



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] s17040016e-01 (scaled to 4K)

[TESTLAB] LEADING TESTING LABORATORIES

[TESTDATE] 2017-04-14

[ISSUEDATE] 2017-04-14 10:32:41

[MANUFAC]

[LUMCAT] WPSQ-O-L22-840-BZ

[LUMINAIRE] WPSQ-O WITH ONE 17W QSSI LED ARRAY

[MORE] 120-277V 50/60HZ 17W 4000K

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2173
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	109
Total Luminaire Watts	20
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.32
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.44
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>
0.0	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222
0.5	828.000	828.086	827.846	827.501	827.069	827.309	827.683	827.290	827.088	826.646
1.0	828.432	828.643	828.163	827.597	827.395	827.011	826.973	826.560	826.454	826.166
1.5	828.182	827.818	828.029	827.501	827.530	826.992	827.357	825.888	825.792	825.763
2.0	828.336	828.077	827.760	827.789	827.491	827.290	827.155	826.560	825.696	825.360
2.5	828.096	827.933	828.154	828.307	828.653	827.846	828.029	826.608	825.408	824.410
3.0	827.395	826.771	827.635	828.163	828.538	827.952	827.971	826.522	825.101	824.160
3.5	826.147	825.322	825.878	826.598	828.096	827.587	827.722	826.694	825.456	824.784
4.0	823.786	823.210	824.256	825.091	826.829	826.810	827.338	826.128	825.254	825.091
4.5	821.126	821.472	822.442	824.371	825.648	826.550	826.781	825.744	824.899	825.341
5.0	819.475	820.781	822.278	823.363	825.888	826.147	826.445	825.187	825.168	825.514
5.5	818.755	819.917	821.837	822.365	824.640	825.859	825.283	824.294	825.005	824.534
6.0	819.379	819.235	820.042	820.886	823.430	824.707	823.718	823.363	823.949	822.749
6.5	819.763	819.168	820.022	819.782	822.595	822.682	821.818	822.499	822.854	821.184
7.0	820.291	818.890	819.110	819.610	821.770	821.078	820.685	821.117	821.933	819.984
7.5	821.069	819.331	819.197	819.590	820.675	820.330	819.475	819.878	820.829	819.350
8.0	820.128	819.053	818.966	819.254	820.464	819.610	818.822	819.062	820.003	818.371
8.5	818.611	817.315	818.074	819.552	820.608	819.600	817.747	818.477	818.755	816.874
9.0	816.182	815.568	816.893	819.226	820.416	820.531	817.939	817.997	817.766	816.106
9.5	814.147	812.256	815.136	816.125	819.898	820.051	817.478	816.912	816.106	815.482
10.0	813.226	809.933	812.621	813.398	817.776	818.803	816.614	815.923	813.994	814.550
10.5	811.776	808.282	810.576	810.960	814.800	816.758	815.837	815.021	811.344	813.581
11.0	809.299	806.688	808.848	809.155	812.371	813.408	815.299	813.350	809.712	811.776
11.5	807.552	806.246	806.784	807.821	810.557	809.021	814.090	811.738	808.128	809.971
12.0	805.603	804.979	806.342	807.226	808.157	804.787	812.285	809.146	807.034	808.387
12.5	805.162	802.800	805.507	805.670	807.130	801.456	810.058	807.014	806.093	805.958
13.0	804.010	801.677	804.192	805.315	805.853	799.958	807.610	804.931	804.499	803.875
13.5	802.454	799.555	802.752	803.942	802.627	798.317	805.699	803.309	802.502	802.042
14.0	799.651	796.464	800.630	801.523	799.469	797.520	804.000	801.648	801.168	799.709
14.5	796.589	793.411	798.144	800.832	795.725	796.685	802.253	800.141	800.122	797.520
15.0	794.563	790.762	795.024	799.402	792.672	794.774	800.256	798.624	799.162	795.178
15.5	794.208	791.376	792.355	798.106	789.082	792.816	797.155	797.309	798.365	792.739
16.0	795.955	791.357	790.963	796.186	786.413	791.011	794.218	796.282	796.349	790.474
16.5	794.899	790.426	788.573	794.218	783.965	788.323	791.347	794.314	793.152	788.880
17.0	792.653	787.632	787.219	791.712	783.715	785.491	790.080	791.731	789.571	787.478
17.5	787.574	783.024	784.954	789.648	783.389	782.064	788.678	788.870	786.317	786.086
18.0	782.390	777.773	781.517	787.440	782.448	777.984	787.546	786.298	783.082	784.541
18.5	778.656	775.325	778.205	784.781	781.258	775.622	786.413	784.656	780.845	782.755
19.0	777.082	773.453	773.280	782.112	778.934	774.749	783.542	783.917	779.558	781.286
19.5	777.264	773.664	771.898	778.282	776.448	773.923	780.125	781.670	778.531	779.405
20.0	777.082	774.067	771.322	774.739	773.549	772.666	777.475	779.261	776.813	777.053
20.5	775.709	774.624	772.618	771.965	771.014	772.445	774.000	776.093	774.432	773.472
21.0	772.982	774.394	774.115	769.680	767.942	771.552	770.237	772.790	771.658	769.891
21.5	771.034	773.568	774.086	769.267	765.312	769.622	767.069	770.246	769.546	766.445
22.0	770.381	771.523	772.310	768.730	763.018	768.403	764.333	767.002	766.464	763.536
22.5	768.893	769.834	767.664	768.173	759.936	765.283	761.203	764.419	763.622	761.328
23.0	767.626	765.830	763.891	766.445	758.352	760.618	758.266	761.693	759.514	758.861
23.5	764.285	761.818	761.520	764.016	755.443	756.682	756.499	758.746	756.202	756.307
24.0	760.166	756.326	758.429	759.322	753.053	753.120	755.549	755.386	752.093	753.274
24.5	754.541	751.267	753.878	755.664	750.029	750.125	753.101	752.333	748.838	750.403
25.0	750.010	746.592	747.869	750.355	749.491	747.504	749.606	749.587	745.411	748.224
25.5	746.074	743.002	742.061	746.400	747.888	745.152	746.006	747.312	742.579	745.411
26.0	742.704	740.122	737.213	741.965	745.776	742.310	741.466	745.286	739.363	742.877
26.5	739.670	738.883	733.766	736.934	742.349	738.576	738.048	742.973	736.608	739.622

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**CANDELA TABULATION - (Cont.)**

27.0	735.379	738.355	732.557	732.451	740.237	734.506	735.466	739.699	733.920	735.686
27.5	731.366	737.347	732.422	728.419	737.414	731.376	733.421	735.648	731.530	731.837
28.0	730.310	734.822	732.950	724.608	734.640	728.074	731.040	731.059	729.187	728.381
28.5	731.808	732.576	731.530	723.763	730.454	724.733	728.726	727.891	727.613	725.453
29.0	737.501	733.133	728.966	723.955	725.414	721.430	725.712	724.954	725.520	722.918
29.5	744.518	739.478	724.896	723.706	719.674	718.656	721.363	722.582	723.610	721.373
30.0	745.488	744.211	722.467	721.968	714.806	716.246	717.197	721.248	721.037	719.923
30.5	740.880	744.605	726.192	719.933	711.360	712.090	713.654	718.877	718.070	717.917
31.0	733.709	738.941	730.886	716.506	709.584	709.776	710.986	714.864	714.355	715.200
31.5	727.123	732.163	728.150	713.472	705.917	707.126	707.462	710.170	711.302	711.600
32.0	718.819	723.926	722.381	711.456	702.528	703.440	703.949	705.350	708.086	707.510
32.5	710.928	714.067	717.830	716.515	699.091	699.034	700.339	701.357	704.746	703.286
33.0	705.120	707.347	712.550	718.358	694.656	695.328	696.768	697.930	700.790	700.272
33.5	699.638	701.299	707.424	713.347	691.162	692.362	692.592	695.146	697.277	696.605
34.0	694.282	696.816	703.267	706.253	687.898	689.837	688.714	692.227	693.907	692.688
34.5	691.594	692.122	699.763	700.694	688.195	686.419	684.912	686.899	689.952	688.723
35.0	688.272	689.827	694.781	692.842	691.210	682.877	680.909	680.650	685.987	686.765
35.5	685.987	686.141	688.022	684.336	694.205	677.798	676.829	675.206	683.923	688.685
36.0	684.355	682.781	679.661	679.766	689.309	672.432	673.066	670.416	686.486	692.045
36.5	682.483	679.190	671.770	677.798	681.475	666.538	670.502	667.363	688.464	688.819
37.0	688.656	676.915	668.707	672.528	676.598	660.778	667.862	669.226	683.414	681.936
37.5	699.302	684.250	666.854	667.382	669.955	656.563	663.178	670.416	676.915	675.466
38.0	695.654	694.406	666.192	661.334	662.486	653.242	659.338	667.776	672.298	670.243
38.5	682.598	691.709	665.741	656.410	653.856	651.821	658.003	662.227	671.050	667.459
39.0	656.486	675.245	673.306	651.744	646.502	653.155	657.389	657.677	672.557	669.437
39.5	635.914	650.650	683.875	647.462	642.854	652.061	655.037	652.886	675.226	673.421
40.0	619.997	630.192	680.074	643.459	638.410	649.795	651.283	652.109	675.350	680.304
40.5	599.280	614.755	664.685	640.176	633.360	646.128	646.262	654.010	672.250	678.288
41.0	581.962	592.992	637.517	641.645	628.435	642.470	640.963	657.610	665.078	654.845
41.5	568.426	575.242	610.426	647.942	623.299	637.997	635.155	659.837	644.726	621.926
42.0	566.112	561.485	590.093	653.414	619.469	633.370	629.318	660.106	615.264	594.163
42.5	572.563	560.093	572.563	648.941	615.360	629.117	625.382	644.890	584.563	567.830
43.0	582.278	564.144	560.832	634.368	612.173	624.989	628.406	613.382	556.992	542.938
43.5	587.280	575.645	552.346	611.808	608.899	618.586	637.210	581.654	539.098	530.419
44.0	576.816	580.973	551.050	587.376	606.058	613.306	646.128	553.229	530.256	528.547
44.5	563.184	575.990	559.738	567.994	607.114	610.474	641.674	530.314	529.987	536.285
45.0	550.810	570.096	573.955	550.070	612.547	606.298	615.898	517.853	538.848	547.565
45.5	542.659	556.253	573.168	536.784	615.974	602.698	581.779	513.917	548.083	552.480
46.0	533.126	540.029	558.058	525.379	611.818	602.035	550.358	520.867	549.062	545.875
46.5	519.302	524.314	548.419	524.429	601.574	600.835	525.523	530.198	543.014	536.794
47.0	502.973	509.309	536.774	536.381	587.933	601.315	505.651	535.526	528.979	519.926
47.5	489.149	496.522	523.555	541.814	569.808	599.146	498.394	535.286	513.638	502.944
48.0	481.229	488.160	509.990	534.768	546.528	591.197	501.533	528.528	493.200	488.870
48.5	472.963	482.438	497.971	518.851	528.029	571.066	507.763	507.859	477.446	478.090
49.0	467.424	475.104	484.800	506.506	513.379	541.584	513.494	489.178	468.058	475.440
49.5	465.091	467.395	473.798	499.402	503.875	519.274	515.318	475.536	465.888	478.243
50.0	463.997	464.390	466.243	487.853	499.795	505.421	509.933	465.936	467.626	480.230
50.5	463.296	460.070	459.187	473.923	505.709	497.712	493.296	463.738	466.080	478.752
51.0	458.352	455.126	452.755	459.101	511.872	491.328	474.240	461.338	461.568	463.363
51.5	456.778	453.542	447.830	446.707	508.291	490.618	455.357	460.819	447.878	447.888
52.0	457.008	453.437	442.627	443.674	503.933	487.766	443.242	458.102	434.419	436.042
52.5	453.053	450.682	439.190	441.264	488.899	476.650	434.602	446.803	424.646	428.083
53.0	447.130	446.227	433.987	434.726	475.526	458.198	431.885	433.267	416.582	421.699
53.5	437.549	441.379	437.117	428.909	457.152	434.160	425.885	420.288	407.866	412.090
54.0	422.842	432.739	435.379	429.840	428.486	416.275	418.243	413.030	400.234	407.328
54.5	402.422	418.262	430.531	427.478	401.530	399.235	412.109	406.704	392.266	398.678

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**CANDELA TABULATION - (Cont.)**

55.0	377.789	397.027	417.562	421.680	379.219	387.744	407.328	398.035	387.763	388.320
55.5	358.291	373.853	407.155	419.962	365.453	386.976	398.938	392.323	382.973	381.917
56.0	350.736	358.234	394.896	415.152	354.048	384.845	390.557	386.746	371.568	369.581
56.5	344.573	348.422	369.485	407.971	351.014	375.754	386.938	377.386	354.960	352.858
57.0	350.275	340.618	352.205	402.240	351.696	362.544	388.838	370.301	346.080	341.050
57.5	345.955	347.328	336.365	401.453	349.296	347.299	386.726	352.301	340.512	332.304
58.0	329.059	346.234	325.075	398.256	341.002	331.027	374.957	337.181	334.829	331.248
58.5	315.571	331.094	328.224	382.282	340.579	317.030	363.619	327.802	329.107	334.790
59.0	312.173	319.613	338.525	358.464	332.179	308.880	348.614	320.630	332.467	340.416
59.5	314.803	314.054	321.494	338.458	322.704	303.984	322.973	313.402	334.243	325.997
60.0	303.734	301.229	303.907	321.360	312.269	295.824	298.714	314.592	313.267	304.272
60.5	285.408	293.981	293.616	304.531	307.267	284.371	285.062	322.368	287.261	281.866
61.0	281.088	284.266	288.499	301.402	294.979	278.371	273.082	305.453	267.792	268.272
61.5	273.245	271.392	289.699	283.642	281.693	274.829	270.883	274.666	260.093	261.293
62.0	270.941	271.987	281.952	266.544	264.240	275.568	272.774	258.893	255.878	257.789
62.5	266.352	263.770	270.912	249.254	243.936	269.990	274.070	248.064	256.214	247.459
63.0	248.208	257.318	263.971	240.307	234.355	252.038	257.549	238.598	245.558	238.061
63.5	232.637	242.890	262.406	237.734	231.869	239.030	234.211	237.830	231.437	225.830
64.0	215.606	224.890	251.866	230.304	242.256	234.941	215.453	230.189	219.696	219.744
64.5	214.272	215.981	241.258	220.963	232.224	232.896	202.502	224.458	202.666	206.227
65.0	213.206	210.010	224.093	216.154	213.053	230.400	199.450	213.936	189.456	187.430
65.5	200.832	209.213	206.918	209.203	204.509	220.742	191.434	198.845	182.957	179.971
66.0	188.189	198.211	203.952	202.070	199.286	199.046	187.219	185.453	175.085	177.686
66.5	182.016	186.778	212.285	186.019	194.122	179.366	170.083	181.450	181.104	189.667
67.0	174.547	172.819	194.064	171.466	175.008	161.683	168.221	178.944	171.110	167.299
67.5	172.099	170.880	187.267	159.379	168.058	161.587	156.720	179.357	156.893	162.240
68.0	171.773	168.154	168.509	161.760	155.136	163.507	146.083	161.712	153.600	153.187
68.5	163.440	165.754	162.518	156.134	159.542	147.974	143.194	146.909	145.190	141.293
69.0	146.122	148.560	162.970	145.190	147.648	135.245	146.765	140.198	132.605	131.539
69.5	126.595	138.259	150.134	135.446	133.642	123.504	132.778	132.326	127.565	125.635
70.0	126.538	128.602	127.152	130.493	117.792	113.683	129.504	117.053	126.163	117.322
70.5	117.715	123.235	116.448	124.550	122.064	105.763	116.832	120.778	119.030	115.622
71.0	111.408	117.974	111.427	123.379	106.301	104.784	108.518	109.114	111.859	109.382
71.5	109.450	110.342	107.933	105.494	100.080	97.536	103.075	103.699	106.810	103.018
72.0	106.310	100.771	99.494	99.130	89.405	99.571	97.786	95.078	103.392	100.570
72.5	87.936	89.971	99.590	92.285	83.155	83.942	90.000	94.368	93.629	96.605
73.0	77.827	79.690	84.941	84.739	86.006	73.181	80.573	81.302	87.456	83.549
73.5	72.000	76.070	72.298	80.602	71.290	73.709	73.699	79.478	83.299	81.600
74.0	68.198	69.850	68.352	75.418	67.296	64.301	68.160	71.462	76.570	71.664
74.5	62.650	66.192	62.371	58.224	61.747	58.838	63.936	72.998	75.264	67.238
75.0	55.517	58.877	68.064	51.446	56.150	53.424	59.885	65.539	58.550	60.624
75.5	48.336	51.379	60.019	49.872	50.554	48.010	55.824	58.973	51.850	53.885
76.0	41.146	43.882	51.437	44.976	44.957	42.595	51.773	52.435	45.187	47.136
76.5	33.965	36.374	42.864	40.032	39.360	37.171	47.722	45.898	38.515	40.387
77.0	24.240	28.877	34.301	35.078	33.677	37.997	40.272	39.350	31.853	33.648
77.5	25.219	26.448	25.718	30.134	32.102	37.152	33.936	35.770	27.821	30.240
78.0	20.256	19.786	23.789	24.758	29.827	33.437	31.603	25.190	25.286	18.259
78.5	11.731	14.602	18.250	23.530	23.587	26.909	23.318	24.115	16.992	14.275
79.0	9.149	12.941	17.222	19.411	20.630	25.450	19.363	15.312	13.584	11.683
79.5	8.467	9.043	11.078	13.709	17.942	17.242	16.637	11.635	10.368	10.013
80.0	7.978	8.266	8.256	11.491	15.072	14.035	11.050	9.514	9.466	9.658
80.5	7.824	7.728	7.526	8.102	10.474	12.806	9.754	8.678	9.168	9.283
81.0	7.565	7.315	7.056	7.056	9.494	8.621	7.834	8.179	8.659	8.822
81.5	7.066	6.816	6.566	6.557	6.710	7.469	7.229	7.795	8.160	8.342
82.0	6.576	6.307	6.077	6.077	6.038	6.730	6.672	7.123	7.594	7.613
82.5	6.096	5.808	5.587	5.597	5.462	6.000	6.115	6.576	7.027	6.749

