

# ESCO

## LIGHTING, INC.

IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

### DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995  
 [TEST] Q101105280  
 [DATE] 2010-11-05  
 [MANUFAC] ESCO LIGHTING INC  
 [LUMCAT] SP2824  
 [LUMINAIRE] SP2824 with 80W induction lamp  
 [LAMPCAT] 80W LVD-RECTANGULAR INDUCTION  
 [LAMP] 80W LVD-RECTANGULAR INDUCTION

### CHARACTERISTICS

IES Classification	Type I
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	6400 (1 lamp)
Total Lamp Lumens	6400
Luminaire Lumens	3052
Total Luminaire Efficiency	48 %
Downward Total Efficiency	48 %
Upward Waste Light Ratio	0.00
Maximum Candela	1420.144
Maximum Candela Angle	30H 7.5V
Maximum Candela At 90 Degrees Vertical	2.338 (0.0% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	90.793 (1.4% Lamp Lumens)
Total Luminaire Watts	92.6
Ballast Factor	1.00

### LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	538.9	8.4	17.7
FM - Front-Medium (30-60)	786.6	12.3	25.8
FH - Front-High (60-80)	135.1	2.1	4.4
FVH - Front-Very High (80-90)	3.3	0.1	0.1
BL - Back-Low (0-30)	476.6	7.4	15.6
BM - Back-Medium (30-60)	846.1	13.2	27.7
BH - Back-High (60-80)	244.5	3.8	8.0
BVH - Back-Very High (80-90)	11.0	0.2	0.4
UL - Uplight-Low (90-100)	1.7	0.0	0.1
UH - Uplight-High (100-180)	8.2	0.1	0.3
Total	3052.0	47.6	100.0
BUG Rating	B1-U1-G1		

IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0.0	2.5	5.0	7.5	10.0	12.5	15.0	17.5	20.0	22.5
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1388.386	1388.613	1388.840	1389.068	1389.295	1389.522	1389.750	1390.464	1391.178	1391.893
5.0	1409.038	1409.752	1410.467	1411.181	1411.895	1412.610	1413.324	1413.714	1414.103	1414.493
7.5	1416.442	1416.896	1417.351	1417.806	1418.260	1418.715	1419.170	1419.332	1419.494	1419.657
10.0	1404.752	1405.921	1407.090	1408.259	1409.428	1410.597	1411.766	1411.896	1412.026	1412.156
12.5	1386.633	1387.607	1388.581	1389.555	1390.529	1391.503	1392.478	1392.965	1393.452	1393.939
15.0	1354.874	1356.758	1358.641	1360.525	1362.408	1364.292	1366.175	1366.565	1366.954	1367.344
17.5	1298.178	1301.100	1304.023	1306.945	1309.868	1312.790	1315.713	1318.473	1321.233	1323.993
20.0	1234.857	1238.299	1241.741	1245.183	1248.625	1252.067	1255.509	1259.016	1262.523	1266.030
22.5	1164.717	1167.964	1171.211	1174.458	1177.706	1180.953	1184.200	1189.006	1193.812	1198.618
25.0	1097.694	1101.331	1104.968	1108.605	1112.241	1115.878	1119.515	1124.386	1129.257	1134.128
27.5	1034.763	1037.945	1041.127	1044.309	1047.492	1050.674	1053.856	1058.987	1064.117	1069.248
30.0	971.831	975.013	978.196	981.378	984.560	987.743	990.925	995.536	1000.147	1004.758
32.5	907.731	911.173	914.615	918.057	921.499	924.941	928.383	932.897	937.410	941.924
35.0	838.565	842.527	846.488	850.450	854.411	858.373	862.334	867.595	872.855	878.116
37.5	767.841	772.029	776.218	780.407	784.596	788.785	792.974	798.981	804.989	810.996
40.0	693.998	698.479	702.960	707.442	711.923	716.404	720.885	728.224	735.563	742.902
42.5	615.480	621.455	627.430	633.405	639.380	645.355	651.330	659.155	666.981	674.807
45.0	539.690	545.795	551.899	558.004	564.109	570.213	576.318	585.410	594.503	603.595
47.5	465.263	471.693	478.122	484.552	490.981	497.411	503.841	513.257	522.674	532.091
50.0	393.564	399.929	406.293	412.658	419.023	425.387	431.752	440.325	448.897	457.470
52.5	328.880	334.952	341.024	347.097	353.169	359.241	365.314	373.561	381.809	390.057
55.0	273.936	278.807	283.678	288.549	293.419	298.290	303.161	310.110	317.059	324.009
57.5	223.279	227.663	232.047	236.431	240.815	245.199	249.582	255.103	260.623	266.143
60.0	175.740	179.117	182.494	185.872	189.249	192.626	196.003	201.069	206.134	211.200
62.5	133.461	135.734	138.007	140.280	142.553	144.826	147.100	151.353	155.607	159.861
65.0	94.689	96.313	97.936	99.560	101.184	102.807	104.431	108.068	111.705	115.342
67.5	58.645	60.236	61.827	63.419	65.010	66.601	68.192	71.017	73.842	76.667
70.0	28.056	29.225	30.394	31.563	32.732	33.901	35.070	37.603	40.136	42.669
72.5	19.289	19.516	19.743	19.970	20.198	20.425	20.652	21.107	21.561	22.016
75.0	13.638	13.833	14.028	14.223	14.417	14.612	14.807	14.807	14.807	14.807
77.5	8.768	8.962	9.157	9.352	9.547	9.742	9.937	9.937	9.937	9.937
80.0	5.455	5.585	5.715	5.845	5.975	6.105	6.235	6.170	6.105	6.040
82.5	3.312	3.345	3.377	3.410	3.442	3.475	3.507	3.507	3.507	3.507
85.0	2.338	2.338	2.338	2.338	2.338	2.338	2.338	2.273	2.208	2.143
87.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
95.0	1.169	1.234	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
100.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
107.5	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.527	1.494	1.462
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
120.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
122.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.689	1.624	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.527	1.494	1.462
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

