
39.5	907.99	956.17	995.90	940.71	962.24	943.61	926.78

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

40.0	915.62	970.71	1013.66	959.58	975.50	953.56	936.88
40.5	921.84	982.88	1030.25	980.73	988.29	964.91	947.79
41.0	930.99	996.83	1046.47	1005.08	999.66	976.47	959.61
41.5	938.55	1011.16	1056.91	1033.20	1011.07	988.23	970.32
42.0	946.30	1020.69	1065.41	1063.09	1024.34	999.54	980.24
42.5	955.17	1028.07	1074.61	1088.49	1038.37	1011.94	992.15
43.0	965.98	1030.75	1079.71	1110.59	1051.82	1023.52	1003.19
43.5	979.45	1035.32	1084.50	1129.89	1068.76	1033.95	1015.03
44.0	991.98	1040.40	1089.10	1146.60	1082.88	1047.79	1027.69
44.5	1005.40	1045.95	1097.86	1159.83	1097.93	1060.19	1040.38
45.0	1012.15	1051.18	1104.37	1172.08	1110.98	1074.09	1054.28
45.5	1017.36	1053.11	1112.65	1182.17	1122.94	1091.09	1072.60
46.0	1023.50	1061.33	1119.96	1191.21	1136.52	1105.61	1088.20
46.5	1026.95	1065.90	1128.19	1200.15	1150.20	1121.15	1104.26
47.0	1031.09	1069.97	1138.83	1210.66	1162.06	1135.85	1118.93
47.5	1032.90	1074.79	1150.15	1220.06	1173.81	1151.42	1136.04
48.0	1035.34	1080.86	1160.38	1230.64	1188.73	1168.22	1152.94
48.5	1036.44	1086.16	1173.31	1239.19	1205.60	1184.69	1170.98
49.0	1038.44	1093.30	1186.06	1250.09	1222.64	1205.26	1195.49
49.5	1040.98	1101.94	1198.16	1260.59	1240.67	1229.78	1222.02
50.0	1044.49	1112.13	1209.54	1273.63	1264.42	1251.74	1244.92
50.5	1046.96	1122.73	1224.05	1288.67	1280.93	1272.77	1270.85
51.0	1049.72	1135.71	1240.17	1300.13	1299.31	1298.65	1295.47
51.5	1054.67	1151.79	1259.34	1321.58	1322.60	1317.74	1316.40
52.0	1061.88	1172.35	1282.40	1332.90	1342.48	1335.19	1333.74
52.5	1073.59	1190.90	1308.92	1351.29	1358.08	1351.41	1349.45
53.0	1088.02	1209.03	1330.60	1374.70	1372.59	1364.07	1358.97
53.5	1100.19	1227.66	1351.50	1395.26	1385.70	1372.38	1367.57
54.0	1113.01	1249.23	1374.73	1420.08	1393.97	1379.81	1375.67
54.5	1126.03	1271.86	1396.98	1437.14	1403.37	1385.34	1384.13
55.0	1141.18	1293.69	1421.50	1452.95	1412.75	1389.45	1391.64
55.5	1159.50	1317.82	1442.16	1467.02	1421.10	1393.65	1398.74
56.0	1178.09	1338.19	1463.05	1479.89	1430.45	1397.39	1404.19
56.5	1193.94	1357.89	1480.19	1492.05	1441.94	1400.45	1407.96
57.0	1207.61	1379.57	1496.94	1503.71	1449.31	1401.66	1408.30
57.5	1223.97	1402.07	1512.19	1513.17	1454.49	1401.49	1410.47
58.0	1239.29	1424.35	1528.58	1521.02	1458.79	1400.20	1407.96
58.5	1255.00	1444.96	1546.55	1527.59	1461.91	1394.88	1399.70
59.0	1270.77	1465.43	1562.03	1532.65	1456.07	1389.13	1384.14
59.5	1286.46	1479.99	1576.15	1539.82	1450.24	1377.98	1362.63
60.0	1299.27	1490.41	1582.12	1548.86	1444.41	1358.60	1335.31
60.5	1306.83	1495.67	1585.62	1556.33	1437.81	1337.08	1307.51
61.0	1311.14	1498.76	1591.82	1559.94	1417.35	1310.85	1277.52
61.5	1311.35	1496.24	1592.45	1553.66	1396.00	1279.50	1238.46
62.0	1309.42	1482.10	1584.58	1543.65	1374.10	1242.30	1205.34
62.5	1303.44	1467.97	1573.49	1513.05	1345.21	1206.59	1172.80
63.0	1292.20	1453.83	1560.90	1482.47	1312.86	1179.14	1148.77
63.5	1279.15	1439.70	1544.52	1451.88	1280.60	1152.46	1123.66
64.0	1265.14	1425.29	1526.09	1421.30	1244.26	1126.60	1101.11
64.5	1246.55	1400.73	1497.38	1389.35	1205.01	1103.25	1080.86
65.0	1223.99	1374.28	1468.67	1339.28	1166.83	1083.31	1062.63
65.5	1199.61	1343.39	1439.96	1281.75	1131.39	1071.05	1050.12
66.0	1176.39	1305.18	1409.92	1232.36	1101.42	1060.77	1044.31
66.5	1145.61	1249.17	1350.39	1182.65	1075.38	1056.84	1039.72
67.0	1104.97	1186.18	1272.82	1129.58	1050.11	1062.06	1035.25
67.5	1052.76	1138.42	1201.39	1071.36	1025.23	1060.74	1034.69