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

83.0	5.606	5.299	5.098	5.117	4.886	5.261	5.568	6.038	6.461	6.278
83.5	5.126	4.906	4.733	4.666	4.310	4.531	5.011	5.510	5.894	5.827
84.0	4.829	4.522	4.378	4.243	3.984	4.166	4.550	4.973	5.328	5.376
84.5	4.445	4.147	3.917	3.859	3.754	3.840	4.157	4.579	4.762	4.925
85.0	3.936	3.715	3.610	3.494	3.504	3.552	3.811	4.186	4.291	4.339
85.5	3.466	3.331	3.312	3.178	3.245	3.283	3.514	3.744	3.850	3.888
86.0	3.043	2.966	2.976	2.909	3.005	3.043	3.235	3.398	3.542	3.542
86.5	2.784	2.707	2.717	2.688	2.765	2.813	2.995	3.168	3.283	3.322
87.0	2.554	2.525	2.525	2.477	2.544	2.611	2.784	2.986	3.101	3.120
87.5	2.352	2.342	2.362	2.304	2.362	2.429	2.611	2.813	2.966	3.014
88.0	2.198	2.160	2.160	2.179	2.170	2.275	2.448	2.630	2.746	2.870
88.5	2.064	2.006	2.016	2.006	2.006	2.102	2.285	2.467	2.544	2.621
89.0	1.862	1.814	1.843	1.862	1.862	1.958	2.160	2.294	2.333	2.400
89.5	1.651	1.603	1.718	1.718	1.728	1.814	2.035	2.102	2.150	2.160
90.0	1.450	1.440	1.517	1.584	1.603	1.690	1.872	1.930	1.949	1.958
90.5	1.277	1.296	1.363	1.469	1.469	1.574	1.699	1.766	1.766	1.786
91.0	1.142	1.152	1.238	1.296	1.354	1.450	1.546	1.613	1.613	1.632
91.5	1.008	1.037	1.114	1.162	1.248	1.325	1.411	1.459	1.459	1.478
92.0	0.902	0.922	0.989	1.046	1.133	1.219	1.277	1.315	1.315	1.334
92.5	0.806	0.826	0.883	0.950	1.037	1.104	1.162	1.190	1.181	1.190
93.0	0.720	0.739	0.797	0.864	0.941	0.998	1.046	1.056	1.046	1.046
93.5	0.634	0.662	0.720	0.787	0.854	0.902	0.931	0.941	0.931	0.931
94.0	0.576	0.595	0.643	0.710	0.768	0.816	0.835	0.835	0.826	0.826
94.5	0.518	0.538	0.586	0.643	0.691	0.730	0.749	0.739	0.730	0.730
95.0	0.470	0.480	0.528	0.576	0.624	0.653	0.672	0.662	0.643	0.653
95.5	0.422	0.442	0.480	0.518	0.557	0.586	0.595	0.595	0.576	0.586
96.0	0.394	0.403	0.432	0.470	0.509	0.528	0.538	0.538	0.528	0.538
96.5	0.365	0.365	0.394	0.422	0.461	0.480	0.490	0.480	0.480	0.499
97.0	0.336	0.336	0.355	0.384	0.413	0.432	0.442	0.442	0.442	0.461
97.5	0.307	0.307	0.326	0.355	0.374	0.394	0.403	0.413	0.413	0.432
98.0	0.288	0.288	0.298	0.317	0.336	0.355	0.365	0.384	0.394	0.413
98.5	0.259	0.259	0.269	0.288	0.307	0.326	0.336	0.355	0.365	0.384
99.0	0.230	0.230	0.240	0.259	0.269	0.288	0.307	0.326	0.346	0.365
99.5	0.202	0.202	0.202	0.221	0.240	0.259	0.278	0.298	0.326	0.336
100.0	0.173	0.163	0.173	0.192	0.211	0.230	0.259	0.278	0.298	0.317
100.5	0.134	0.134	0.144	0.163	0.182	0.211	0.230	0.250	0.269	0.288
101.0	0.106	0.106	0.115	0.134	0.163	0.182	0.202	0.221	0.240	0.259
101.5	0.067	0.086	0.096	0.115	0.134	0.154	0.173	0.192	0.211	0.230
102.0	0.067	0.067	0.077	0.096	0.115	0.134	0.144	0.163	0.182	0.202
102.5	0.067	0.067	0.067	0.086	0.096	0.106	0.115	0.134	0.154	0.163
103.0	0.067	0.067	0.067	0.077	0.086	0.096	0.096	0.106	0.115	0.125
103.5	0.067	0.067	0.067	0.067	0.077	0.077	0.086	0.086	0.077	0.086
104.0	0.067	0.067	0.067	0.077	0.067	0.077	0.077	0.077	0.077	0.077
104.5	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.067	0.077	0.067
105.0	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
105.5	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077	0.077
106.0	0.086	0.077	0.077	0.086	0.086	0.086	0.077	0.077	0.086	0.077
106.5	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086
107.0	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086
107.5	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086
108.0	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.086	0.086
108.5	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096
109.0	0.096	0.096	0.096	0.096	0.096	0.106	0.096	0.096	0.096	0.096
109.5	0.106	0.096	0.106	0.106	0.106	0.106	0.096	0.096	0.106	0.096
110.0	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106
110.5	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

111.0	0.115	0.106	0.115	0.115	0.115	0.115	0.115	0.106	0.106	0.106
111.5	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
112.0	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115
112.5	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
113.0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125
113.5	0.134	0.125	0.125	0.125	0.125	0.134	0.134	0.125	0.125	0.125
114.0	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
114.5	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
115.0	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144
115.5	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144
116.0	0.154	0.154	0.144	0.154	0.144	0.154	0.144	0.144	0.144	0.144
116.5	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154
117.0	0.163	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154
117.5	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163
118.0	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163
118.5	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173
119.0	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173
119.5	0.182	0.182	0.173	0.173	0.173	0.173	0.173	0.173	0.182	0.182
120.0	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182
120.5	0.192	0.192	0.182	0.182	0.182	0.182	0.182	0.182	0.192	0.192
121.0	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.192
121.5	0.202	0.202	0.192	0.192	0.192	0.192	0.192	0.202	0.192	0.202
122.0	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202
122.5	0.211	0.211	0.202	0.202	0.202	0.202	0.202	0.211	0.202	0.211
123.0	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.211
123.5	0.221	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.221	0.221
124.0	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221
124.5	0.230	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.230	0.230
125.0	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
125.5	0.240	0.240	0.240	0.230	0.230	0.230	0.230	0.230	0.240	0.240
126.0	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240
126.5	0.250	0.250	0.250	0.240	0.250	0.250	0.250	0.250	0.250	0.250
127.0	0.259	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
127.5	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259
128.0	0.269	0.269	0.269	0.259	0.259	0.259	0.259	0.269	0.269	0.259
128.5	0.278	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269
129.0	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278
129.5	0.288	0.288	0.278	0.278	0.278	0.278	0.278	0.288	0.278	0.278
130.0	0.298	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.288
130.5	0.298	0.298	0.298	0.298	0.298	0.298	0.298	0.298	0.298	0.298
131.0	0.307	0.307	0.298	0.298	0.298	0.298	0.307	0.307	0.307	0.307
131.5	0.317	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307
132.0	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317
132.5	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326
133.0	0.336	0.336	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.336
133.5	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336
134.0	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346
134.5	0.355	0.355	0.346	0.346	0.355	0.346	0.346	0.355	0.346	0.346
135.0	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355
135.5	0.365	0.365	0.365	0.365	0.365	0.355	0.365	0.365	0.365	0.365
136.0	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365
136.5	0.374	0.374	0.374	0.374	0.374	0.365	0.374	0.374	0.374	0.374
137.0	0.374	0.374	0.374	0.374	0.374	0.374	0.374	0.374	0.374	0.374
137.5	0.384	0.384	0.384	0.384	0.384	0.374	0.384	0.384	0.384	0.384
138.0	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
138.5	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

139.0	0.403	0.394	0.403	0.403	0.403	0.403	0.394	0.394	0.403	0.403
139.5	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403
140.0	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
140.5	0.413	0.413	0.413	0.413	0.422	0.413	0.413	0.413	0.413	0.413
141.0	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422
141.5	0.422	0.422	0.422	0.432	0.432	0.432	0.422	0.422	0.422	0.422
142.0	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432
142.5	0.432	0.432	0.432	0.442	0.442	0.442	0.432	0.432	0.432	0.432
143.0	0.432	0.432	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442
143.5	0.442	0.442	0.442	0.451	0.442	0.451	0.442	0.442	0.442	0.442
144.0	0.442	0.442	0.442	0.451	0.451	0.451	0.451	0.451	0.451	0.442
144.5	0.442	0.442	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451
145.0	0.451	0.451	0.451	0.461	0.451	0.451	0.461	0.451	0.451	0.451
145.5	0.451	0.451	0.451	0.461	0.461	0.461	0.461	0.461	0.451	0.451
146.0	0.451	0.451	0.451	0.461	0.461	0.461	0.461	0.461	0.461	0.451
146.5	0.451	0.451	0.451	0.461	0.461	0.461	0.461	0.461	0.461	0.461
147.0	0.451	0.461	0.461	0.470	0.470	0.461	0.470	0.470	0.461	0.461
147.5	0.461	0.461	0.461	0.470	0.470	0.461	0.470	0.470	0.470	0.461
148.0	0.461	0.461	0.461	0.470	0.470	0.470	0.470	0.470	0.470	0.470
148.5	0.461	0.461	0.461	0.470	0.480	0.470	0.470	0.470	0.470	0.470
149.0	0.461	0.461	0.470	0.480	0.480	0.470	0.480	0.480	0.470	0.470
149.5	0.461	0.470	0.470	0.480	0.499	0.480	0.480	0.480	0.480	0.470
150.0	0.470	0.470	0.470	0.480	0.528	0.480	0.480	0.480	0.480	0.480
150.5	0.470	0.470	0.470	0.480	0.518	0.480	0.490	0.480	0.480	0.480
151.0	0.470	0.470	0.470	0.480	0.499	0.490	0.490	0.480	0.480	0.480
151.5	0.470	0.470	0.480	0.480	0.490	0.509	0.490	0.490	0.490	0.480
152.0	0.470	0.470	0.480	0.480	0.490	0.509	0.499	0.490	0.490	0.480
152.5	0.480	0.470	0.480	0.480	0.490	0.499	0.499	0.490	0.490	0.490
153.0	0.480	0.480	0.480	0.480	0.490	0.499	0.509	0.499	0.490	0.490
153.5	0.480	0.480	0.480	0.480	0.490	0.499	0.509	0.499	0.499	0.490
154.0	0.480	0.480	0.480	0.480	0.490	0.499	0.509	0.538	0.499	0.490
154.5	0.480	0.480	0.490	0.490	0.499	0.499	0.509	0.653	0.509	0.499
155.0	0.490	0.480	0.490	0.490	0.499	0.499	0.509	0.912	0.518	0.499
155.5	0.490	0.490	0.490	0.490	0.499	0.509	0.509	0.970	0.538	0.509
156.0	0.490	0.490	0.490	0.499	0.499	0.509	0.509	0.826	0.557	0.509
156.5	0.499	0.490	0.499	0.499	0.499	0.509	0.509	0.643	0.576	0.509
157.0	0.499	0.499	0.499	0.499	0.509	0.509	0.518	0.557	0.576	0.518
157.5	0.499	0.499	0.499	0.509	0.509	0.518	0.518	0.528	0.557	0.518
158.0	0.499	0.499	0.509	0.509	0.509	0.518	0.518	0.528	0.538	0.518
158.5	0.509	0.509	0.509	0.509	0.509	0.518	0.518	0.528	0.528	0.518
159.0	0.509	0.509	0.509	0.509	0.518	0.518	0.518	0.528	0.528	0.518
159.5	0.509	0.509	0.509	0.509	0.518	0.528	0.528	0.528	0.528	0.518
160.0	0.509	0.509	0.509	0.518	0.518	0.528	0.528	0.528	0.528	0.518
160.5	0.509	0.509	0.509	0.518	0.518	0.528	0.528	0.528	0.518	0.518
161.0	0.509	0.509	0.518	0.518	0.518	0.528	0.528	0.528	0.518	0.518
161.5	0.518	0.518	0.518	0.518	0.518	0.528	0.528	0.528	0.518	0.518
162.0	0.518	0.518	0.518	0.518	0.528	0.528	0.528	0.528	0.528	0.518
162.5	0.518	0.518	0.518	0.528	0.528	0.528	0.528	0.528	0.528	0.518
163.0	0.518	0.518	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
163.5	0.528	0.528	0.528	0.528	0.538	0.538	0.538	0.538	0.528	0.528
164.0	0.528	0.528	0.528	0.538	0.538	0.538	0.538	0.538	0.528	0.528
164.5	0.538	0.538	0.538	0.538	0.547	0.547	0.547	0.538	0.538	0.538
165.0	0.538	0.538	0.547	0.547	0.547	0.547	0.547	0.547	0.547	0.538
165.5	0.547	0.547	0.547	0.557	0.557	0.557	0.557	0.557	0.547	0.547
166.0	0.557	0.557	0.557	0.566	0.566	0.566	0.557	0.557	0.557	0.557
166.5	0.557	0.557	0.557	0.566	0.566	0.566	0.566	0.566	0.557	0.557

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

167.0	0.557	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566	0.566
167.5	0.566	0.566	0.566	0.576	0.576	0.576	0.576	0.576	0.566	0.566
168.0	0.566	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
168.5	0.576	0.576	0.576	0.586	0.586	0.586	0.586	0.576	0.576	0.576
169.0	0.576	0.576	0.576	0.586	0.586	0.586	0.586	0.586	0.576	0.576
169.5	0.576	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.576
170.0	0.576	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.576
170.5	0.576	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.576
171.0	0.576	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.576
171.5	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.576
172.0	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586
172.5	0.586	0.586	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.586
173.0	0.595	0.595	0.595	0.605	0.605	0.595	0.595	0.595	0.595	0.595
173.5	0.605	0.605	0.605	0.614	0.614	0.605	0.605	0.605	0.605	0.605
174.0	0.614	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624
174.5	0.634	0.634	0.643	0.643	0.643	0.643	0.643	0.643	0.643	0.643
175.0	0.653	0.653	0.653	0.662	0.662	0.662	0.653	0.662	0.653	0.653
175.5	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662
176.0	0.662	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672
176.5	0.672	0.672	0.672	0.682	0.682	0.682	0.682	0.682	0.672	0.672
177.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682
177.5	0.682	0.682	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.682
178.0	0.691	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691
178.5	0.691	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691
179.0	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691
179.5	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.682	0.691	0.682
180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682