132.5	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494	1.429	1.364
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.721	1.689	1.656
160.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
162.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.689	1.624	1.559
165.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
167.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
172.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656
175.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
177.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles

	<u>25.0</u>	<u>27.5</u>	<u>30.0</u>	<u>32.5</u>	<u>35.0</u>	<u>37.5</u>	<u>40.0</u>	<u>42.5</u>	<u>45.0</u>	<u>47.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1392.607	1393.322	1394.036	1392.964	1391.893	1390.821	1389.750	1388.678	1387.607	1387.184
5.0	1414.883	1415.272	1415.662	1414.168	1412.675	1411.181	1409.687	1408.194	1406.700	1404.947
7.5	1419.819	1419.982	1420.144	1419.332	1418.520	1417.708	1416.896	1416.084	1415.273	1413.324
10.0	1412.285	1412.415	1412.545	1412.610	1412.675	1412.740	1412.805	1412.870	1412.935	1411.896
12.5	1394.426	1394.913	1395.400	1396.471	1397.543	1398.614	1399.686	1400.757	1401.829	1401.732
15.0	1367.734	1368.123	1368.513	1371.111	1373.708	1376.306	1378.904	1381.501	1384.099	1384.878
17.5	1326.753	1329.513	1332.274	1336.495	1340.716	1344.938	1349.159	1353.381	1357.602	1359.615
20.0	1269.537	1273.044	1276.551	1284.474	1292.398	1300.321	1308.244	1316.168	1324.091	1327.143
22.5	1203.424	1208.230	1213.036	1223.719	1234.402	1245.086	1255.769	1266.452	1277.136	1282.071
25.0	1138.998	1143.869	1148.740	1160.625	1172.510	1184.395	1196.279	1208.164	1220.049	1227.453
27.5	1074.378	1079.509	1084.640	1096.784	1108.929	1121.074	1133.219	1145.363	1157.508	1167.477
30.0	1009.369	1013.980	1018.591	1031.060	1043.530	1055.999	1068.468	1080.938	1093.407	1105.032
32.5	946.438	950.951	955.465	967.252	979.040	990.827	1002.615	1014.402	1026.190	1039.471
35.0	883.377	888.637	893.898	905.068	916.239	927.409	938.579	949.750	960.920	974.883
37.5	817.003	823.011	829.018	840.253	851.489	862.724	873.960	885.195	896.431	910.718
40.0	750.240	757.579	764.918	775.894	786.869	797.845	808.820	819.796	830.771	844.994
42.5	682.633	690.459	698.285	710.104	721.924	733.744	745.564	757.384	769.204	782.810
45.0	612.687	621.780	630.872	642.952	655.031	667.111	679.191	691.270	703.350	716.729
47.5	541.508	550.925	560.342	573.169	585.995	598.822	611.648	624.475	637.302	650.031
50.0	466.043	474.615	483.188	497.606	512.023	526.441	540.859	555.276	569.694	581.904
52.5	398.305	406.553	414.801	429.154	443.507	457.860	472.212	486.565	500.918	512.543
55.0	330.958	337.907	344.856	358.754	372.652	386.551	400.449	414.347	428.245	439.935
57.5	271.663	277.183	282.703	295.368	308.032	320.696	333.361	346.025	358.689	370.282
60.0	216.266	221.331	226.397	237.308	248.218	259.129	270.040	280.950	291.861	303.876
62.5	164.115	168.369	172.623	182.234	191.846	201.458	211.070	220.682	230.294	241.626
65.0	118.978	122.615	126.252	134.565	142.878	151.191	159.504	167.817	176.130	186.261
67.5	79.492	82.317	85.143	92.124	99.106	106.087	113.069	120.050	127.032	136.156
70.0	45.201	47.734	50.267	56.112	61.957	67.802	73.647	79.492	85.337	93.325
72.5	22.471	22.925	23.380	27.861	32.342	36.824	41.305	45.786	50.267	56.891
75.0	14.807	14.807	14.807	16.106	17.405	18.704	20.003	21.302	22.601	27.732
77.5	9.937	9.937	9.937	10.424	10.911	11.398	11.885	12.372	12.859	15.132