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

68.0	1001.68	1091.47	1126.85	1008.43	1006.83	1057.84	1029.88
68.5	957.60	1041.14	1051.18	950.29	991.64	1054.51	1024.64
69.0	915.96	973.91	962.53	900.39	974.76	1048.08	1019.82
69.5	866.41	901.05	869.26	849.21	953.04	1034.76	1015.03
70.0	803.35	822.75	774.12	786.52	919.88	1019.04	1004.81
70.5	732.53	756.94	696.31	726.45	868.83	999.74	990.83
71.0	667.76	694.27	635.92	666.49	825.12	978.56	974.77
71.5	611.62	634.42	582.81	612.91	791.41	956.47	954.87
72.0	562.57	573.63	532.79	570.84	746.29	929.40	932.98
72.5	515.58	515.67	488.78	534.06	701.37	895.82	906.10
73.0	475.54	461.09	444.50	499.06	657.72	860.23	874.92
73.5	436.30	413.60	399.35	465.22	614.95	817.67	840.13
74.0	398.71	365.47	353.40	429.92	575.12	771.25	800.30
74.5	362.48	320.21	308.95	390.81	536.42	723.87	759.66
75.0	327.10	280.75	271.67	351.26	496.20	678.40	720.23
75.5	292.47	247.55	240.38	310.67	455.80	636.77	680.06
76.0	260.65	219.37	213.97	272.36	417.37	593.01	635.71
76.5	229.90	201.82	194.52	237.98	379.33	550.10	594.69
77.0	209.90	184.26	175.06	210.24	342.82	505.01	553.67
77.5	189.88	166.69	155.61	190.95	307.69	464.98	512.81
78.0	169.87	149.13	136.41	171.65	273.13	426.14	472.96
78.5	149.85	131.79	122.22	152.36	242.72	386.64	435.87
79.0	130.21	119.33	108.69	133.17	215.93	350.11	401.80
79.5	116.87	108.46	96.68	119.79	195.86	318.93	368.58
80.0	105.14	98.97	86.02	108.29	175.79	288.78	338.58
80.5	90.56	89.49	76.70	97.56	155.71	260.25	309.45
81.0	78.75	80.64	69.21	88.26	135.89	232.49	281.45
81.5	72.02	71.78	62.77	79.48	121.32	210.42	255.64
82.0	65.89	62.98	56.83	71.93	108.49	188.34	231.04
82.5	59.09	55.18	51.52	64.93	96.60	166.27	207.95
83.0	51.97	47.92	46.63	58.72	85.38	144.20	185.12
83.5	42.98	41.48	42.01	53.01	75.36	122.17	162.21
84.0	31.16	34.67	37.56	47.64	66.37	105.21	138.78
84.5	27.20	29.33	33.48	42.21	58.03	89.31	116.18
85.0	23.24	25.82	29.70	37.41	50.22	74.56	94.88
85.5	19.28	22.31	26.15	32.80	42.67	61.48	76.79
86.0	15.32	18.80	22.31	28.39	36.16	50.29	64.76
86.5	11.35	15.30	18.47	24.09	30.55	39.82	52.91
87.0	7.50	11.79	14.62	19.79	25.31	32.66	41.07
87.5	5.40	8.30	10.78	15.49	20.07	25.50	29.22
88.0	3.81	5.77	7.01	11.19	14.83	18.34	17.37
88.5	2.53	3.73	4.25	6.90	9.59	11.18	9.41
89.0	1.84	2.23	2.83	3.54	4.41	4.18	7.78
89.5	1.59	1.72	2.05	2.25	2.52	2.13	6.19
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

96.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

124.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES

CANDELA TABULATION - (Cont.)

152.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
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**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	166.14	5.30	5.30
0-30	392.84	12.50	12.50
0-40	743.88	23.60	23.60
0-60	1993.6	63.30	63.30
0-80	3115.92	99.00	99.00
0-90	3147.49	100.00	100.00
10-90	3108.16	98.80	98.80
20-40	577.74	18.40	18.40
20-50	1098.53	34.90	34.90
40-70	2032.81	64.60	64.60
60-80	1122.32	35.70	35.70
70-80	339.24	10.80	10.80
80-90	31.57	1.00	1.00
90-110	0.00	0.00	0.00
90-120	0.00	0.00	0.00
90-130	0.00	0.00	0.00
90-150	0.00	0.00	0.00
90-180	0.00	0.00	0.00
110-180	0.00	0.00	0.00
0-180	3147.49	100.00	100.00

Total Luminaire Efficiency = 100.00%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	39.33
10-20	126.81
20-30	226.70
30-40	351.04
40-50	520.79
50-60	728.93
60-70	783.08
70-80	339.24
80-90	31.57
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