**Vert. Angles**      **Horizontal 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	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222
0.5	826.608	826.387	826.013	826.042	825.744	825.523	825.667	825.610	825.629	825.821
1.0	826.224	825.533	824.755	824.611	824.525	824.342	824.525	824.371	824.246	824.669
1.5	824.986	824.794	824.554	824.064	823.584	823.133	823.843	823.776	823.286	823.853
2.0	824.976	824.256	823.814	823.987	824.496	824.218	824.544	824.573	823.949	824.189
2.5	824.246	823.939	824.150	824.966	825.754	826.301	826.474	826.790	825.907	825.898
3.0	824.246	823.872	824.486	825.418	826.474	827.904	829.133	829.267	828.566	828.288
3.5	824.842	824.112	824.362	825.168	826.944	828.912	830.189	830.650	830.064	830.198
4.0	824.861	824.400	824.678	825.024	827.155	828.864	830.160	830.390	830.189	830.486
4.5	824.726	824.179	824.390	825.398	827.606	827.712	828.355	828.653	828.730	829.123
5.0	824.534	823.133	824.198	825.869	826.877	826.589	826.138	825.917	826.512	827.078
5.5	823.661	822.278	824.314	825.734	825.946	824.746	823.325	822.586	823.699	824.774
6.0	822.317	821.981	824.765	826.090	824.918	822.922	821.328	820.330	821.098	822.874
6.5	820.128	822.144	824.966	825.994	823.680	820.522	820.234	819.005	819.734	821.635
7.0	819.638	821.645	823.334	824.765	822.691	819.293	818.938	817.334	818.054	820.714
7.5	818.621	820.656	822.835	823.181	821.069	818.563	818.179	817.171	817.546	819.725
8.0	817.891	819.120	822.010	821.462	820.195	818.640	818.198	816.480	816.326	818.016
8.5	817.027	818.170	819.744	819.811	818.093	818.650	818.131	815.606	815.280	816.576
9.0	815.539	817.469	818.342	818.890	816.970	818.026	817.709	814.262	813.360	815.434
9.5	814.829	816.432	816.883	818.083	815.568	816.470	817.162	812.842	811.027	814.080
10.0	814.032	814.560	816.077	817.085	814.810	814.579	813.830	812.074	809.597	813.533
10.5	813.331	811.978	814.493	816.067	813.245	811.517	811.834	811.066	808.829	812.035
11.0	812.189	810.067	813.811	813.888	811.910	808.954	809.914	810.470	809.520	811.133
11.5	810.778	809.261	812.352	811.632	809.472	806.630	808.234	810.106	810.077	811.411
12.0	809.098	808.829	811.142	808.531	807.187	805.901	807.475	809.126	810.461	811.536

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

12.5	807.782	807.917	808.512	805.517	806.851	804.883	806.707	808.147	809.386	811.402
13.0	806.256	807.245	806.150	803.885	805.152	804.912	805.171	806.736	807.514	809.002
13.5	805.181	806.438	803.376	803.779	805.219	805.046	803.366	805.027	805.574	805.718
14.0	804.374	804.778	801.542	803.357	803.558	805.094	802.003	803.366	801.341	802.166
14.5	802.598	802.214	799.536	802.090	802.944	803.482	800.630	800.976	797.376	800.045
15.0	799.949	799.670	797.366	801.293	800.736	801.725	799.949	800.467	795.293	799.027
15.5	797.366	796.502	795.581	798.989	798.422	798.010	799.238	799.872	794.909	797.990
16.0	794.784	793.757	793.795	796.272	795.802	795.005	798.874	800.371	796.003	796.666
16.5	792.230	791.875	791.750	793.018	793.680	790.838	798.182	800.515	797.146	796.483
17.0	789.523	790.224	790.013	790.310	790.080	787.862	797.376	798.730	797.376	796.435
17.5	787.382	787.718	788.227	787.795	786.173	786.240	795.667	796.032	796.493	795.370
18.0	785.904	785.280	786.480	785.606	782.371	784.992	793.392	792.538	793.018	792.931
18.5	784.464	782.870	785.280	784.637	778.454	784.714	790.867	789.024	789.984	789.888
19.0	782.909	781.862	783.494	784.061	775.344	783.216	787.690	786.096	785.760	786.547
19.5	781.382	781.219	781.584	781.459	772.618	780.595	783.571	782.803	783.139	782.726
20.0	779.798	779.357	778.915	778.186	771.523	777.187	779.606	778.387	779.453	778.358
20.5	778.166	777.370	777.014	775.661	770.342	774.038	776.861	774.451	775.210	772.637
21.0	776.381	774.797	772.579	772.502	769.613	771.600	775.440	772.704	772.320	767.443
21.5	774.134	771.994	767.386	769.037	767.654	769.306	773.290	771.734	770.698	765.072
22.0	770.045	767.741	765.312	766.541	766.090	768.432	771.773	772.022	770.573	763.066
22.5	765.802	763.037	763.642	763.536	764.170	768.086	768.902	771.504	771.370	763.248
23.0	761.587	758.486	761.155	760.186	762.067	765.734	766.550	771.322	771.590	762.701
23.5	758.218	755.136	758.237	757.296	759.734	763.766	764.966	769.709	769.709	763.152
24.0	754.877	751.507	755.645	754.166	757.517	760.195	762.691	767.117	766.003	762.701
24.5	751.930	747.158	754.013	750.643	755.712	756.720	760.819	764.198	761.136	761.165
25.0	750.922	744.336	752.160	747.926	754.061	752.813	757.402	760.051	757.334	757.670
25.5	750.307	740.880	749.827	744.931	750.768	749.299	753.706	755.962	753.821	753.408
26.0	748.954	738.547	746.842	744.048	747.667	745.258	749.626	752.448	749.856	748.896
26.5	745.978	735.715	743.942	743.491	742.810	741.427	745.824	747.955	745.824	743.914
27.0	743.050	733.267	740.582	741.802	737.789	739.613	741.994	743.251	739.949	740.102
27.5	739.978	730.387	737.088	739.248	731.482	737.002	737.894	738.096	734.208	734.582
28.0	736.512	728.170	733.229	736.339	726.710	732.931	735.149	734.765	730.042	729.552
28.5	732.538	727.123	729.706	732.326	724.550	729.024	732.893	731.338	728.294	725.280
29.0	728.611	725.357	727.613	727.286	723.197	725.770	729.946	730.406	726.634	724.003
29.5	725.242	722.150	723.629	721.498	721.718	722.381	726.307	728.698	723.946	721.430
30.0	721.757	719.386	719.741	716.371	718.656	718.464	723.101	725.136	719.635	719.453
30.5	718.205	715.565	714.710	711.571	714.778	714.979	719.731	719.280	714.749	716.544
31.0	714.883	712.205	710.227	707.126	709.574	711.446	716.688	714.202	710.813	713.261
31.5	709.968	708.250	705.149	703.651	703.402	707.424	712.493	708.528	706.915	710.822
32.0	705.629	703.786	700.934	700.570	699.955	704.016	708.960	703.603	702.970	708.758
32.5	702.163	699.888	698.640	697.987	696.653	700.646	703.123	698.707	699.840	706.243
33.0	699.005	696.960	694.752	697.296	693.850	697.795	697.152	694.714	697.162	701.722
33.5	696.269	693.552	692.045	695.136	690.758	695.011	691.603	690.605	692.678	696.307
34.0	692.515	689.626	688.579	691.776	685.718	689.866	687.418	685.824	687.398	690.864
34.5	686.736	685.430	685.613	686.717	680.275	683.962	684.365	680.390	682.906	685.680
35.0	681.898	681.062	681.782	681.533	674.947	678.893	681.274	676.435	679.066	681.936
35.5	680.506	675.840	676.771	676.368	670.838	673.363	675.955	673.171	675.437	678.317
36.0	682.397	670.886	672.221	672.902	668.304	669.341	671.357	670.589	668.861	674.669
36.5	683.328	666.816	668.285	668.102	665.808	665.683	667.987	666.269	662.717	669.379
37.0	679.306	666.029	663.235	664.234	662.035	660.864	665.654	661.603	656.755	662.851
37.5	673.958	669.034	660.230	658.416	657.302	655.267	661.133	657.370	653.597	658.022
38.0	668.246	669.850	657.370	653.779	650.870	650.362	654.461	654.058	651.235	653.549
38.5	664.867	666.307	654.816	647.933	644.266	646.051	647.664	650.899	654.490	648.509
39.0	663.590	661.776	653.424	643.133	639.110	643.776	641.366	654.528	665.261	648.413
39.5	662.986	657.034	653.078	638.976	635.059	640.646	634.790	666.365	671.635	655.450
40.0	667.142	654.787	652.195	632.602	631.939	635.376	634.157	668.899	662.554	662.141

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

40.5	672.739	651.840	650.189	628.675	628.022	629.808	643.181	652.310	635.760	658.464
41.0	672.950	651.533	644.352	625.133	622.070	623.645	654.682	618.845	603.869	634.378
41.5	653.520	653.290	636.442	622.042	616.723	617.030	653.443	591.187	585.629	606.710
42.0	620.371	652.877	628.694	618.144	611.818	613.507	628.387	585.734	586.320	587.318
42.5	590.006	646.061	621.898	614.198	606.864	615.898	598.339	581.174	583.190	580.656
43.0	564.317	632.256	617.635	610.627	599.770	623.078	577.498	572.947	572.765	574.992
43.5	542.352	604.128	616.608	606.720	595.162	625.334	565.939	558.960	563.213	567.629
44.0	530.630	577.200	619.094	602.131	589.354	614.765	559.517	556.166	558.298	559.661
44.5	526.541	553.488	621.725	599.251	583.814	591.322	551.952	556.781	553.546	556.627
45.0	531.878	532.416	617.280	595.402	578.246	563.376	544.646	551.040	541.939	552.509
45.5	542.717	519.926	605.117	590.016	573.792	546.893	538.982	540.211	532.915	541.594
46.0	548.976	518.554	582.701	584.342	573.226	539.558	534.979	531.965	524.736	531.955
46.5	543.398	523.642	556.752	577.738	577.795	534.854	527.789	524.045	526.262	528.682
47.0	531.130	528.806	530.054	572.851	578.765	529.334	521.510	517.498	522.816	533.549
47.5	518.294	530.966	506.794	570.480	573.590	521.117	513.821	513.178	512.938	525.024
48.0	501.245	529.066	495.014	573.581	557.213	512.602	506.064	507.734	498.816	512.870
48.5	485.789	519.072	493.670	569.376	540.346	503.827	498.413	496.435	486.672	497.434
49.0	474.173	499.258	494.534	558.691	523.315	498.029	492.874	489.398	485.232	483.206
49.5	467.654	479.501	495.504	538.176	510.403	490.205	483.859	486.576	483.158	478.867
50.0	470.986	464.218	495.005	513.446	501.619	481.046	475.219	476.074	479.357	475.219
50.5	471.158	456.298	491.146	492.835	497.741	470.429	470.794	463.133	469.315	473.318
51.0	467.645	453.245	480.115	478.195	490.358	459.658	459.168	460.531	457.354	469.296
51.5	452.746	448.675	464.736	469.997	481.776	456.394	451.997	455.030	452.467	465.370
52.0	436.282	446.544	446.419	467.885	475.459	449.482	451.622	446.832	451.536	457.037
52.5	420.960	447.427	436.176	469.786	470.477	443.078	446.179	446.016	453.235	449.030
53.0	411.667	439.642	429.994	465.840	465.955	435.043	437.962	454.752	457.210	451.834
53.5	407.549	421.334	422.266	449.827	461.357	427.334	429.965	451.334	450.029	459.014
54.0	400.800	407.347	416.851	431.530	453.389	422.294	437.424	441.053	432.010	446.698
54.5	396.787	401.126	409.987	418.550	442.675	419.366	438.672	421.642	422.160	437.347
55.0	392.486	397.824	408.634	402.970	421.690	415.987	428.390	417.168	413.606	425.693
55.5	384.922	391.814	399.514	391.459	409.978	412.867	419.837	408.835	393.379	412.291
56.0	377.558	385.344	386.611	375.235	390.259	409.930	401.126	383.597	373.267	395.050
56.5	363.754	374.314	376.339	364.022	369.763	409.104	390.307	366.115	358.080	375.053
57.0	346.070	365.846	368.726	360.902	354.278	410.371	374.506	351.389	351.101	362.285
57.5	336.528	360.288	363.917	358.301	347.424	398.246	359.914	342.672	336.451	350.170
58.0	327.571	346.042	362.026	344.496	349.114	388.608	344.285	335.501	335.482	337.565
58.5	320.314	334.608	358.474	330.413	350.256	380.074	325.171	339.811	336.058	337.363
59.0	322.685	322.877	351.773	320.832	348.058	362.381	316.080	326.909	319.670	337.613
59.5	332.659	313.430	346.790	311.299	342.470	339.475	327.821	315.610	300.816	319.046
60.0	320.630	304.915	330.086	300.403	336.394	330.509	310.349	309.062	304.166	308.765
60.5	298.858	309.005	306.192	293.453	318.240	317.549	298.022	298.013	311.395	303.869
61.0	280.800	309.062	289.325	284.525	308.179	313.978	294.826	300.336	301.363	303.782
61.5	266.726	296.390	277.440	280.368	298.138	314.285	286.138	292.013	291.504	302.458
62.0	255.187	275.107	265.680	275.232	282.509	302.822	284.784	284.006	278.026	285.840
62.5	252.192	260.525	257.078	269.520	265.056	285.590	277.018	273.533	277.651	276.931
63.0	243.936	244.627	258.614	266.006	247.536	257.722	272.486	269.491	270.720	271.574
63.5	230.054	243.677	255.965	266.237	235.229	243.917	267.859	258.653	253.440	262.790
64.0	218.669	233.242	239.846	256.042	227.194	238.320	255.763	249.398	246.864	248.323
64.5	210.720	224.813	216.797	250.003	219.034	234.557	245.136	231.600	230.083	233.626
65.0	200.054	214.109	205.968	237.802	215.520	232.733	237.859	217.277	217.872	218.650
65.5	185.635	202.838	199.363	220.906	211.853	229.027	225.754	200.515	200.390	210.115
66.0	175.469	190.013	192.528	214.339	209.146	212.573	209.011	196.147	198.134	196.742
66.5	175.334	176.822	185.434	208.560	199.315	193.056	195.379	195.542	196.483	190.733
67.0	182.544	174.902	174.566	184.483	195.005	181.594	194.045	185.597	185.568	193.478
67.5	169.094	167.693	168.499	164.534	186.365	173.750	185.894	182.746	188.285	184.003
68.0	158.832	169.085	158.266	158.112	181.469	162.163	182.592	176.160	183.101	181.123