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

80.0	5.975	5.910	5.845	6.105	6.365	6.625	6.884	7.144	7.404	8.118
82.5	3.507	3.507	3.507	3.604	3.702	3.799	3.897	3.994	4.092	4.319
85.0	2.078	2.013	1.948	2.013	2.078	2.143	2.208	2.273	2.338	2.403
87.5	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.754
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494
97.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
100.0	1.559	1.559	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494
107.5	1.429	1.397	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.494	1.429	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.429	1.397	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.299	1.234	1.169	1.299	1.429	1.559	1.688	1.818	1.948	1.883
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624
147.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624
157.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
160.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.494	1.429	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
167.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
172.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.591
175.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.689	1.721	1.754	1.689	1.624	1.559	1.494	1.429	1.364	1.397
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles

Angles	50.0	52.5	55.0	57.5	60.0	62.5	65.0	67.5	70.0	72.5
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1386.762	1386.340	1385.918	1385.496	1385.074	1383.158	1381.242	1379.326	1377.410	1375.494
5.0	1403.193	1401.440	1399.686	1397.933	1396.179	1393.451	1390.724	1387.996	1385.268	1382.541
7.5	1411.376	1409.428	1407.479	1405.531	1403.583	1400.563	1397.543	1394.523	1391.503	1388.483
10.0	1410.857	1409.818	1408.778	1407.739	1406.700	1403.778	1400.855	1397.933	1395.010	1392.088
12.5	1401.634	1401.537	1401.440	1401.342	1401.245	1398.517	1395.790	1393.062	1390.334	1387.607
15.0	1385.658	1386.437	1387.216	1387.996	1388.775	1387.216	1385.658	1384.099	1382.540	1380.982
17.5	1361.629	1363.642	1365.655	1367.668	1369.682	1369.422	1369.162	1368.902	1368.643	1368.383
20.0	1330.196	1333.248	1336.300	1339.353	1342.405	1343.055	1343.704	1344.354	1345.003	1345.653
22.5	1287.007	1291.943	1296.879	1301.814	1306.750	1308.276	1309.803	1311.329	1312.855	1314.381
25.0	1234.856	1242.260	1249.664	1257.067	1264.471	1267.264	1270.056	1272.849	1275.642	1278.434