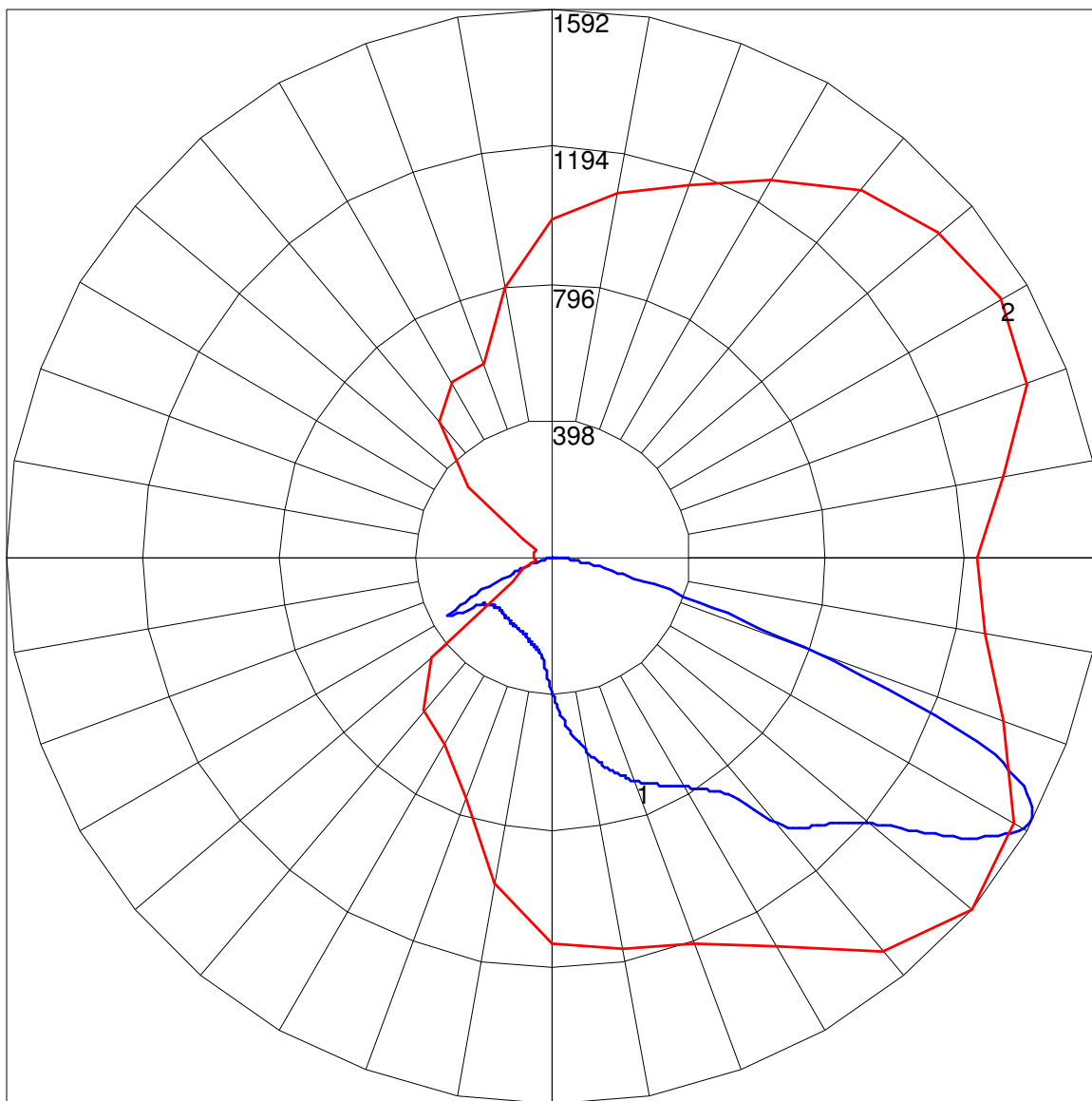
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPCS-L30-840-BZ.IES**

**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	107	101	96	91	104	99	94	90	94	90	87	90	87	84	87	84	82	79
2	94	84	76	69	92	83	75	68	79	72	67	75	70	65	72	68	64	61
3	84	71	62	54	81	70	61	53	66	59	52	64	57	51	61	55	50	48
4	75	61	51	43	73	60	50	42	57	48	42	54	47	41	52	46	40	38
5	68	53	42	35	66	52	42	34	49	41	34	47	39	33	45	38	33	30
6	62	46	36	29	60	45	36	28	43	35	28	42	34	28	40	33	27	25
7	57	41	31	24	55	40	31	24	39	30	24	37	29	23	36	29	23	21
8	52	37	27	21	51	36	27	21	35	26	20	33	26	20	32	25	20	18
9	48	33	24	18	47	33	24	18	31	23	18	30	23	18	29	22	17	15
10	45	30	22	16	44	30	21	16	29	21	16	28	21	15	27	20	15	13

POLAR GRAPH



Maximum Candela = 1592.45 Located At Horizontal Angle = 320, Vertical Angle = 61.5  
# 1 - Vertical Plane Through Horizontal Angles (320 - 140) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (61.5) (Through Max. Cd.)