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

68.5	150.864	166.733	149.750	159.302	171.408	153.130	170.026	169.574	170.352	170.419
69.0	134.544	155.779	148.550	148.963	154.848	155.203	165.917	154.954	157.603	159.725
69.5	129.610	139.114	144.288	139.478	141.917	142.733	156.346	148.080	144.864	149.030
70.0	122.429	119.453	140.170	132.912	130.022	137.866	149.904	138.173	132.115	138.326
70.5	113.606	111.360	133.171	122.381	122.064	133.066	139.440	122.918	119.683	127.747
71.0	112.886	115.824	119.232	116.496	112.627	127.603	126.288	115.690	124.003	122.304
71.5	103.085	102.038	103.152	110.966	117.792	119.770	117.235	118.109	116.515	122.064
72.0	106.685	94.723	94.992	104.486	101.712	105.581	120.624	112.330	115.987	112.829
72.5	98.938	96.336	98.064	94.522	95.462	103.382	96.230	101.290	104.371	105.830
73.0	94.282	93.802	83.357	81.350	89.693	98.179	91.430	86.266	86.083	92.870
73.5	77.040	87.456	83.011	71.347	82.704	90.960	82.550	79.123	77.760	86.803
74.0	76.282	79.584	75.149	68.275	78.730	75.821	71.866	76.483	74.371	77.770
74.5	69.590	70.685	76.128	67.680	67.507	68.554	67.882	73.286	70.426	74.045
75.0	63.322	72.211	64.013	63.091	61.315	62.957	68.045	62.237	65.270	69.533
75.5	57.082	62.294	60.106	57.398	55.277	57.408	61.805	56.045	52.214	53.942
76.0	50.851	63.466	56.227	51.667	49.248	51.850	55.546	50.141	44.534	53.290
76.5	44.611	56.074	52.358	45.936	43.210	46.291	49.286	44.237	47.693	46.666
77.0	38.371	48.288	48.480	40.205	37.181	40.733	43.037	38.342	38.909	41.606
77.5	37.162	40.493	40.906	36.797	38.189	32.534	36.778	29.741	29.722	31.277
78.0	23.002	32.707	32.726	32.477	32.285	29.107	29.098	26.650	25.776	28.531
78.5	18.509	24.912	31.104	30.854	26.083	25.459	24.230	20.112	21.830	25.190
79.0	15.379	18.230	26.832	25.181	21.494	22.800	19.958	15.706	17.885	21.850
79.5	11.875	14.352	19.853	20.458	19.565	19.843	14.957	12.672	13.930	18.499
80.0	9.715	11.923	14.995	17.818	17.453	16.512	13.776	11.098	9.984	15.158
80.5	9.187	10.234	12.835	14.198	14.102	11.568	10.896	9.456	9.187	11.818
81.0	8.746	9.158	8.909	11.222	11.770	9.542	8.938	8.765	8.640	8.573
81.5	8.246	8.515	8.323	9.226	9.600	8.179	7.910	8.323	8.285	7.997
82.0	7.699	7.949	7.536	7.286	7.517	7.229	7.498	7.680	7.738	7.507
82.5	6.941	7.248	6.998	6.576	6.739	6.624	6.902	6.960	7.162	6.816
83.0	6.403	6.672	6.365	5.952	6.058	6.029	6.307	6.394	6.470	6.173
83.5	5.875	6.106	5.731	5.318	5.366	5.434	5.712	5.846	5.837	5.635
84.0	5.347	5.539	5.088	4.694	4.675	4.848	5.126	5.299	5.395	5.155
84.5	4.810	4.973	4.454	4.291	4.291	4.397	4.531	4.752	5.011	4.723
85.0	4.310	4.589	4.109	3.965	3.974	4.080	4.147	4.272	4.502	4.282
85.5	3.907	3.926	3.744	3.686	3.667	3.754	3.811	3.859	4.042	3.898
86.0	3.542	3.514	3.437	3.418	3.418	3.475	3.514	3.542	3.648	3.571
86.5	3.302	3.226	3.168	3.168	3.197	3.206	3.274	3.293	3.350	3.302
87.0	3.091	3.005	2.947	2.938	2.938	2.966	3.053	3.053	3.110	3.043
87.5	2.918	2.813	2.765	2.736	2.726	2.774	2.861	2.861	2.918	2.832
88.0	2.726	2.688	2.621	2.563	2.554	2.621	2.707	2.707	2.794	2.678
88.5	2.554	2.506	2.467	2.400	2.390	2.467	2.534	2.496	2.659	2.496
89.0	2.400	2.362	2.342	2.256	2.246	2.323	2.371	2.304	2.410	2.304
89.5	2.198	2.208	2.256	2.131	2.102	2.179	2.189	2.112	2.170	2.122
90.0	1.987	2.026	2.093	2.006	1.978	2.054	2.026	1.930	1.949	1.910
90.5	1.805	1.853	1.930	1.891	1.853	1.891	1.862	1.747	1.738	1.728
91.0	1.651	1.690	1.795	1.786	1.738	1.728	1.690	1.584	1.565	1.555
91.5	1.507	1.546	1.661	1.661	1.613	1.574	1.526	1.440	1.421	1.411
92.0	1.354	1.421	1.536	1.546	1.488	1.440	1.382	1.296	1.296	1.277
92.5	1.219	1.296	1.411	1.430	1.373	1.315	1.258	1.171	1.162	1.162
93.0	1.085	1.171	1.286	1.306	1.258	1.200	1.133	1.056	1.046	1.046
93.5	0.970	1.056	1.181	1.200	1.152	1.094	1.018	0.941	0.941	0.941
94.0	0.864	0.960	1.075	1.094	1.056	0.989	0.912	0.845	0.835	0.835
94.5	0.768	0.874	0.979	0.989	0.960	0.902	0.826	0.758	0.739	0.758
95.0	0.691	0.787	0.883	0.902	0.874	0.816	0.739	0.672	0.672	0.682
95.5	0.624	0.720	0.797	0.816	0.797	0.749	0.672	0.595	0.595	0.614
96.0	0.566	0.653	0.730	0.749	0.720	0.682	0.614	0.538	0.547	0.557

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

96.5	0.528	0.595	0.662	0.682	0.662	0.624	0.557	0.499	0.499	0.509
97.0	0.490	0.557	0.605	0.614	0.595	0.566	0.518	0.461	0.461	0.461
97.5	0.451	0.509	0.547	0.566	0.547	0.518	0.480	0.432	0.432	0.422
98.0	0.422	0.470	0.499	0.518	0.499	0.480	0.442	0.403	0.403	0.403
98.5	0.394	0.432	0.461	0.470	0.461	0.442	0.403	0.374	0.384	0.374
99.0	0.365	0.394	0.422	0.432	0.422	0.403	0.374	0.346	0.365	0.365
99.5	0.346	0.365	0.384	0.384	0.384	0.365	0.336	0.317	0.346	0.336
100.0	0.317	0.336	0.346	0.346	0.346	0.326	0.307	0.288	0.326	0.317
100.5	0.288	0.298	0.307	0.317	0.307	0.288	0.269	0.259	0.307	0.298
101.0	0.259	0.269	0.278	0.278	0.269	0.250	0.240	0.240	0.278	0.269
101.5	0.230	0.240	0.240	0.240	0.230	0.221	0.211	0.211	0.259	0.250
102.0	0.202	0.202	0.211	0.211	0.202	0.192	0.182	0.182	0.230	0.221
102.5	0.173	0.173	0.182	0.182	0.173	0.163	0.154	0.154	0.211	0.202
103.0	0.134	0.144	0.154	0.154	0.144	0.134	0.125	0.125	0.182	0.173
103.5	0.106	0.125	0.134	0.134	0.125	0.115	0.106	0.096	0.144	0.154
104.0	0.086	0.106	0.115	0.115	0.106	0.096	0.096	0.077	0.125	0.134
104.5	0.077	0.086	0.096	0.096	0.096	0.086	0.077	0.077	0.125	0.125
105.0	0.077	0.077	0.086	0.086	0.086	0.086	0.077	0.077	0.134	0.134
105.5	0.077	0.077	0.086	0.077	0.077	0.077	0.077	0.077	0.134	0.134
106.0	0.077	0.077	0.077	0.077	0.086	0.077	0.077	0.077	0.144	0.134
106.5	0.077	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.144	0.144
107.0	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.144	0.144
107.5	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.086	0.154	0.154
108.0	0.086	0.086	0.096	0.096	0.096	0.086	0.086	0.096	0.154	0.154
108.5	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.163	0.163
109.0	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.096	0.163	0.163
109.5	0.096	0.096	0.106	0.106	0.106	0.096	0.096	0.096	0.173	0.173
110.0	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.173	0.173
110.5	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.106	0.173	0.173
111.0	0.106	0.106	0.106	0.115	0.106	0.106	0.106	0.106	0.182	0.182
111.5	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.182	0.182
112.0	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.192	0.192
112.5	0.115	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.192	0.192
113.0	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.192	0.192
113.5	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.125	0.202	0.202
114.0	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.202	0.202
114.5	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.211	0.211
115.0	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.134	0.211	0.211
115.5	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.221	0.221
116.0	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.144	0.221	0.221
116.5	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.221	0.221
117.0	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.230	0.230
117.5	0.163	0.163	0.163	0.163	0.163	0.154	0.154	0.163	0.230	0.230
118.0	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.240	0.240
118.5	0.173	0.163	0.173	0.163	0.163	0.163	0.163	0.163	0.240	0.240
119.0	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.250	0.250
119.5	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.173	0.250	0.250
120.0	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.259	0.259
120.5	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.259	0.259
121.0	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.269	0.269
121.5	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.192	0.269	0.269
122.0	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.278	0.278
122.5	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.278	0.278
123.0	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.288	0.288
123.5	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.211	0.288	0.288
124.0	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.298	0.298

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

124.5	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.221	0.307	0.307
125.0	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.307	0.307
125.5	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.240	0.317	0.317
126.0	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.326	0.326
126.5	0.240	0.240	0.240	0.240	0.240	0.240	0.250	0.250	0.336	0.336
127.0	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.346	0.346
127.5	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.346	0.346
128.0	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.269	0.355	0.355
128.5	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.365	0.365
129.0	0.278	0.278	0.269	0.269	0.269	0.278	0.278	0.278	0.374	0.374
129.5	0.278	0.278	0.278	0.278	0.278	0.278	0.288	0.278	0.384	0.384
130.0	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.394	0.394
130.5	0.298	0.298	0.298	0.298	0.288	0.298	0.298	0.298	0.403	0.403
131.0	0.298	0.298	0.298	0.298	0.298	0.298	0.307	0.298	0.403	0.403
131.5	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.413	0.413
132.0	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.422	0.422
132.5	0.326	0.317	0.317	0.317	0.317	0.326	0.326	0.326	0.432	0.432
133.0	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.442	0.442
133.5	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.451	0.451
134.0	0.346	0.336	0.336	0.336	0.346	0.346	0.346	0.346	0.461	0.461
134.5	0.346	0.346	0.346	0.346	0.346	0.346	0.355	0.355	0.470	0.470
135.0	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.490	0.490
135.5	0.365	0.355	0.355	0.355	0.355	0.365	0.365	0.365	0.490	0.490
136.0	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.509	0.499
136.5	0.374	0.365	0.365	0.365	0.374	0.374	0.374	0.374	0.509	0.509
137.0	0.374	0.374	0.374	0.374	0.374	0.374	0.374	0.374	0.518	0.518
137.5	0.384	0.384	0.384	0.384	0.374	0.384	0.384	0.384	0.528	0.528
138.0	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.538	0.538
138.5	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.547	0.547
139.0	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.403	0.557	0.557
139.5	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.566	0.566
140.0	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.576	0.576
140.5	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.586	0.586
141.0	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.586	0.586
141.5	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.595	0.595
142.0	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.605	0.605
142.5	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.614	0.614
143.0	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.624	0.624
143.5	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.624	0.624
144.0	0.442	0.442	0.442	0.451	0.442	0.451	0.451	0.451	0.634	0.634
144.5	0.442	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.643	0.643
145.0	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.643	0.643
145.5	0.451	0.461	0.451	0.451	0.451	0.451	0.451	0.451	0.653	0.653
146.0	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.662	0.662
146.5	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.662	0.662
147.0	0.461	0.470	0.461	0.461	0.461	0.461	0.461	0.461	0.672	0.672
147.5	0.470	0.470	0.461	0.461	0.461	0.461	0.461	0.461	0.672	0.682
148.0	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.461	0.682	0.682
148.5	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.682	0.682
149.0	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.691	0.691
149.5	0.470	0.480	0.480	0.470	0.480	0.470	0.470	0.470	0.691	0.691
150.0	0.480	0.480	0.480	0.480	0.480	0.480	0.470	0.470	0.691	0.701
150.5	0.480	0.480	0.490	0.480	0.480	0.480	0.480	0.470	0.701	0.701
151.0	0.480	0.480	0.490	0.480	0.480	0.480	0.480	0.480	0.701	0.701
151.5	0.480	0.490	0.499	0.490	0.480	0.490	0.480	0.480	0.710	0.710
152.0	0.490	0.490	0.499	0.490	0.480	0.490	0.490	0.480	0.710	0.720

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

152.5	0.490	0.490	0.518	0.499	0.480	0.490	0.490	0.480	0.720	0.730
153.0	0.490	0.490	0.605	0.499	0.490	0.490	0.490	0.490	0.720	0.730
153.5	0.499	0.499	0.874	0.509	0.490	0.490	0.490	0.490	0.720	0.730
154.0	0.499	0.499	1.123	0.518	0.490	0.490	0.490	0.490	0.720	0.720
154.5	0.528	0.509	0.950	0.518	0.499	0.490	0.490	0.490	0.720	0.720
155.0	0.614	0.538	0.682	0.528	0.499	0.499	0.490	0.490	0.720	0.720
155.5	0.730	0.672	0.547	0.662	0.509	0.499	0.499	0.490	0.720	0.730
156.0	0.835	0.701	0.518	0.941	0.509	0.509	0.499	0.499	0.720	0.730
156.5	0.710	0.624	0.518	0.816	0.518	0.509	0.499	0.499	0.720	0.730
157.0	0.586	0.557	0.518	0.614	0.518	0.509	0.509	0.499	0.720	0.730
157.5	0.538	0.538	0.518	0.538	0.518	0.518	0.509	0.509	0.730	0.730
158.0	0.528	0.528	0.528	0.528	0.518	0.518	0.509	0.509	0.730	0.730
158.5	0.518	0.528	0.528	0.528	0.518	0.518	0.518	0.509	0.730	0.739
159.0	0.518	0.528	0.538	0.528	0.528	0.518	0.518	0.509	0.739	0.739
159.5	0.518	0.528	0.538	0.528	0.528	0.528	0.518	0.518	0.739	0.739
160.0	0.518	0.528	0.538	0.538	0.528	0.528	0.518	0.518	0.739	0.739
160.5	0.518	0.528	0.538	0.538	0.528	0.528	0.518	0.518	0.739	0.739
161.0	0.518	0.528	0.538	0.528	0.528	0.528	0.518	0.528	0.739	0.749
161.5	0.518	0.528	0.538	0.538	0.528	0.528	0.518	0.528	0.739	0.749
162.0	0.518	0.528	0.538	0.538	0.528	0.528	0.528	0.528	0.739	0.749
162.5	0.518	0.538	0.538	0.538	0.547	0.528	0.528	0.528	0.739	0.749
163.0	0.518	0.538	0.538	0.538	0.566	0.528	0.538	0.528	0.739	0.749
163.5	0.528	0.538	0.538	0.538	0.557	0.538	0.538	0.538	0.739	0.739
164.0	0.528	0.538	0.538	0.547	0.547	0.557	0.538	0.538	0.739	0.739
164.5	0.538	0.538	0.547	0.547	0.547	0.643	0.547	0.547	0.739	0.739
165.0	0.538	0.547	0.557	0.557	0.557	0.586	0.614	0.557	0.739	0.739
165.5	0.547	0.557	0.557	0.566	0.566	0.566	0.835	0.566	0.739	0.739
166.0	0.557	0.557	0.566	0.566	0.566	0.576	0.931	0.566	0.739	0.739
166.5	0.557	0.557	0.566	0.566	0.576	0.576	0.720	0.566	0.739	0.739
167.0	0.566	0.566	0.566	0.576	0.576	0.586	0.605	0.566	0.739	0.739
167.5	0.566	0.566	0.576	0.576	0.586	0.586	0.595	0.576	0.739	0.739
168.0	0.576	0.576	0.576	0.576	0.586	0.586	0.595	0.586	0.739	0.739
168.5	0.576	0.576	0.586	0.586	0.586	0.595	0.595	0.586	0.739	0.739
169.0	0.576	0.576	0.586	0.586	0.586	0.595	0.595	0.586	0.739	0.739
169.5	0.576	0.586	0.586	0.586	0.586	0.595	0.595	0.586	0.739	0.739
170.0	0.576	0.586	0.586	0.586	0.586	0.595	0.595	0.586	0.730	0.739
170.5	0.576	0.586	0.586	0.586	0.586	0.595	0.586	0.586	0.730	0.730
171.0	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.730	0.730
171.5	0.576	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.730	0.730
172.0	0.586	0.586	0.586	0.586	0.586	0.595	0.595	0.595	0.730	0.730
172.5	0.586	0.586	0.595	0.595	0.595	0.595	0.595	0.595	0.730	0.739
173.0	0.595	0.595	0.595	0.595	0.605	0.605	0.605	0.595	0.730	0.730
173.5	0.605	0.605	0.605	0.614	0.614	0.614	0.614	0.605	0.730	0.730
174.0	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.730	0.730
174.5	0.634	0.643	0.643	0.643	0.643	0.643	0.643	0.643	0.730	0.739
175.0	0.653	0.653	0.653	0.662	0.662	0.662	0.662	0.653	0.730	0.730
175.5	0.662	0.662	0.662	0.672	0.672	0.672	0.672	0.662	0.730	0.730
176.0	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.720	0.730
176.5	0.682	0.672	0.682	0.682	0.682	0.682	0.682	0.682	0.720	0.720
177.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.720	0.720
177.5	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.710	0.710
178.0	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.701	0.710
178.5	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.701	0.701
179.0	0.682	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.701
179.5	0.682	0.691	0.691	0.691	0.691	0.691	0.682	0.682	0.691	0.691
180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