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : SP2824.IES**

**CANDELA TABULATION - (Cont.)**

27.5	1177.446	1187.415	1197.384	1207.353	1217.322	1221.511	1225.700	1229.889	1234.078	1238.267
30.0	1116.657	1128.283	1139.908	1151.533	1163.158	1169.782	1176.407	1183.031	1189.655	1196.280
32.5	1052.752	1066.033	1079.315	1092.596	1105.877	1114.190	1122.503	1130.816	1139.129	1147.442
35.0	988.846	1002.810	1016.773	1030.736	1044.699	1055.415	1066.131	1076.847	1087.562	1098.278
37.5	925.006	939.294	953.582	967.870	982.158	995.309	1008.460	1021.611	1034.763	1047.914
40.0	859.217	873.440	887.663	901.886	916.109	931.371	946.633	961.895	977.156	992.418
42.5	796.416	810.022	823.627	837.233	850.839	867.400	883.961	900.522	917.083	933.644
45.0	730.107	743.486	756.865	770.243	783.622	800.702	817.783	834.863	851.943	869.024
47.5	662.760	675.489	688.218	700.947	713.676	730.302	746.928	763.554	780.180	796.806
50.0	594.113	606.323	618.533	630.742	642.952	658.863	674.775	690.686	706.597	722.509
52.5	524.168	535.793	547.418	559.043	570.669	586.158	601.647	617.136	632.626	648.115
55.0	451.625	463.315	475.005	486.695	498.385	513.452	528.519	543.587	558.654	573.721
57.5	381.874	393.467	405.059	416.652	428.244	443.149	458.054	472.959	487.864	502.769
60.0	315.891	327.906	339.920	351.935	363.950	377.588	391.227	404.865	418.503	432.142
62.5	252.959	264.292	275.625	286.958	298.291	312.156	326.022	339.888	353.754	367.619
65.0	196.393	206.524	216.655	226.787	236.918	250.556	264.195	277.833	291.471	305.110
67.5	145.281	154.406	163.531	172.655	181.780	194.801	207.823	220.844	233.866	246.887
70.0	101.313	109.302	117.290	125.278	133.266	145.021	156.776	168.531	180.286	192.041
72.5	63.516	70.140	76.765	83.389	90.014	100.242	110.471	120.700	130.929	141.157
75.0	32.862	37.993	43.123	48.254	53.384	61.567	69.750	77.934	86.117	94.300
77.5	17.405	19.678	21.951	24.224	26.497	32.342	38.187	44.032	49.877	55.722
80.0	8.833	9.547	10.261	10.976	11.690	15.002	18.314	21.627	24.939	28.251
82.5	4.546	4.774	5.001	5.228	5.456	6.949	8.443	9.937	11.430	12.924
85.0	2.468	2.533	2.598	2.663	2.728	3.118	3.507	3.897	4.287	4.676
87.5	1.754	1.754	1.754	1.754	1.754	1.786	1.818	1.851	1.883	1.916
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.559	1.559	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397
95.0	1.429	1.364	1.299	1.234	1.169	1.234	1.299	1.364	1.429	1.494
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.429	1.364	1.299	1.234	1.169	1.234	1.299	1.364	1.429	1.494
107.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559
120.0	1.559	1.559	1.559	1.559	1.559	1.494	1.429	1.364	1.299	1.234
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.818	1.754	1.689	1.624	1.559	1.624	1.689	1.754	1.818	1.883
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
145.0	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624
147.5	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883
152.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
155.0	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624
157.5	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

167.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
172.5	1.624	1.656	1.689	1.721	1.754	1.754	1.754	1.754	1.754	1.754
175.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559	1.559	1.559
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles  
 Angles