<b>Vert. Angles</b>	<b>Horizontal Angles</b>									
	<b>200</b>	<b>210</b>	<b>220</b>	<b>230</b>	<b>240</b>	<b>250</b>	<b>260</b>	<b>270</b>	<b>280</b>	<b>290</b>
<b>0.0</b>	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222	827.222
<b>0.5</b>	826.099	826.243	826.502	826.829	827.366	827.222	827.482	827.818	828.307	828.259
<b>1.0</b>	825.245	825.293	825.523	825.658	825.974	826.550	827.155	827.626	828.816	828.250
<b>1.5</b>	824.016	824.112	824.371	824.957	825.341	826.128	826.858	827.616	828.634	828.730
<b>2.0</b>	824.390	824.467	824.362	823.978	824.899	825.850	827.030	827.808	829.440	829.699
<b>2.5</b>	825.590	824.746	824.208	824.323	824.573	825.293	826.886	828.077	829.699	830.746
<b>3.0</b>	827.798	826.570	825.370	824.890	825.245	825.197	826.138	827.453	829.862	830.794
<b>3.5</b>	829.622	827.712	826.474	825.398	825.552	825.542	826.070	827.251	829.421	830.410
<b>4.0</b>	830.381	828.787	827.251	825.437	824.861	825.379	825.984	827.194	829.526	829.747
<b>4.5</b>	829.901	828.614	827.155	824.976	823.488	824.803	826.013	826.627	828.528	829.238
<b>5.0</b>	828.077	827.818	826.195	823.978	822.605	823.267	824.726	825.840	827.453	828.038
<b>5.5</b>	826.560	825.850	825.024	823.018	821.443	822.058	823.133	824.131	825.533	826.099
<b>6.0</b>	824.736	824.246	823.766	822.662	821.261	820.320	822.125	822.979	824.726	825.312
<b>6.5</b>	823.046	822.211	822.672	822.278	820.973	819.619	821.693	822.096	824.938	825.149
<b>7.0</b>	821.597	820.349	821.626	821.904	821.462	818.765	821.251	821.011	824.698	825.360
<b>7.5</b>	819.706	818.083	819.331	821.702	821.510	818.918	820.973	820.560	824.294	825.082
<b>8.0</b>	818.506	817.114	817.901	821.117	820.810	818.438	820.262	820.013	823.824	823.814
<b>8.5</b>	816.989	816.240	816.835	820.243	819.542	818.477	819.658	818.765	823.152	822.163
<b>9.0</b>	815.808	815.510	816.403	819.667	817.757	817.862	818.870	817.181	822.547	819.571
<b>9.5</b>	815.501	815.674	816.067	818.054	816.902	816.912	818.083	815.616	820.915	815.760
<b>10.0</b>	815.002	816.240	817.219	816.499	816.144	815.942	816.922	814.186	818.803	812.237
<b>10.5</b>	814.877	816.355	818.016	815.731	815.837	815.376	815.942	812.717	816.902	809.414
<b>11.0</b>	813.053	815.194	817.949	814.397	815.568	814.944	814.714	811.738	815.827	807.686
<b>11.5</b>	811.066	813.130	816.422	813.053	815.126	814.070	813.149	810.365	814.397	806.525
<b>12.0</b>	809.184	810.163	813.917	811.296	813.542	813.379	811.238	809.395	812.755	805.094
<b>12.5</b>	807.898	808.378	810.989	809.386	811.766	811.171	809.050	807.581	811.843	804.634
<b>13.0</b>	806.054	807.235	809.117	806.630	808.675	808.512	807.216	805.824	811.334	804.845
<b>13.5</b>	804.998	806.448	807.408	804.960	805.152	806.890	805.354	803.693	810.182	804.854
<b>14.0</b>	803.424	805.622	805.786	803.923	801.187	805.181	803.002	801.581	808.061	803.165
<b>14.5</b>	801.984	804.490	803.827	802.598	798.518	804.038	800.218	799.594	805.632	801.437
<b>15.0</b>	799.594	802.685	802.925	800.880	797.021	802.829	798.384	798.019	802.886	799.776
<b>15.5</b>	797.030	799.872	800.938	798.422	795.523	800.669	797.242	796.032	799.709	797.462
<b>16.0</b>	795.658	797.366	799.651	796.810	794.323	799.114	796.070	794.438	796.454	796.042
<b>16.5</b>	794.208	794.026	798.672	794.083	792.480	797.606	794.525	793.334	793.238	793.334
<b>17.0</b>	792.586	792.048	797.194	792.336	790.195	795.293	793.133	792.394	790.454	791.069
<b>17.5</b>	791.770	789.034	794.861	791.146	788.717	793.555	792.221	791.328	787.680	789.149
<b>18.0</b>	790.080	786.710	793.258	789.706	788.592	792.096	790.301	790.090	784.867	786.634
<b>18.5</b>	788.074	785.165	791.587	788.026	787.853	790.138	787.824	788.765	783.600	784.493
<b>19.0</b>	786.134	782.659	787.651	785.251	787.402	787.536	785.645	787.718	782.861	782.314
<b>19.5</b>	784.195	781.018	784.800	782.938	786.528	784.368	783.485	786.288	782.832	780.547
<b>20.0</b>	781.296	778.416	780.960	780.307	783.638	781.930	781.056	783.715	781.411	779.232
<b>20.5</b>	778.598	777.283	777.254	776.429	780.778	780.067	776.909	780.134	779.424	778.627
<b>21.0</b>	776.688	774.826	774.374	773.443	778.253	777.830	773.050	776.093	776.621	778.598
<b>21.5</b>	774.470	772.589	771.994	769.536	775.709	774.384	770.477	771.571	772.982	777.408
<b>22.0</b>	770.842	770.525	769.152	766.042	773.395	770.640	768.269	768.010	770.534	774.931
<b>22.5</b>	766.925	767.712	764.957	763.229	771.178	767.434	765.658	765.168	768.038	771.629
<b>23.0</b>	762.374	766.291	761.386	761.328	768.710	764.525	763.786	763.930	765.245	767.059
<b>23.5</b>	758.486	763.469	758.957	758.602	764.506	761.750	761.462	762.336	762.778	762.787
<b>24.0</b>	755.664	762.038	757.094	757.325	760.234	759.648	759.888	760.733	760.483	759.677
<b>24.5</b>	754.848	759.667	755.117	755.683	755.366	757.056	757.325	759.811	757.555	756.077
<b>25.0</b>	754.243	758.141	753.312	754.070	752.112	753.341	753.830	756.614	755.875	752.275
<b>25.5</b>	752.602	755.616	750.586	751.200	748.694	750.730	751.277	753.533	753.725	750.221
<b>26.0</b>	750.134	752.880	748.378	747.322	745.517	747.859	748.560	751.018	751.142	746.477

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

26.5	746.448	749.779	745.277	743.482	743.261	744.854	745.190	747.850	747.379	742.406
27.0	743.059	744.653	743.482	740.294	742.157	742.723	742.262	745.190	744.326	738.682
27.5	739.114	740.429	740.410	737.386	738.998	739.661	740.966	743.270	741.523	736.042
28.0	735.542	736.397	737.606	733.824	736.646	736.752	739.075	742.022	738.240	733.843
28.5	732.778	731.549	733.814	731.347	734.400	734.074	737.530	739.834	735.466	730.406
29.0	729.811	727.402	729.082	728.131	731.021	732.758	734.966	736.723	731.136	727.363
29.5	727.373	723.398	723.418	724.320	728.160	730.454	731.088	733.075	726.720	723.744
30.0	725.146	719.798	719.846	719.846	724.781	726.317	726.787	729.101	722.342	721.478
30.5	722.342	717.264	715.978	715.238	721.642	721.709	721.699	724.714	719.462	719.366
31.0	719.597	713.952	713.654	712.512	718.685	716.419	716.371	721.104	715.853	715.488
31.5	716.237	711.629	711.130	709.766	714.806	712.061	711.427	718.541	714.307	711.322
32.0	711.523	711.110	708.653	706.877	711.533	708.326	706.992	716.246	711.331	706.790
32.5	706.061	708.566	704.755	704.947	709.517	706.339	703.344	712.848	707.414	702.326
33.0	700.176	705.677	700.570	703.018	705.677	702.605	699.936	709.891	704.093	697.459
33.5	694.694	701.472	696.000	700.387	701.366	699.571	696.470	706.070	700.195	693.110
34.0	687.994	696.048	692.659	697.104	696.854	696.509	694.070	704.006	697.094	690.547
34.5	682.858	690.797	689.712	694.474	693.350	692.611	693.571	703.277	695.078	687.043
35.0	679.824	685.603	684.979	691.238	688.627	688.618	695.107	703.651	695.021	685.363
35.5	677.779	681.533	680.400	687.514	684.317	684.586	695.395	703.334	694.272	684.298
36.0	675.898	678.586	675.523	683.050	679.747	684.240	693.389	700.330	691.248	684.317
36.5	670.848	674.419	670.906	679.056	675.744	683.846	691.344	697.920	687.130	683.645
37.0	665.280	669.005	664.781	673.872	673.238	681.456	689.606	695.904	684.557	681.514
37.5	660.077	663.552	661.555	669.014	669.984	679.181	689.386	695.376	684.096	677.933
38.0	654.806	657.494	657.648	664.013	666.202	674.755	692.861	697.267	686.909	675.782
38.5	650.582	652.963	654.010	657.149	664.243	673.056	699.350	702.413	692.928	671.472
39.0	646.454	647.971	648.787	650.755	661.411	672.720	702.835	695.318	697.613	671.539
39.5	642.499	643.882	643.574	644.467	657.744	674.765	691.978	673.882	691.930	675.898
40.0	638.419	637.344	637.670	638.448	656.429	678.461	667.344	643.498	669.792	679.824
40.5	638.717	630.480	632.803	635.472	652.013	676.598	633.859	610.291	638.198	684.077
41.0	645.110	624.518	628.253	633.562	652.502	661.440	601.526	578.966	606.605	678.826
41.5	647.194	621.226	622.579	632.218	656.515	632.506	575.107	560.400	576.202	654.211
42.0	638.611	618.384	616.368	631.930	661.018	601.642	558.989	554.256	558.470	618.480
42.5	617.040	613.651	610.330	627.226	661.286	577.277	556.138	556.224	552.797	583.574
43.0	590.774	614.333	604.627	621.226	650.861	558.000	559.306	570.413	555.523	557.030
43.5	576.778	622.234	599.798	616.205	628.589	545.760	572.899	588.134	566.995	543.245
44.0	567.101	625.066	594.845	613.901	599.069	544.032	590.390	598.694	582.682	538.906
44.5	555.965	612.922	587.328	614.246	568.560	547.661	598.022	592.560	594.538	542.390
45.0	548.486	589.402	583.747	615.802	544.042	565.046	585.888	574.330	589.584	555.994
45.5	546.710	565.190	581.760	617.875	528.941	581.174	567.552	549.917	570.979	571.670
46.0	546.653	550.589	580.147	617.482	524.227	579.466	545.923	529.450	547.306	577.046
46.5	540.365	542.160	579.600	607.776	526.176	565.747	524.141	513.619	522.432	569.779
47.0	528.605	533.683	581.635	587.798	534.557	549.322	506.237	498.749	501.994	551.338
47.5	521.904	530.486	584.534	560.006	548.083	526.426	494.813	494.880	489.917	529.210
48.0	515.856	529.296	581.722	529.661	554.285	505.718	491.290	493.574	482.045	511.680
48.5	511.651	522.221	572.707	505.853	551.606	488.006	490.147	495.744	483.264	497.856
49.0	507.427	511.517	556.598	488.477	534.144	477.773	494.054	494.189	486.950	489.130
49.5	496.042	496.464	539.482	483.350	513.850	472.627	489.696	486.557	486.874	484.819
50.0	483.005	487.094	531.360	485.290	488.438	469.670	479.894	476.525	478.378	482.275
50.5	477.725	481.469	528.845	492.442	469.517	471.552	465.610	465.802	467.885	480.730
51.0	474.182	477.514	525.830	502.128	455.069	468.586	452.573	455.501	456.115	475.046
51.5	462.461	472.982	516.019	508.243	446.582	461.846	442.166	450.182	446.208	467.050
52.0	448.493	464.323	493.853	507.475	442.099	450.202	436.762	440.554	436.982	456.624
52.5	442.397	451.565	464.966	495.926	439.469	443.482	431.702	438.163	435.014	448.925
53.0	443.098	443.078	437.760	475.622	436.339	436.867	430.675	436.810	434.851	437.962
53.5	440.294	438.346	413.520	453.994	429.859	427.037	425.261	429.437	426.624	426.758
54.0	434.323	432.931	399.293	430.224	422.266	419.155	419.136	419.434	414.960	419.405

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

54.5	431.126	426.442	391.478	409.987	413.568	416.957	413.261	410.266	406.915	416.150
55.0	436.099	423.734	392.323	395.242	403.469	409.133	399.120	389.472	398.333	409.680
55.5	422.592	419.184	396.106	382.416	395.174	402.326	372.173	370.435	378.566	404.938
56.0	414.710	418.022	396.086	376.954	389.203	395.866	357.926	359.846	365.923	395.741
56.5	402.326	420.547	392.102	370.147	383.827	382.464	356.400	360.134	358.714	383.530
57.0	389.251	432.614	382.253	364.771	375.629	360.682	355.296	352.867	355.661	361.200
57.5	366.586	438.086	358.397	359.213	368.880	344.698	346.685	350.669	348.874	347.021
58.0	349.546	419.482	344.870	352.291	363.456	342.403	345.446	363.792	351.427	344.640
58.5	339.494	396.355	344.160	336.883	357.610	337.114	357.389	369.216	362.237	339.754
59.0	322.262	376.973	336.854	326.822	340.454	332.035	357.754	334.627	358.618	335.338
59.5	317.856	348.355	327.466	321.466	332.304	338.390	325.142	300.326	325.939	342.307
60.0	316.262	319.882	324.288	311.741	325.056	338.544	294.403	288.970	300.442	346.522
60.5	308.477	298.310	320.227	304.915	320.150	320.986	280.906	282.758	286.493	320.515
61.0	298.262	281.606	310.800	298.608	311.558	298.656	269.021	268.925	268.138	299.683
61.5	291.350	279.110	296.314	293.818	304.800	277.469	262.502	262.973	265.066	279.158
62.0	287.040	285.245	286.397	279.418	296.899	254.851	257.491	268.541	270.538	260.640
62.5	282.173	282.326	274.579	265.162	276.883	248.986	261.168	268.944	266.640	254.285
63.0	279.706	265.152	261.158	256.138	259.968	254.458	258.950	254.314	258.806	257.011
63.5	269.962	255.120	249.744	250.886	241.699	246.192	245.232	237.821	254.621	258.125
64.0	265.085	244.291	235.488	246.422	224.429	238.147	226.742	217.910	225.686	258.989
64.5	261.494	231.782	228.970	248.352	219.168	235.450	209.635	200.803	202.138	253.862
65.0	252.845	220.234	232.426	237.898	207.715	215.818	194.976	188.554	202.426	223.834
65.5	240.730	213.725	227.155	227.981	196.915	192.259	186.144	185.779	189.629	198.730
66.0	231.734	207.936	214.234	210.826	197.597	180.163	184.877	198.509	185.827	185.952
66.5	223.757	202.915	198.000	192.384	193.018	182.131	188.861	181.968	195.686	184.022
67.0	205.546	184.954	192.134	188.659	178.339	178.608	180.998	175.517	175.469	184.186
67.5	201.926	172.579	184.522	180.595	161.213	184.886	171.523	167.203	181.459	173.885
68.0	198.298	166.157	176.736	162.758	149.280	173.050	161.846	158.899	171.043	163.594
68.5	172.474	156.902	165.667	155.933	140.870	161.232	152.179	150.586	160.627	153.312
69.0	160.349	152.477	154.608	149.098	135.283	149.414	142.502	142.272	150.221	143.021
69.5	148.234	148.051	143.539	142.272	129.706	137.770	132.893	133.978	139.920	132.816
70.0	136.109	143.626	132.701	135.043	124.128	131.962	130.771	130.560	131.606	125.366
70.5	123.984	139.190	125.981	119.462	118.550	131.798	120.576	120.758	132.000	130.291
71.0	111.965	134.477	117.600	118.310	112.992	118.022	116.333	115.901	120.835	111.062
71.5	103.104	120.778	107.635	115.018	110.381	114.806	109.008	109.843	108.643	109.901
72.0	100.934	117.475	102.835	120.298	114.422	107.875	107.597	105.264	113.798	98.726
72.5	102.317	103.824	96.720	87.139	94.906	96.422	113.443	102.643	103.546	99.091
73.0	94.339	95.856	91.757	82.128	88.291	105.466	89.309	87.648	99.485	96.163
73.5	84.624	90.230	77.750	74.832	80.275	80.669	78.758	83.251	81.302	78.509
74.0	78.307	75.869	74.237	77.635	88.157	71.942	82.224	79.469	89.971	76.176
74.5	68.986	69.494	69.878	66.605	82.598	73.363	73.478	66.912	77.645	75.562
75.0	64.042	66.230	68.141	61.709	61.248	71.616	60.326	60.518	60.384	71.770
75.5	60.307	54.499	58.262	56.170	57.005	62.410	59.078	62.976	70.915	62.554
76.0	52.003	47.760	48.653	56.813	56.026	58.838	47.914	58.522	53.386	63.514
76.5	48.259	49.171	45.542	49.555	52.320	47.184	48.893	36.902	49.142	44.717
77.0	42.883	36.566	43.306	40.099	51.648	41.088	38.506	35.856	36.528	45.974
77.5	40.022	34.310	33.389	36.058	38.928	38.851	32.381	28.819	34.387	31.603
78.0	30.374	30.211	31.930	32.717	33.418	35.414	27.648	24.758	29.366	32.947
78.5	27.533	29.146	28.310	31.066	32.573	30.144	22.925	20.707	24.355	27.974
79.0	23.741	22.464	24.211	26.784	26.707	24.874	18.192	16.646	19.344	23.002
79.5	19.958	19.546	21.302	23.453	22.963	19.603	13.459	12.586	14.323	18.038
80.0	16.166	16.627	18.394	20.131	19.229	14.323	8.851	8.602	9.341	13.066
80.5	12.374	13.709	15.475	16.810	15.485	9.254	8.141	8.218	8.218	8.371
81.0	8.669	10.781	12.566	13.478	11.750	7.930	7.709	7.805	7.795	7.517
81.5	7.661	7.939	9.677	10.157	8.045	7.584	7.344	7.392	7.334	7.027
82.0	7.162	6.979	7.421	6.893	6.893	7.094	6.816	6.893	6.922	6.653