	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1373.579	1371.793	1370.007	1368.221	1366.435	1364.649	1362.863	1359.388	1355.913	1352.439
5.0	1379.813	1376.696	1373.578	1370.461	1367.344	1364.226	1361.109	1355.329	1349.549	1343.769
7.5	1385.463	1381.307	1377.150	1372.994	1368.837	1364.681	1360.525	1352.601	1344.678	1336.755
10.0	1389.165	1383.775	1378.384	1372.994	1367.604	1362.213	1356.823	1346.237	1335.651	1325.065
12.5	1384.879	1379.066	1373.254	1367.441	1361.629	1355.816	1350.004	1337.209	1324.415	1311.621
15.0	1379.423	1372.864	1366.304	1359.745	1353.186	1346.626	1340.067	1325.065	1310.063	1295.061
17.5	1368.123	1360.752	1353.381	1346.010	1338.638	1331.267	1323.896	1307.043	1290.190	1273.337
20.0	1346.302	1338.574	1330.845	1323.117	1315.388	1307.660	1299.931	1281.422	1262.913	1244.404
22.5	1315.908	1307.984	1300.061	1292.138	1284.215	1276.291	1268.368	1248.527	1228.687	1208.846
25.0	1281.227	1273.304	1265.381	1257.458	1249.534	1241.611	1233.688	1212.971	1192.253	1171.536
27.5	1242.456	1235.084	1227.713	1220.342	1212.971	1205.599	1198.228	1176.764	1155.300	1133.835
30.0	1202.904	1195.500	1188.097	1180.693	1173.289	1165.886	1158.482	1137.180	1115.878	1094.577
32.5	1155.755	1149.292	1142.830	1136.368	1129.906	1123.444	1116.982	1096.005	1075.028	1054.051
35.0	1108.994	1103.084	1097.174	1091.264	1085.354	1079.444	1073.534	1052.297	1031.060	1009.824
37.5	1061.065	1055.545	1050.024	1044.504	1038.984	1033.463	1027.943	1007.226	986.509	965.791
40.0	1007.680	1002.550	997.419	992.289	987.158	982.028	976.897	957.284	937.670	918.057
42.5	950.205	945.756	941.307	936.858	932.410	927.961	923.512	904.873	886.234	867.595
45.0	886.104	882.272	878.441	874.609	870.777	866.946	863.114	846.099	829.083	812.068
47.5	813.432	811.191	808.950	806.710	804.469	802.228	799.988	784.141	768.295	752.448
50.0	738.420	737.446	736.472	735.498	734.523	733.549	732.575	718.352	704.129	689.907
52.5	663.604	663.864	664.124	664.384	664.643	664.903	665.163	652.336	639.510	626.683
55.0	588.788	590.412	592.035	593.659	595.282	596.906	598.529	586.839	575.149	563.459
57.5	517.673	520.206	522.739	525.272	527.805	530.338	532.870	523.129	513.387	503.645
60.0	445.780	449.742	453.703	457.665	461.627	465.588	469.550	461.367	453.184	445.001
62.5	381.485	386.421	391.356	396.292	401.228	406.163	411.099	404.085	397.071	390.057
65.0	318.748	324.463	330.178	335.894	341.609	347.324	353.039	347.649	342.258	336.868
67.5	259.909	265.916	271.923	277.931	283.938	289.945	295.953	291.796	287.640	283.483
70.0	203.796	210.161	216.525	222.890	229.255	235.619	241.984	238.542	235.100	231.658
72.5	151.386	158.010	164.635	171.259	177.883	184.508	191.132	187.755	184.378	181.001
75.0	102.483	108.848	115.212	121.577	127.941	134.306	140.670	137.358	134.046	130.734
77.5	61.568	66.698	71.829	76.960	82.090	87.221	92.352	89.429	86.507	83.584
80.0	31.563	35.070	38.577	42.084	45.591	49.098	52.605	50.137	47.669	45.202
82.5	14.418	15.976	17.535	19.094	20.653	22.211	23.770	22.633	21.497	20.360
85.0	5.066	5.521	5.975	6.430	6.884	7.339	7.793	7.468	7.144	6.819
87.5	1.948	1.981	2.013	2.046	2.078	2.111	2.143	2.111	2.078	2.046
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494	1.429	1.364
92.5	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
100.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397	1.429	1.462
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : SP2824.IES**

**CANDELA TABULATION - (Cont.)**

115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.689	1.624	1.559
120.0	1.169	1.299	1.429	1.559	1.688	1.818	1.948	1.948	1.948	1.948
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
137.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
140.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
142.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.948	1.948	1.948	1.948	1.948	1.948	1.948	1.883	1.818	1.754
152.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
155.0	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234	1.299	1.364
157.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754
162.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
167.5	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.721	1.689	1.656
170.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.948	1.948	1.948
172.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
175.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

**Vert. Horizontal Angles**

	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>	<u>117.5</u>	<u>120.0</u>	<u>122.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1348.964	1345.490	1342.015	1339.774	1337.534	1335.293	1333.053	1330.812	1328.572	1324.707
5.0	1337.989	1332.209	1326.429	1322.467	1318.506	1314.544	1310.582	1306.621	1302.659	1296.749
7.5	1328.832	1320.908	1312.985	1305.906	1298.827	1291.748	1284.669	1277.590	1270.511	1262.848
10.0	1314.479	1303.893	1293.307	1284.410	1275.512	1266.615	1257.717	1248.820	1239.922	1231.609
12.5	1298.827	1286.033	1273.239	1262.978	1252.717	1242.455	1232.194	1221.933	1211.672	1204.658
15.0	1280.058	1265.056	1250.054	1239.728	1229.402	1219.076	1208.749	1198.423	1188.097	1181.797
17.5	1256.483	1239.630	1222.777	1213.165	1203.553	1193.942	1184.330	1174.718	1165.106	1159.391
20.0	1225.894	1207.385	1188.876	1181.083	1173.289	1165.496	1157.703	1149.909	1142.116	1136.531
22.5	1189.006	1169.165	1149.325	1142.635	1135.946	1129.257	1122.568	1115.878	1109.189	1105.357
25.0	1150.819	1130.101	1109.384	1104.059	1098.733	1093.408	1088.082	1082.757	1077.431	1074.574
27.5	1112.371	1090.907	1069.443	1064.312	1059.181	1054.051	1048.920	1043.790	1038.659	1036.938
30.0	1073.275	1051.973	1030.671	1026.255	1021.838	1017.422	1013.006	1008.589	1004.173	1002.225
32.5	1033.074	1012.097	991.120	986.801	982.482	978.163	973.844	969.525	965.207	963.193
35.0	988.587	967.350	946.113	942.801	939.489	936.177	932.864	929.552	926.240	924.227
37.5	945.074	924.357	903.640	900.717	897.795	894.872	891.950	889.027	886.105	884.124
40.0	898.444	878.830	859.217	856.814	854.411	852.008	849.605	847.202	844.799	842.981
42.5	848.956	830.317	811.678	810.249	808.820	807.392	805.963	804.534	803.105	802.975
45.0	795.052	778.037	761.021	760.696	760.372	760.047	759.722	759.398	759.073	760.307
47.5	736.602	720.755	704.909	706.370	707.831	709.293	710.754	712.215	713.676	714.780
50.0	675.684	661.461	647.238	649.446	651.654	653.863	656.071	658.279	660.487	660.942
52.5	613.857	601.030	588.204	591.970	595.737	599.504	603.271	607.037	610.804	609.992
55.0	551.769	540.079	528.389	533.650	538.910	544.171	549.431	554.692	559.952	558.458
57.5	493.904	484.162	474.420	479.129	483.837	488.546	493.254	497.962	502.671	501.892
60.0	436.817	428.634	420.451	423.049	425.647	428.245	430.842	433.440	436.038	436.947