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

82.5	6.470	6.355	6.528	6.096	6.058	6.701	6.432	6.461	6.432	6.182
83.0	5.942	5.846	5.338	5.530	5.616	6.163	6.029	6.067	5.962	5.702
83.5	5.347	5.222	4.733	4.858	5.184	5.558	5.578	5.674	5.472	5.261
84.0	4.838	4.704	4.387	4.368	4.723	5.011	5.174	5.290	5.117	4.838
84.5	4.387	4.253	4.061	4.051	4.243	4.646	4.790	4.886	4.771	4.474
85.0	4.032	3.869	3.725	3.734	3.850	4.330	4.358	4.435	4.358	4.147
85.5	3.715	3.600	3.437	3.427	3.552	3.955	3.926	3.936	3.955	3.811
86.0	3.389	3.293	3.178	3.178	3.254	3.542	3.437	3.475	3.533	3.427
86.5	3.130	3.034	2.938	2.947	2.986	3.274	3.110	3.130	3.158	3.101
87.0	2.899	2.803	2.726	2.707	2.765	2.976	2.861	2.870	2.861	2.813
87.5	2.726	2.611	2.515	2.506	2.563	2.765	2.669	2.659	2.621	2.573
88.0	2.563	2.429	2.333	2.333	2.400	2.554	2.448	2.467	2.400	2.381
88.5	2.429	2.275	2.179	2.179	2.246	2.304	2.246	2.275	2.189	2.189
89.0	2.275	2.141	2.026	2.035	2.102	2.131	2.054	2.064	1.997	2.016
89.5	2.122	2.016	1.901	1.901	1.958	1.958	1.862	1.843	1.824	1.862
90.0	1.968	1.891	1.776	1.776	1.814	1.776	1.670	1.642	1.642	1.690
90.5	1.776	1.747	1.651	1.651	1.670	1.594	1.498	1.469	1.478	1.526
91.0	1.613	1.603	1.536	1.536	1.526	1.430	1.334	1.315	1.334	1.382
91.5	1.459	1.450	1.421	1.421	1.382	1.277	1.200	1.171	1.200	1.248
92.0	1.315	1.315	1.306	1.306	1.248	1.142	1.075	1.046	1.075	1.133
92.5	1.190	1.200	1.200	1.200	1.133	1.027	0.979	0.941	0.970	1.018
93.0	1.075	1.085	1.094	1.094	1.037	0.922	0.874	0.845	0.874	0.912
93.5	0.970	0.989	0.998	0.998	0.941	0.835	0.787	0.758	0.787	0.826
94.0	0.883	0.893	0.912	0.912	0.864	0.758	0.710	0.691	0.701	0.749
94.5	0.797	0.816	0.826	0.826	0.787	0.691	0.643	0.624	0.634	0.682
95.0	0.720	0.739	0.749	0.749	0.710	0.624	0.586	0.576	0.586	0.624
95.5	0.643	0.672	0.691	0.682	0.653	0.576	0.538	0.528	0.538	0.566
96.0	0.586	0.614	0.634	0.624	0.595	0.528	0.499	0.490	0.499	0.528
96.5	0.528	0.557	0.576	0.566	0.547	0.490	0.461	0.461	0.470	0.490
97.0	0.490	0.509	0.528	0.518	0.499	0.461	0.432	0.432	0.442	0.451
97.5	0.451	0.470	0.480	0.480	0.461	0.422	0.413	0.413	0.413	0.432
98.0	0.413	0.432	0.442	0.442	0.432	0.403	0.394	0.394	0.394	0.403
98.5	0.384	0.394	0.413	0.403	0.394	0.384	0.365	0.374	0.374	0.374
99.0	0.355	0.365	0.374	0.374	0.365	0.355	0.346	0.355	0.355	0.346
99.5	0.336	0.336	0.346	0.346	0.336	0.336	0.326	0.326	0.326	0.317
100.0	0.317	0.317	0.317	0.317	0.317	0.307	0.298	0.307	0.298	0.288
100.5	0.288	0.288	0.288	0.288	0.288	0.278	0.278	0.278	0.269	0.259
101.0	0.259	0.259	0.269	0.259	0.259	0.250	0.250	0.250	0.240	0.221
101.5	0.240	0.240	0.240	0.240	0.230	0.221	0.221	0.221	0.202	0.192
102.0	0.211	0.211	0.221	0.211	0.202	0.192	0.192	0.182	0.173	0.163
102.5	0.192	0.192	0.202	0.192	0.182	0.173	0.163	0.144	0.144	0.144
103.0	0.173	0.173	0.182	0.173	0.163	0.154	0.134	0.115	0.125	0.125
103.5	0.154	0.154	0.163	0.154	0.144	0.134	0.125	0.115	0.115	0.125
104.0	0.144	0.144	0.144	0.144	0.134	0.125	0.125	0.125	0.125	0.125
104.5	0.134	0.134	0.144	0.134	0.134	0.125	0.125	0.125	0.125	0.125
105.0	0.134	0.134	0.134	0.134	0.134	0.125	0.134	0.134	0.134	0.134
105.5	0.134	0.134	0.144	0.134	0.134	0.134	0.134	0.134	0.134	0.134
106.0	0.134	0.144	0.144	0.144	0.134	0.134	0.134	0.134	0.134	0.144
106.5	0.144	0.144	0.154	0.144	0.144	0.144	0.144	0.144	0.144	0.144
107.0	0.144	0.154	0.154	0.154	0.144	0.144	0.144	0.144	0.144	0.154
107.5	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154	0.154
108.0	0.154	0.163	0.163	0.163	0.154	0.154	0.154	0.154	0.154	0.154
108.5	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163	0.163
109.0	0.163	0.163	0.173	0.173	0.163	0.163	0.163	0.163	0.163	0.163
109.5	0.173	0.173	0.173	0.173	0.173	0.163	0.163	0.163	0.173	0.173
110.0	0.173	0.173	0.182	0.173	0.173	0.173	0.173	0.173	0.173	0.173

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

110.5	0.173	0.182	0.182	0.182	0.173	0.173	0.173	0.173	0.173	0.173
111.0	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182	0.182
111.5	0.182	0.182	0.192	0.192	0.182	0.182	0.182	0.182	0.182	0.182
112.0	0.192	0.192	0.192	0.192	0.192	0.182	0.182	0.182	0.192	0.192
112.5	0.192	0.192	0.202	0.192	0.192	0.192	0.192	0.192	0.192	0.192
113.0	0.202	0.202	0.202	0.202	0.202	0.192	0.192	0.192	0.192	0.192
113.5	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202	0.202
114.0	0.202	0.202	0.211	0.211	0.202	0.202	0.202	0.202	0.202	0.202
114.5	0.211	0.211	0.211	0.211	0.211	0.202	0.211	0.211	0.211	0.211
115.0	0.211	0.211	0.221	0.221	0.211	0.211	0.211	0.211	0.211	0.211
115.5	0.211	0.221	0.221	0.221	0.221	0.211	0.211	0.211	0.221	0.221
116.0	0.221	0.221	0.230	0.221	0.221	0.221	0.221	0.221	0.221	0.221
116.5	0.221	0.230	0.230	0.230	0.230	0.221	0.221	0.221	0.221	0.230
117.0	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.230
117.5	0.230	0.240	0.240	0.240	0.230	0.230	0.230	0.230	0.230	0.230
118.0	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240	0.240
118.5	0.240	0.240	0.250	0.250	0.240	0.240	0.240	0.240	0.240	0.240
119.0	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250	0.250
119.5	0.250	0.250	0.259	0.250	0.250	0.250	0.250	0.250	0.250	0.250
120.0	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259
120.5	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259
121.0	0.269	0.269	0.269	0.269	0.269	0.259	0.269	0.259	0.269	0.269
121.5	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269	0.269
122.0	0.278	0.278	0.278	0.278	0.278	0.269	0.278	0.278	0.278	0.278
122.5	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278
123.0	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.288	0.288
123.5	0.288	0.288	0.298	0.288	0.288	0.288	0.288	0.288	0.288	0.288
124.0	0.298	0.298	0.298	0.298	0.298	0.298	0.298	0.298	0.298	0.298
124.5	0.307	0.307	0.307	0.307	0.298	0.298	0.298	0.307	0.307	0.307
125.0	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307	0.307
125.5	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317
126.0	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326	0.326
126.5	0.336	0.336	0.336	0.326	0.326	0.326	0.326	0.336	0.336	0.326
127.0	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336	0.336
127.5	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346	0.346
128.0	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355	0.355
128.5	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365	0.365
129.0	0.374	0.374	0.374	0.365	0.374	0.374	0.365	0.374	0.374	0.374
129.5	0.384	0.384	0.384	0.374	0.374	0.374	0.374	0.384	0.384	0.374
130.0	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384	0.384
130.5	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394	0.394
131.0	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403	0.403
131.5	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413	0.413
132.0	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422	0.422
132.5	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432	0.432
133.0	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442	0.442
133.5	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451	0.451
134.0	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.461	0.461
134.5	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470	0.470
135.0	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480	0.480
135.5	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490	0.490
136.0	0.499	0.499	0.499	0.499	0.499	0.499	0.499	0.499	0.499	0.499
136.5	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509	0.509
137.0	0.518	0.518	0.518	0.518	0.518	0.518	0.518	0.518	0.518	0.518
137.5	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528	0.528
138.0	0.538	0.538	0.538	0.538	0.538	0.538	0.538	0.538	0.538	0.538

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

138.5	0.547	0.547	0.547	0.547	0.547	0.547	0.547	0.547	0.547	0.547
139.0	0.557	0.557	0.557	0.557	0.557	0.557	0.557	0.557	0.557	0.547
139.5	0.566	0.557	0.557	0.557	0.557	0.557	0.566	0.566	0.557	0.557
140.0	0.576	0.566	0.566	0.566	0.566	0.566	0.566	0.576	0.566	0.566
140.5	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576	0.576
141.0	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586
141.5	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595
142.0	0.605	0.605	0.605	0.605	0.605	0.605	0.605	0.605	0.605	0.605
142.5	0.614	0.605	0.614	0.605	0.605	0.605	0.614	0.614	0.614	0.605
143.0	0.624	0.614	0.614	0.614	0.614	0.614	0.614	0.624	0.614	0.614
143.5	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624	0.624
144.0	0.634	0.634	0.634	0.634	0.634	0.634	0.634	0.634	0.634	0.634
144.5	0.643	0.634	0.634	0.634	0.634	0.634	0.634	0.643	0.643	0.634
145.0	0.643	0.643	0.643	0.643	0.643	0.643	0.643	0.643	0.643	0.643
145.5	0.653	0.653	0.653	0.653	0.653	0.653	0.653	0.653	0.653	0.653
146.0	0.662	0.653	0.662	0.653	0.653	0.653	0.653	0.662	0.662	0.662
146.5	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662	0.662
147.0	0.672	0.672	0.672	0.662	0.672	0.672	0.672	0.672	0.672	0.672
147.5	0.672	0.672	0.682	0.672	0.672	0.672	0.672	0.672	0.672	0.672
148.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682
148.5	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682
149.0	0.691	0.691	0.691	0.682	0.691	0.682	0.691	0.691	0.691	0.691
149.5	0.691	0.701	0.691	0.691	0.691	0.691	0.691	0.691	0.691	0.691
150.0	0.701	0.701	0.701	0.691	0.701	0.701	0.691	0.691	0.701	0.701
150.5	0.701	0.710	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701
151.0	0.710	0.710	0.710	0.701	0.710	0.701	0.701	0.701	0.701	0.701
151.5	0.710	0.710	0.710	0.710	0.710	0.710	0.710	0.710	0.710	0.710
152.0	0.720	0.720	0.720	0.710	0.720	0.710	0.710	0.710	0.710	0.710
152.5	0.720	0.720	0.720	0.710	0.720	0.720	0.720	0.710	0.720	0.720
153.0	0.730	0.730	0.720	0.720	0.739	0.720	0.720	0.720	0.720	0.730
153.5	0.730	0.730	0.730	0.720	0.806	0.730	0.720	0.720	0.730	0.730
154.0	0.730	0.730	0.730	0.720	0.922	0.730	0.730	0.720	0.730	0.730
154.5	0.730	0.730	0.730	0.720	0.941	0.768	0.730	0.730	0.730	0.739
155.0	0.730	0.730	0.730	0.720	0.835	0.883	0.730	0.730	0.730	0.739
155.5	0.730	0.730	0.730	0.730	0.768	1.104	0.730	0.730	0.739	0.739
156.0	0.730	0.730	0.730	0.730	0.739	1.190	0.730	0.739	0.739	0.739
156.5	0.730	0.730	0.730	0.730	0.739	1.018	0.730	0.739	0.749	0.739
157.0	0.730	0.730	0.730	0.730	0.739	0.883	0.739	0.739	0.806	0.739
157.5	0.730	0.739	0.730	0.730	0.739	0.778	0.739	0.739	0.874	0.739
158.0	0.739	0.739	0.739	0.730	0.739	0.749	0.739	0.749	0.854	0.739
158.5	0.739	0.739	0.739	0.739	0.739	0.749	0.739	0.749	0.787	0.739
159.0	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.749	0.758	0.739
159.5	0.739	0.739	0.739	0.739	0.749	0.739	0.739	0.749	0.749	0.739
160.0	0.749	0.749	0.739	0.749	0.749	0.739	0.739	0.749	0.749	0.749
160.5	0.749	0.749	0.739	0.749	0.749	0.749	0.739	0.749	0.749	0.749
161.0	0.749	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.749	0.749
161.5	0.749	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.749	0.749
162.0	0.749	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.749	0.749
162.5	0.749	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.749	0.749
163.0	0.749	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.739	0.749
163.5	0.739	0.749	0.739	0.749	0.749	0.749	0.739	0.739	0.739	0.739
164.0	0.739	0.749	0.739	0.739	0.749	0.739	0.739	0.739	0.739	0.739
164.5	0.739	0.787	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.739
165.0	0.739	0.835	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.739
165.5	0.749	0.835	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.739
166.0	0.758	0.787	0.739	0.749	0.749	0.739	0.739	0.739	0.739	0.739

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

166.5	0.768	0.758	0.739	0.749	0.749	0.739	0.739	0.739	0.739	0.739
167.0	0.758	0.749	0.739	0.749	0.749	0.739	0.739	0.739	0.739	0.739
167.5	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.739	0.739	0.739
168.0	0.749	0.749	0.749	0.749	0.749	0.739	0.739	0.739	0.739	0.739
168.5	0.749	0.749	0.739	0.749	0.749	0.739	0.739	0.739	0.739	0.739
169.0	0.739	0.739	0.739	0.749	0.739	0.739	0.739	0.739	0.739	0.739
169.5	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.739
170.0	0.739	0.739	0.739	0.739	0.739	0.739	0.739	0.730	0.730	0.730
170.5	0.730	0.730	0.730	0.739	0.739	0.730	0.730	0.730	0.730	0.730
171.0	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730
171.5	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730
172.0	0.730	0.730	0.730	0.739	0.739	0.730	0.730	0.730	0.730	0.730
172.5	0.739	0.739	0.739	0.739	0.739	0.739	0.730	0.730	0.730	0.730
173.0	0.730	0.730	0.739	0.739	0.739	0.739	0.730	0.730	0.730	0.730
173.5	0.730	0.730	0.739	0.739	0.739	0.730	0.730	0.730	0.730	0.730
174.0	0.739	0.739	0.739	0.739	0.739	0.739	0.730	0.730	0.730	0.730
174.5	0.739	0.739	0.739	0.739	0.739	0.739	0.730	0.730	0.730	0.730
175.0	0.730	0.730	0.739	0.739	0.739	0.739	0.730	0.730	0.730	0.730
175.5	0.730	0.730	0.730	0.739	0.730	0.730	0.730	0.730	0.730	0.730
176.0	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730	0.730
176.5	0.720	0.730	0.730	0.730	0.730	0.720	0.720	0.720	0.720	0.720
177.0	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720	0.720
177.5	0.710	0.710	0.720	0.720	0.720	0.710	0.710	0.710	0.710	0.710
178.0	0.710	0.710	0.710	0.710	0.710	0.710	0.710	0.701	0.701	0.701
178.5	0.701	0.701	0.701	0.701	0.710	0.701	0.701	0.701	0.701	0.701
179.0	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.701
179.5	0.691	0.691	0.701	0.701	0.701	0.701	0.691	0.691	0.691	0.691
180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682	0.682