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

62.5	383.043	376.029	369.016	370.152	371.289	372.425	373.562	374.698	375.835	376.549
65.0	331.477	326.087	320.696	320.371	320.047	319.722	319.397	319.073	318.748	319.268
67.5	279.327	275.170	271.014	269.780	268.546	267.312	266.078	264.844	263.610	263.578
70.0	228.215	224.773	221.331	219.772	218.214	216.655	215.096	213.538	211.979	211.330
72.5	177.623	174.246	170.869	169.440	168.012	166.583	165.154	163.725	162.297	161.745
75.0	127.421	124.109	120.797	119.498	118.199	116.901	115.602	114.303	113.004	113.459
77.5	80.662	77.739	74.817	74.232	73.647	73.063	72.478	71.894	71.309	72.673
80.0	42.734	40.266	37.798	38.058	38.317	38.577	38.837	39.096	39.356	40.525
82.5	19.224	18.087	16.951	17.145	17.340	17.535	17.730	17.925	18.120	18.412
85.0	6.494	6.170	5.845	5.910	5.975	6.040	6.105	6.170	6.235	6.365
87.5	2.013	1.981	1.949	2.078	2.208	2.338	2.468	2.598	2.728	2.695
90.0	1.299	1.234	1.169	1.234	1.299	1.364	1.429	1.494	1.559	1.559
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
97.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
100.0	1.559	1.559	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.527
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.494	1.527	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.494	1.429	1.364	1.364	1.364	1.364	1.364	1.364	1.364	1.429
120.0	1.948	1.948	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559
122.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
130.0	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
137.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.689	1.624	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883
152.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.429
155.0	1.429	1.494	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883
157.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
160.0	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559
162.5	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
167.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
170.0	1.948	1.948	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.624
172.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
175.0	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.948
177.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles  
 Angles

	<u>125.0</u>	<u>127.5</u>	<u>130.0</u>	<u>132.5</u>	<u>135.0</u>	<u>137.5</u>	<u>140.0</u>	<u>142.5</u>	<u>145.0</u>	<u>147.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1320.843	1316.979	1313.115	1309.251	1305.387	1304.347	1303.308	1302.269	1301.230	1300.191
5.0	1290.839	1284.929	1279.019	1273.109	1267.199	1264.536	1261.874	1259.211	1256.548	1253.886
7.5	1255.184	1247.521	1239.857	1232.194	1224.531	1220.504	1216.478	1212.451	1208.425	1204.398



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

10.0	1223.296	1214.984	1206.671	1198.358	1190.045	1186.603	1183.161	1179.719	1176.277	1172.835
12.5	1197.644	1190.630	1183.616	1176.602	1169.588	1166.048	1162.508	1158.969	1155.429	1151.890
15.0	1175.498	1169.198	1162.898	1156.599	1150.299	1146.532	1142.765	1138.999	1135.232	1131.465
17.5	1153.676	1147.961	1142.245	1136.530	1130.815	1127.178	1123.541	1119.905	1116.268	1112.631
20.0	1130.945	1125.360	1119.775	1114.189	1108.604	1105.682	1102.759	1099.837	1096.914	1093.992
22.5	1101.526	1097.694	1093.862	1090.030	1086.199	1083.958	1081.717	1079.477	1077.236	1074.996
25.0	1071.716	1068.859	1066.001	1063.144	1060.286	1058.597	1056.909	1055.220	1053.531	1051.843
27.5	1035.217	1033.496	1031.775	1030.054	1028.333	1026.904	1025.475	1024.047	1022.618	1021.189
30.0	1000.277	998.329	996.380	994.432	992.484	992.094	991.704	991.315	990.925	990.535
32.5	961.180	959.167	957.154	955.140	953.127	953.387	953.647	953.906	954.166	954.426
35.0	922.213	920.200	918.187	916.173	914.160	914.095	914.030	913.966	913.901	913.836
37.5	882.143	880.162	878.181	876.200	874.220	876.200	878.181	880.162	882.143	884.123
40.0	841.162	839.344	837.526	835.707	833.889	836.032	838.175	840.319	842.462	844.605
42.5	802.845	802.715	802.585	802.455	802.326	801.709	801.092	800.475	799.858	799.241
45.0	761.541	762.775	764.008	765.242	766.476	763.099	759.722	756.345	752.968	749.591
47.5	715.884	716.988	718.092	719.196	720.301	717.378	714.456	711.533	708.611	705.688
50.0	661.396	661.851	662.305	662.760	663.214	663.409	663.604	663.799	663.993	664.188
52.5	609.180	608.369	607.557	606.745	605.933	608.953	611.973	614.993	618.013	621.033
55.0	556.965	555.471	553.977	552.484	550.990	555.666	560.342	565.018	569.694	574.370
57.5	501.112	500.333	499.554	498.775	497.995	503.678	509.361	515.043	520.726	526.408
60.0	437.856	438.766	439.675	440.584	441.493	446.559	451.625	456.691	461.756	466.822
62.5	377.263	377.978	378.692	379.407	380.121	385.609	391.097	396.584	402.072	407.560
65.0	319.787	320.307	320.826	321.346	321.865	326.411	330.957	335.504	340.050	344.596
67.5	263.545	263.513	263.480	263.448	263.416	267.117	270.819	274.521	278.223	281.925
70.0	210.680	210.031	209.382	208.732	208.083	211.460	214.837	218.214	221.591	224.968
72.5	161.193	160.641	160.089	159.537	158.985	161.972	164.960	167.947	170.935	173.922
75.0	113.913	114.368	114.822	115.277	115.731	119.368	123.005	126.642	130.279	133.916
77.5	74.037	75.401	76.765	78.129	79.493	83.227	86.961	90.695	94.430	98.164
80.0	41.694	42.863	44.032	45.201	46.370	49.552	52.735	55.917	59.099	62.282
82.5	18.704	18.996	19.289	19.581	19.873	22.373	24.874	27.374	29.874	32.375
85.0	6.495	6.625	6.754	6.884	7.014	8.118	9.222	10.326	11.430	12.534
87.5	2.663	2.630	2.598	2.565	2.533	2.728	2.923	3.118	3.312	3.507
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.494	1.462	1.429	1.397	1.364	1.397	1.429	1.462	1.494	1.527
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.494	1.559	1.624	1.689	1.754	1.721	1.689	1.656	1.624	1.591
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591
145.0	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : SP2824.IES**

**CANDELA TABULATION - (Cont.)**

150.0	1.818	1.754	1.689	1.624	1.559	1.494	1.429	1.364	1.299	1.234
152.5	1.494	1.559	1.624	1.689	1.754	1.721	1.689	1.656	1.624	1.591
155.0	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
167.5	1.624	1.656	1.689	1.721	1.754	1.689	1.624	1.559	1.494	1.429
170.0	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624
172.5	1.624	1.656	1.689	1.721	1.754	1.786	1.818	1.851	1.883	1.916
175.0	1.948	1.948	1.948	1.948	1.948	1.883	1.818	1.754	1.689	1.624
177.5	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