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

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0.0	827.222	827.222	827.222	827.222	827.222	827.222	827.222
0.5	828.182	828.432	828.490	828.240	828.250	828.106	828.000
1.0	828.864	829.123	829.238	829.152	829.363	829.027	828.432
1.5	829.507	830.045	830.122	829.718	829.507	828.864	828.182
2.0	830.112	830.410	830.256	829.891	829.661	828.922	828.336
2.5	830.938	831.034	829.987	829.498	829.939	829.344	828.096
3.0	831.638	831.187	830.381	829.718	829.680	828.931	827.395
3.5	831.610	830.957	830.342	828.970	828.662	827.981	826.147
4.0	829.622	829.747	829.325	828.768	827.645	826.435	823.786
4.5	828.432	827.827	828.278	826.992	825.802	823.910	821.126
5.0	826.637	826.234	826.195	824.909	823.507	821.386	819.475
5.5	825.139	824.765	824.602	822.413	821.760	819.110	818.755
6.0	823.526	822.547	822.662	820.493	819.754	818.861	819.379
6.5	822.067	820.378	819.456	817.642	818.429	819.533	819.763
7.0	821.798	819.341	816.307	814.742	817.498	819.485	820.291
7.5	820.704	817.795	813.802	813.264	816.288	819.869	821.069
8.0	819.475	817.085	812.534	812.698	816.154	819.226	820.128
8.5	818.947	817.133	811.709	812.966	816.259	817.968	818.611
9.0	817.094	815.376	811.978	813.187	815.827	817.565	816.182
9.5	815.242	813.571	812.448	813.610	815.971	817.018	814.147
10.0	813.197	811.805	813.427	813.830	815.530	815.088	813.226
10.5	810.701	809.702	812.947	813.782	814.474	813.677	811.776
11.0	808.061	806.746	812.400	813.274	812.506	810.662	809.299
11.5	805.680	804.662	811.478	812.419	811.315	808.118	807.552

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

12.0	803.894	802.483	810.941	810.768	809.299	806.717	805.603
12.5	802.157	801.408	810.038	808.570	808.512	805.488	805.162
13.0	800.285	801.859	807.946	806.026	807.158	805.258	804.010
13.5	798.566	802.243	805.565	803.510	806.294	805.546	802.454
14.0	797.549	803.194	802.368	801.168	805.066	803.405	799.651
14.5	797.146	803.645	799.814	800.054	802.560	799.680	796.589
15.0	797.270	802.954	797.299	799.286	799.152	796.224	794.563
15.5	797.491	801.091	796.224	798.202	795.600	793.344	794.208
16.0	797.088	798.278	795.600	797.338	794.198	792.730	795.955
16.5	796.234	794.198	795.667	794.957	792.384	793.738	794.899
17.0	794.592	789.427	795.024	793.488	792.480	793.862	792.653
17.5	792.278	784.426	793.747	791.616	791.962	791.482	787.574
18.0	789.533	781.133	791.578	790.742	790.291	788.774	782.390
18.5	786.634	779.539	789.168	789.062	788.534	785.280	778.656
19.0	783.763	778.819	786.403	786.826	786.058	781.968	777.082
19.5	781.056	778.080	783.302	783.398	783.379	779.654	777.264
20.0	777.494	775.949	781.075	779.722	780.134	777.658	777.082
20.5	774.240	773.818	778.973	776.554	776.938	774.787	775.709
21.0	770.659	772.147	776.698	774.010	773.309	771.408	772.982
21.5	767.117	770.621	775.277	771.005	770.150	768.701	771.034
22.0	764.688	768.989	773.126	769.651	767.213	766.925	770.381
22.5	762.499	767.779	770.765	767.318	765.005	764.563	768.893
23.0	760.022	765.638	767.664	766.330	762.010	762.797	767.626
23.5	756.499	762.499	764.976	762.902	759.677	760.502	764.285
24.0	752.035	760.262	761.174	759.149	757.738	758.822	760.166
24.5	748.493	758.448	757.814	755.107	757.238	756.163	754.541
25.0	744.874	754.301	754.579	751.670	756.154	753.398	750.010
25.5	741.091	750.826	751.805	749.002	753.859	749.923	746.074
26.0	738.662	746.592	748.426	746.381	750.144	746.016	742.704
26.5	737.098	741.024	746.150	743.357	745.488	740.726	739.670
27.0	735.859	735.360	742.032	739.949	741.206	734.218	735.379
27.5	735.456	731.098	738.067	737.434	737.798	728.256	731.366
28.0	733.862	727.517	733.651	733.795	734.227	724.675	730.310
28.5	731.626	725.539	729.014	731.059	729.360	724.042	731.808
29.0	726.768	723.360	723.514	728.122	725.971	728.208	737.501
29.5	721.325	720.758	717.984	725.434	723.974	735.792	744.518
30.0	717.168	718.627	712.646	723.466	725.146	742.445	745.488
30.5	713.203	716.592	707.837	720.298	730.310	745.757	740.880
31.0	710.170	714.614	705.062	717.110	737.568	739.421	733.709
31.5	707.040	711.302	703.094	713.894	738.979	732.682	727.123
32.0	703.594	708.067	701.280	714.077	732.288	725.770	718.819
32.5	699.686	703.699	697.987	719.597	722.362	715.162	710.928
33.0	694.416	699.658	696.298	720.826	712.234	704.630	705.120
33.5	690.355	695.184	693.773	719.002	705.888	698.016	699.638
34.0	685.267	690.989	692.381	712.819	700.723	693.206	694.282
34.5	682.426	685.805	695.318	708.096	698.659	689.395	691.594
35.0	678.806	681.494	699.475	700.512	694.742	685.738	688.272
35.5	675.658	677.635	698.266	694.032	688.560	682.368	685.987
36.0	670.618	673.258	696.451	686.525	681.629	682.608	684.355
36.5	666.547	667.882	690.931	684.038	676.637	682.272	682.483
37.0	663.629	663.302	682.598	679.507	672.806	682.819	688.656
37.5	660.557	660.038	674.285	671.962	669.302	689.616	699.302
38.0	660.413	662.861	668.064	665.069	666.643	698.246	695.654
38.5	661.498	665.002	663.187	658.762	668.515	694.560	682.598
39.0	661.421	664.157	655.430	653.030	676.819	679.670	656.486
39.5	661.325	661.018	647.040	645.168	681.514	654.067	635.914

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

40.0	662.122	657.811	640.771	643.162	675.936	632.256	619.997
40.5	659.616	653.846	635.779	647.117	656.813	619.123	599.280
41.0	656.861	648.643	631.133	653.232	632.016	597.677	581.962
41.5	654.096	642.682	626.189	656.554	610.435	577.613	568.426
42.0	654.826	638.006	623.789	647.443	594.499	566.352	566.112
42.5	660.547	635.904	619.834	636.682	575.702	568.157	572.563
43.0	669.994	630.230	618.000	619.325	562.176	578.026	582.278
43.5	663.475	625.037	617.798	595.882	556.186	585.034	587.280
44.0	638.870	619.008	622.560	573.667	558.874	586.618	576.816
44.5	602.554	611.597	626.803	560.246	564.518	576.672	563.184
45.0	568.762	605.683	627.226	549.235	570.499	563.971	550.810
45.5	541.565	606.182	616.790	539.654	567.802	551.357	542.659
46.0	525.658	611.309	601.968	528.845	559.498	540.480	533.126
46.5	517.910	615.821	585.168	530.333	545.309	533.126	519.302
47.0	522.163	614.102	567.101	539.856	528.874	520.877	502.973
47.5	535.670	594.950	549.043	542.419	520.138	507.504	489.149
48.0	544.675	570.048	534.096	537.706	505.930	493.882	481.229
48.5	544.378	546.163	518.698	522.730	498.461	486.787	472.963
49.0	539.530	530.160	510.538	505.603	489.734	478.118	467.424
49.5	524.842	515.606	510.682	494.477	478.243	472.234	465.091
50.0	503.165	508.205	522.355	483.014	467.827	472.493	463.997
50.5	484.560	508.522	526.454	471.514	460.070	467.424	463.296
51.0	470.582	509.587	530.093	460.330	455.990	461.491	458.352
51.5	460.666	506.544	527.722	448.714	450.662	458.458	456.778
52.0	453.456	495.629	517.219	435.552	443.952	456.086	457.008
52.5	450.547	474.096	491.981	429.322	441.869	455.078	453.053
53.0	445.949	447.158	458.448	428.650	439.373	453.235	447.130
53.5	440.640	423.782	431.798	431.050	434.880	446.458	437.549
54.0	437.011	404.726	412.474	428.304	433.200	437.606	422.842
54.5	431.242	396.326	392.774	426.077	430.848	421.027	402.422
55.0	426.173	393.677	381.782	421.613	422.429	398.093	377.789
55.5	420.758	393.302	372.010	421.459	409.699	374.189	358.291
56.0	417.360	388.781	371.482	417.485	391.325	358.090	350.736
56.5	409.939	373.363	374.861	411.840	366.960	349.526	344.573
57.0	397.728	357.926	372.326	407.107	347.443	347.386	350.275
57.5	388.714	345.101	362.237	404.352	332.160	350.093	345.955
58.0	381.197	332.506	353.520	397.315	324.086	341.030	329.059
58.5	361.891	322.618	345.610	378.432	331.104	331.478	315.571
59.0	326.448	313.728	338.381	359.990	331.027	325.747	312.173
59.5	299.299	304.435	328.694	338.707	314.678	308.477	314.803
60.0	287.126	298.090	322.646	323.856	305.568	298.291	303.734
60.5	283.661	293.616	308.746	314.957	292.253	296.342	285.408
61.0	287.578	293.069	294.979	295.162	281.280	287.146	281.088
61.5	295.334	289.344	272.582	278.122	279.293	274.166	273.245
62.0	302.582	283.536	253.142	258.739	276.605	266.438	270.941
62.5	288.941	267.917	241.766	262.646	269.606	266.237	266.352
63.0	259.517	254.525	242.458	255.379	257.808	255.446	248.208
63.5	230.093	247.133	244.714	250.829	255.101	243.494	232.637
64.0	214.166	244.848	241.747	239.203	251.770	226.272	215.606
64.5	206.054	246.125	231.696	222.634	241.344	216.163	214.272
65.0	199.968	241.613	216.710	213.197	222.595	209.290	213.206
65.5	199.162	226.502	218.131	211.958	210.682	211.363	200.832
66.0	201.754	191.664	210.883	212.179	206.870	194.909	188.189
66.5	191.866	173.482	190.771	180.989	209.549	191.021	182.016
67.0	184.099	168.634	175.853	169.622	200.669	173.117	174.547
67.5	162.058	170.659	167.347	163.930	189.590	167.136	172.099

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

68.0	150.893	156.816	167.088	156.730	182.266	160.195	171.773
68.5	146.352	147.379	157.315	149.530	171.475	153.254	163.440
69.0	137.366	137.942	147.542	142.339	160.080	146.323	146.122
69.5	128.390	128.506	137.779	135.638	148.694	139.382	126.595
70.0	119.405	119.126	127.997	139.258	137.299	132.557	126.538
70.5	110.717	112.522	116.189	132.701	125.914	129.139	117.715
71.0	106.781	101.798	111.379	123.379	114.662	114.038	111.408
71.5	104.246	108.394	102.691	113.405	109.373	109.018	109.450
72.0	105.197	108.432	96.883	110.266	102.298	106.944	106.310
72.5	88.339	82.550	95.750	94.061	99.206	95.251	87.936
73.0	85.728	74.246	85.392	89.866	84.720	82.627	77.827
73.5	80.573	68.621	77.942	91.651	76.013	79.546	72.000
74.0	74.496	72.394	67.690	79.824	69.638	69.715	68.198
74.5	70.829	58.234	61.795	59.923	58.685	71.818	62.650
75.0	61.862	55.651	65.030	54.576	61.958	54.528	55.517
75.5	61.190	55.066	52.570	52.090	44.093	48.998	48.336
76.0	54.710	55.440	44.285	48.662	46.214	44.102	41.146
76.5	49.469	46.128	39.091	40.464	38.419	38.342	33.965
77.0	47.894	37.699	34.474	35.366	36.768	31.709	24.240
77.5	41.731	33.840	29.789	30.384	30.029	27.149	25.219
78.0	30.269	28.694	26.246	28.080	26.381	22.589	20.256
78.5	28.013	29.981	24.403	23.280	22.733	18.029	11.731
79.0	24.048	25.594	21.619	20.083	19.085	13.469	9.149
79.5	20.093	22.128	18.835	16.886	15.427	8.995	8.467
80.0	16.128	18.662	16.061	13.699	11.779	8.131	7.978
80.5	12.173	15.206	13.277	10.502	8.323	7.728	7.824
81.0	8.400	11.741	10.502	7.334	7.459	7.363	7.565
81.5	7.027	8.400	7.786	6.624	6.864	6.970	7.066
82.0	6.326	6.989	6.653	6.134	6.317	6.461	6.576
82.5	5.914	5.482	5.453	5.866	5.731	5.885	6.096
83.0	5.453	4.963	4.973	5.213	5.242	5.510	5.606
83.5	5.011	4.522	4.502	4.762	4.781	5.107	5.126
84.0	4.560	4.109	4.061	4.339	4.493	4.790	4.829
84.5	4.138	3.763	3.744	3.946	4.176	4.339	4.445
85.0	3.802	3.466	3.456	3.610	3.821	3.917	3.936
85.5	3.475	3.206	3.197	3.322	3.485	3.475	3.466
86.0	3.168	2.966	2.957	3.024	3.149	3.110	3.043
86.5	2.890	2.746	2.726	2.726	2.794	2.803	2.784
87.0	2.669	2.525	2.496	2.496	2.554	2.582	2.554
87.5	2.458	2.314	2.285	2.304	2.352	2.400	2.352
88.0	2.256	2.131	2.102	2.122	2.179	2.237	2.198
88.5	2.083	1.968	1.930	1.968	2.026	2.045	2.064
89.0	1.939	1.824	1.776	1.834	1.901	1.891	1.862
89.5	1.814	1.690	1.642	1.718	1.757	1.699	1.651
90.0	1.680	1.555	1.526	1.603	1.603	1.517	1.450
90.5	1.555	1.440	1.402	1.459	1.430	1.363	1.277
91.0	1.421	1.334	1.296	1.354	1.296	1.219	1.142
91.5	1.277	1.229	1.200	1.210	1.152	1.085	1.008
92.0	1.162	1.133	1.114	1.094	1.046	0.979	0.902
92.5	1.056	1.046	1.018	0.998	0.950	0.874	0.806
93.0	0.950	0.960	0.941	0.912	0.854	0.787	0.720
93.5	0.864	0.874	0.854	0.835	0.778	0.710	0.634
94.0	0.778	0.797	0.787	0.758	0.710	0.643	0.576
94.5	0.710	0.730	0.720	0.691	0.643	0.586	0.518
95.0	0.653	0.662	0.653	0.634	0.586	0.528	0.470
95.5	0.595	0.605	0.595	0.576	0.538	0.490	0.422

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

96.0	0.547	0.557	0.547	0.528	0.490	0.451	0.394
96.5	0.499	0.509	0.499	0.490	0.451	0.413	0.365
97.0	0.461	0.470	0.461	0.442	0.413	0.384	0.336
97.5	0.432	0.432	0.422	0.403	0.384	0.355	0.307
98.0	0.403	0.394	0.384	0.374	0.355	0.336	0.288
98.5	0.374	0.365	0.355	0.336	0.317	0.307	0.259
99.0	0.346	0.336	0.317	0.307	0.288	0.278	0.230
99.5	0.307	0.298	0.288	0.269	0.259	0.250	0.202
100.0	0.278	0.269	0.250	0.240	0.230	0.221	0.173
100.5	0.250	0.240	0.221	0.211	0.202	0.192	0.134
101.0	0.221	0.211	0.202	0.182	0.173	0.163	0.106
101.5	0.192	0.192	0.173	0.163	0.144	0.134	0.067
102.0	0.163	0.163	0.154	0.144	0.134	0.115	0.067
102.5	0.144	0.154	0.144	0.134	0.125	0.115	0.067
103.0	0.134	0.134	0.134	0.125	0.125	0.115	0.067
103.5	0.125	0.134	0.125	0.125	0.125	0.125	0.067
104.0	0.125	0.134	0.125	0.125	0.125	0.125	0.067
104.5	0.125	0.134	0.134	0.134	0.134	0.134	0.077
105.0	0.134	0.134	0.134	0.134	0.134	0.134	0.077
105.5	0.134	0.144	0.144	0.144	0.144	0.144	0.077
106.0	0.144	0.144	0.144	0.144	0.144	0.144	0.086
106.5	0.144	0.154	0.154	0.154	0.154	0.154	0.086
107.0	0.154	0.154	0.154	0.154	0.154	0.154	0.086
107.5	0.154	0.163	0.163	0.154	0.154	0.154	0.086
108.0	0.163	0.163	0.163	0.163	0.163	0.163	0.096
108.5	0.163	0.173	0.173	0.163	0.163	0.163	0.096
109.0	0.173	0.173	0.173	0.173	0.173	0.173	0.096
109.5	0.173	0.182	0.173	0.173	0.173	0.173	0.106
110.0	0.173	0.182	0.182	0.182	0.182	0.182	0.106
110.5	0.182	0.182	0.182	0.182	0.182	0.182	0.106
111.0	0.182	0.192	0.192	0.182	0.182	0.182	0.115
111.5	0.192	0.192	0.192	0.192	0.192	0.192	0.115
112.0	0.192	0.192	0.192	0.192	0.192	0.192	0.115
112.5	0.202	0.202	0.202	0.202	0.202	0.202	0.125
113.0	0.202	0.202	0.202	0.202	0.202	0.202	0.125
113.5	0.202	0.211	0.202	0.202	0.202	0.202	0.134
114.0	0.211	0.211	0.211	0.211	0.211	0.211	0.134
114.5	0.211	0.211	0.211	0.211	0.211	0.211	0.134
115.0	0.221	0.221	0.221	0.221	0.211	0.221	0.144
115.5	0.221	0.221	0.221	0.221	0.221	0.221	0.144
116.0	0.221	0.230	0.221	0.221	0.221	0.221	0.154
116.5	0.230	0.230	0.230	0.230	0.230	0.230	0.154
117.0	0.230	0.230	0.230	0.230	0.230	0.230	0.163
117.5	0.240	0.240	0.240	0.240	0.240	0.240	0.163
118.0	0.240	0.240	0.240	0.240	0.240	0.240	0.163
118.5	0.250	0.250	0.250	0.250	0.240	0.250	0.173
119.0	0.250	0.250	0.250	0.250	0.250	0.250	0.173
119.5	0.250	0.259	0.250	0.250	0.250	0.259	0.182
120.0	0.259	0.259	0.259	0.259	0.259	0.259	0.182
120.5	0.259	0.269	0.259	0.259	0.259	0.259	0.192
121.0	0.269	0.269	0.269	0.269	0.269	0.269	0.192
121.5	0.269	0.278	0.269	0.269	0.269	0.269	0.202
122.0	0.278	0.278	0.278	0.278	0.278	0.278	0.202
122.5	0.278	0.288	0.278	0.278	0.278	0.288	0.211
123.0	0.288	0.288	0.288	0.288	0.288	0.288	0.211
123.5	0.298	0.298	0.288	0.288	0.298	0.298	0.221

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

124.0	0.298	0.298	0.298	0.298	0.298	0.298	0.221
124.5	0.307	0.307	0.307	0.307	0.307	0.307	0.230
125.0	0.307	0.307	0.307	0.307	0.307	0.317	0.230
125.5	0.317	0.317	0.317	0.317	0.317	0.317	0.240
126.0	0.326	0.326	0.326	0.326	0.326	0.326	0.240
126.5	0.336	0.336	0.336	0.336	0.336	0.336	0.250
127.0	0.346	0.336	0.336	0.336	0.346	0.346	0.259
127.5	0.346	0.346	0.346	0.346	0.346	0.355	0.259
128.0	0.355	0.355	0.355	0.355	0.355	0.365	0.269
128.5	0.365	0.365	0.365	0.365	0.365	0.374	0.278
129.0	0.374	0.374	0.374	0.374	0.374	0.384	0.278
129.5	0.384	0.384	0.374	0.384	0.384	0.384	0.288
130.0	0.384	0.384	0.384	0.384	0.394	0.394	0.298
130.5	0.394	0.394	0.394	0.394	0.403	0.403	0.298
131.0	0.403	0.403	0.403	0.403	0.413	0.413	0.307
131.5	0.413	0.413	0.413	0.413	0.422	0.422	0.317
132.0	0.422	0.422	0.422	0.422	0.432	0.432	0.317
132.5	0.432	0.432	0.432	0.432	0.432	0.432	0.326
133.0	0.442	0.442	0.442	0.442	0.442	0.442	0.336
133.5	0.451	0.451	0.451	0.451	0.461	0.461	0.336
134.0	0.461	0.461	0.461	0.461	0.470	0.470	0.346
134.5	0.470	0.470	0.470	0.470	0.480	0.480	0.355
135.0	0.480	0.480	0.480	0.480	0.490	0.490	0.355
135.5	0.490	0.490	0.490	0.490	0.499	0.499	0.365
136.0	0.499	0.499	0.499	0.499	0.509	0.509	0.365
136.5	0.509	0.509	0.509	0.509	0.518	0.518	0.374
137.0	0.518	0.518	0.518	0.518	0.518	0.518	0.374
137.5	0.528	0.528	0.528	0.528	0.528	0.528	0.384
138.0	0.538	0.538	0.538	0.538	0.538	0.538	0.384
138.5	0.547	0.547	0.547	0.547	0.547	0.547	0.394
139.0	0.547	0.557	0.557	0.557	0.557	0.557	0.403
139.5	0.557	0.566	0.557	0.566	0.566	0.566	0.403
140.0	0.566	0.566	0.566	0.576	0.576	0.576	0.413
140.5	0.576	0.576	0.576	0.576	0.586	0.586	0.413
141.0	0.586	0.586	0.586	0.586	0.586	0.595	0.422
141.5	0.595	0.595	0.595	0.595	0.595	0.595	0.422
142.0	0.605	0.605	0.605	0.605	0.605	0.605	0.432
142.5	0.605	0.605	0.605	0.614	0.614	0.614	0.432
143.0	0.614	0.614	0.614	0.614	0.624	0.624	0.432
143.5	0.624	0.624	0.624	0.624	0.624	0.624	0.442
144.0	0.634	0.634	0.634	0.634	0.634	0.634	0.442
144.5	0.634	0.634	0.643	0.643	0.643	0.643	0.442
145.0	0.643	0.643	0.653	0.643	0.643	0.643	0.451
145.5	0.653	0.653	0.653	0.653	0.653	0.653	0.451
146.0	0.653	0.653	0.662	0.653	0.662	0.662	0.451
146.5	0.662	0.662	0.672	0.662	0.662	0.662	0.451
147.0	0.662	0.672	0.682	0.672	0.672	0.672	0.451
147.5	0.672	0.672	0.682	0.672	0.672	0.672	0.461
148.0	0.672	0.682	0.691	0.682	0.682	0.682	0.461
148.5	0.682	0.682	0.701	0.682	0.682	0.682	0.461
149.0	0.691	0.691	0.710	0.682	0.691	0.691	0.461
149.5	0.691	0.701	0.730	0.691	0.691	0.691	0.461
150.0	0.701	0.701	0.816	0.691	0.701	0.691	0.470
150.5	0.701	0.710	0.941	0.701	0.701	0.701	0.470
151.0	0.710	0.710	1.037	0.701	0.701	0.701	0.470
151.5	0.710	0.720	0.950	0.710	0.710	0.710	0.470

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

152.0	0.720	0.720	0.758	0.710	0.710	0.710	0.470
152.5	0.730	0.730	0.730	0.720	0.720	0.720	0.480
153.0	0.739	0.730	0.730	0.720	0.720	0.720	0.480
153.5	0.797	0.730	0.730	0.720	0.720	0.720	0.480
154.0	0.998	0.739	0.730	0.720	0.720	0.720	0.480
154.5	1.008	0.739	0.730	0.720	0.720	0.720	0.480
155.0	0.902	0.739	0.730	0.720	0.720	0.720	0.490
155.5	0.806	0.739	0.730	0.720	0.720	0.720	0.490
156.0	0.768	0.730	0.730	0.720	0.720	0.720	0.490
156.5	0.758	0.730	0.730	0.730	0.730	0.720	0.499
157.0	0.749	0.730	0.730	0.730	0.730	0.730	0.499
157.5	0.739	0.739	0.730	0.730	0.730	0.730	0.499
158.0	0.739	0.739	0.739	0.730	0.730	0.730	0.499
158.5	0.739	0.739	0.739	0.730	0.730	0.730	0.509
159.0	0.739	0.739	0.739	0.739	0.730	0.730	0.509
159.5	0.739	0.739	0.739	0.739	0.739	0.739	0.509
160.0	0.739	0.739	0.739	0.739	0.739	0.739	0.509
160.5	0.749	0.749	0.749	0.739	0.739	0.739	0.509
161.0	0.749	0.749	0.749	0.739	0.739	0.739	0.509
161.5	0.749	0.749	0.749	0.749	0.739	0.739	0.518
162.0	0.749	0.749	0.749	0.749	0.739	0.739	0.518
162.5	0.749	0.749	0.749	0.739	0.739	0.739	0.518
163.0	0.749	0.749	0.749	0.739	0.739	0.739	0.518
163.5	0.749	0.739	0.739	0.739	0.739	0.739	0.528
164.0	0.739	0.739	0.739	0.739	0.739	0.739	0.528
164.5	0.739	0.739	0.739	0.739	0.739	0.739	0.538
165.0	0.739	0.739	0.739	0.739	0.739	0.739	0.538
165.5	0.739	0.739	0.739	0.739	0.739	0.739	0.547
166.0	0.739	0.739	0.739	0.739	0.739	0.739	0.557
166.5	0.739	0.739	0.749	0.739	0.739	0.739	0.557
167.0	0.739	0.739	0.749	0.739	0.739	0.739	0.557
167.5	0.739	0.749	0.749	0.749	0.739	0.739	0.566
168.0	0.739	0.739	0.749	0.749	0.739	0.739	0.566
168.5	0.739	0.739	0.739	0.739	0.739	0.739	0.576
169.0	0.739	0.739	0.739	0.739	0.739	0.739	0.576
169.5	0.739	0.739	0.739	0.739	0.739	0.739	0.576
170.0	0.730	0.739	0.739	0.739	0.739	0.739	0.576
170.5	0.730	0.730	0.730	0.730	0.730	0.730	0.576
171.0	0.730	0.730	0.730	0.730	0.730	0.730	0.576
171.5	0.730	0.730	0.730	0.730	0.730	0.730	0.576
172.0	0.730	0.730	0.730	0.739	0.730	0.730	0.586
172.5	0.739	0.739	0.739	0.739	0.739	0.730	0.586
173.0	0.730	0.730	0.739	0.730	0.730	0.730	0.595
173.5	0.730	0.730	0.739	0.730	0.730	0.730	0.605
174.0	0.730	0.730	0.739	0.739	0.739	0.730	0.614
174.5	0.739	0.739	0.739	0.739	0.739	0.739	0.634
175.0	0.730	0.739	0.739	0.739	0.730	0.730	0.653
175.5	0.730	0.730	0.730	0.730	0.730	0.730	0.662
176.0	0.730	0.730	0.730	0.730	0.730	0.730	0.662
176.5	0.720	0.730	0.730	0.730	0.730	0.720	0.672
177.0	0.720	0.720	0.720	0.720	0.720	0.720	0.682
177.5	0.710	0.710	0.720	0.720	0.720	0.710	0.682
178.0	0.710	0.710	0.710	0.710	0.710	0.710	0.691
178.5	0.701	0.701	0.701	0.701	0.701	0.701	0.691
179.0	0.701	0.701	0.701	0.701	0.701	0.701	0.691
179.5	0.691	0.701	0.701	0.701	0.701	0.691	0.691

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**CANDELA TABULATION - (Cont.)**

180.0	0.682	0.682	0.682	0.682	0.682	0.682	0.682
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**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	304.07	N.A.	14.00
0-30	650.97	N.A.	30.00
0-40	1082.02	N.A.	49.80
0-60	1880.67	N.A.	86.60
0-80	2164.95	N.A.	99.60
0-90	2170.21	N.A.	99.90
10-90	2091.82	N.A.	96.30
20-40	777.95	N.A.	35.80
20-50	1215.91	N.A.	56.00
40-70	1014.44	N.A.	46.70
60-80	284.28	N.A.	13.10
70-80	68.48	N.A.	3.20
80-90	5.26	N.A.	0.20
90-110	1.02	N.A.	0.00
90-120	1.20	N.A.	0.10
90-130	1.44	N.A.	0.10
90-150	2.10	N.A.	0.10
90-180	2.64	N.A.	0.10
110-180	1.62	N.A.	0.10
0-180	2172.85	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	78.38
10-20	225.69
20-30	346.90
30-40	431.06
40-50	437.96
50-60	360.68
60-70	215.80
70-80	68.48
80-90	5.26
90-100	0.87
100-110	0.15
110-120	0.18
120-130	0.24
130-140	0.32
140-150	0.34
150-160	0.29
160-170	0.18
170-180	0.06

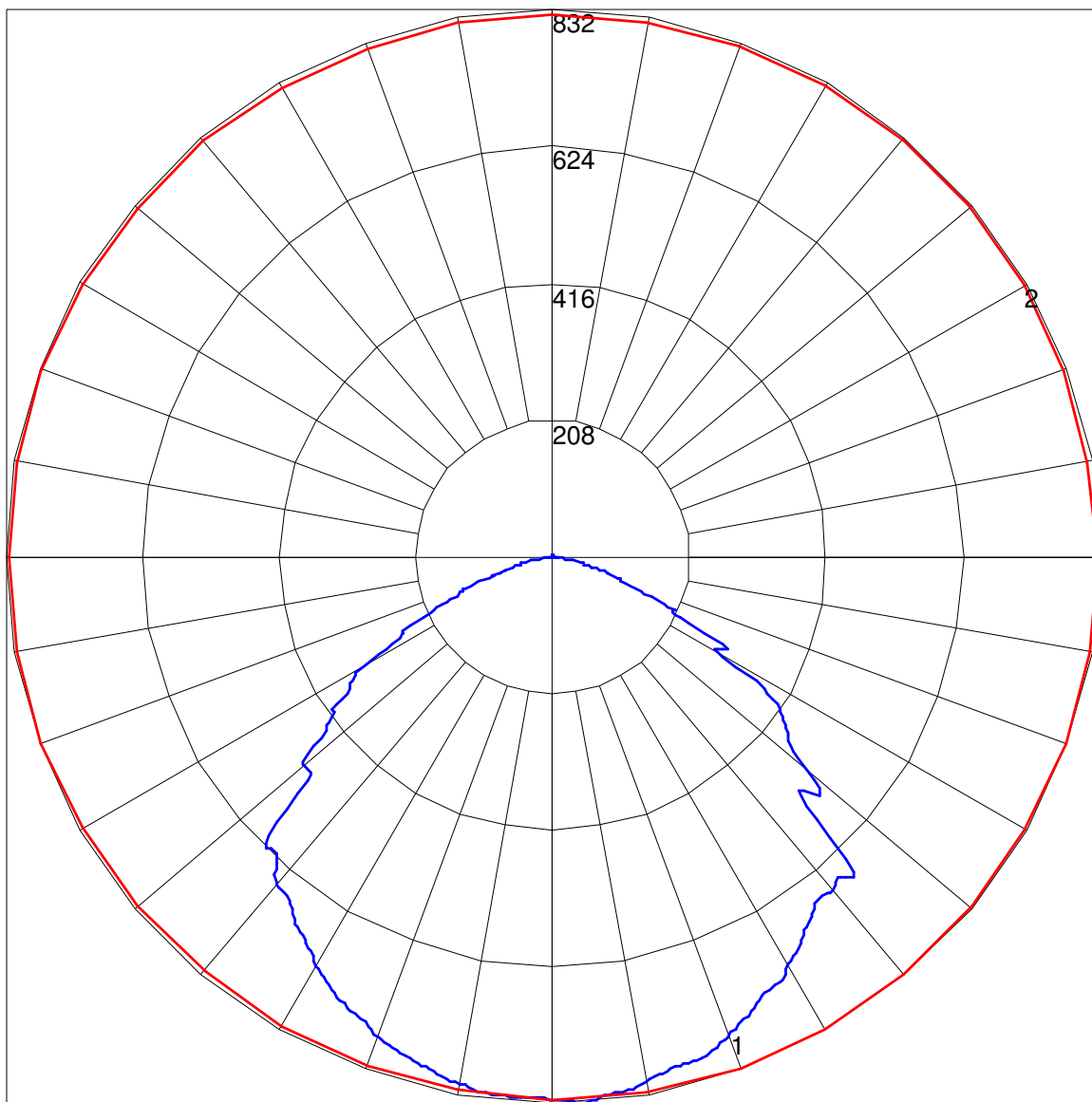
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : WPSQ-O-L22-840-BZ.IES**

**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	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	87	82	98	92	86	81	88	83	79	85	81	78	82	79	76	74
3	93	83	75	69	90	81	74	69	78	72	67	76	71	66	73	69	65	63
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	72	60	51	45	70	59	50	45	57	50	44	55	49	44	54	48	43	41
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	43	36	32	42	36	31	41	36	31	29
10	55	42	34	29	53	41	34	29	40	33	29	39	33	28	38	33	28	27

POLAR GRAPH



Maximum Candela = 831.638 Located At Horizontal Angle = 300, Vertical Angle = 3  
# 1 - Vertical Plane Through Horizontal Angles (300 - 120) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)