**Vert. Angles**

**Horizontal Angles**

	<u>150.0</u>	<u>152.5</u>	<u>155.0</u>	<u>157.5</u>	<u>160.0</u>	<u>162.5</u>	<u>165.0</u>	<u>167.5</u>	<u>170.0</u>	<u>172.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1299.152	1296.684	1294.216	1291.748	1289.280	1286.812	1284.345	1286.585	1288.826	1291.067
5.0	1251.223	1247.456	1243.689	1239.923	1236.156	1232.389	1228.622	1230.116	1231.609	1233.103
7.5	1200.372	1197.124	1193.877	1190.630	1187.382	1184.135	1180.888	1181.927	1182.966	1184.005
10.0	1169.393	1166.795	1164.197	1161.600	1159.002	1156.404	1153.806	1154.326	1154.845	1155.365
12.5	1148.350	1145.590	1142.830	1140.070	1137.310	1134.550	1131.790	1132.114	1132.439	1132.764
15.0	1127.698	1125.100	1122.502	1119.905	1117.307	1114.709	1112.111	1112.241	1112.371	1112.501
17.5	1108.994	1106.624	1104.253	1101.883	1099.512	1097.142	1094.771	1095.096	1095.421	1095.745
20.0	1091.069	1089.121	1087.172	1085.224	1083.276	1081.327	1079.379	1079.834	1080.288	1080.743
22.5	1072.755	1070.060	1067.365	1064.669	1061.974	1059.279	1056.584	1056.843	1057.103	1057.363
25.0	1050.154	1046.193	1042.231	1038.270	1034.308	1030.347	1026.385	1027.164	1027.944	1028.723
27.5	1019.760	1016.123	1012.486	1008.849	1005.212	1001.575	997.939	998.848	999.757	1000.666
30.0	990.145	987.093	984.040	980.988	977.936	974.883	971.831	972.156	972.480	972.805
32.5	954.686	951.698	948.711	945.723	942.736	939.748	936.761	938.125	939.489	940.853
35.0	913.771	913.901	914.031	914.161	914.290	914.420	914.550	915.329	916.109	916.888
37.5	886.104	884.253	882.402	880.551	878.700	876.849	874.999	875.551	876.103	876.655
40.0	846.748	842.592	838.435	834.279	830.122	825.966	821.809	821.874	821.939	822.004
42.5	798.624	794.857	791.090	787.323	783.557	779.790	776.023	776.608	777.192	777.777
45.0	746.214	744.720	743.226	741.733	740.239	738.745	737.251	738.485	739.719	740.953
47.5	702.766	703.188	703.610	704.032	704.454	704.876	705.299	706.857	708.416	709.975
50.0	664.383	665.747	667.111	668.475	669.838	671.202	672.566	674.385	676.203	678.022
52.5	624.053	626.261	628.469	630.677	632.885	635.093	637.302	639.088	640.874	642.660
55.0	579.046	581.254	583.462	585.671	587.879	590.087	592.295	593.464	594.633	595.802
57.5	532.091	532.546	533.000	533.455	533.909	534.364	534.818	536.052	537.286	538.520
60.0	471.888	472.602	473.317	474.031	474.745	475.460	476.174	477.408	478.642	479.876
62.5	413.048	413.535	414.022	414.509	414.996	415.483	415.970	416.619	417.269	417.918
65.0	349.142	349.402	349.662	349.922	350.181	350.441	350.701	351.545	352.390	353.234
67.5	285.627	287.055	288.484	289.913	291.342	292.770	294.199	295.433	296.667	297.901
70.0	228.345	230.878	233.411	235.944	238.476	241.009	243.542	245.036	246.530	248.024
72.5	176.910	179.864	182.819	185.774	188.729	191.684	194.639	195.808	196.977	198.146
75.0	137.553	140.865	144.177	147.490	150.802	154.114	157.426	158.530	159.634	160.738
77.5	101.898	105.113	108.328	111.543	114.757	117.972	121.187	122.778	124.369	125.960
80.0	65.464	68.387	71.309	74.232	77.154	80.077	82.999	84.298	85.597	86.896
82.5	34.875	36.856	38.837	40.818	42.798	44.779	46.760	48.319	49.877	51.436
85.0	13.638	14.417	15.197	15.976	16.755	17.535	18.314	19.223	20.133	21.042
87.5	3.702	3.670	3.637	3.605	3.572	3.540	3.507	3.929	4.351	4.774
90.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.948	1.948	1.948
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494	1.429	1.364
100.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
120.0	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234	1.299	1.364
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
137.5	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397	1.429	1.462
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
145.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
147.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
150.0	1.169	1.234	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559
152.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.721	1.689	1.656
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754
167.5	1.364	1.429	1.494	1.559	1.624	1.689	1.754	1.721	1.689	1.656
170.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
172.5	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
175.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles

	<u>175.0</u>	<u>177.5</u>	<u>180.0</u>	<u>182.5</u>	<u>185.0</u>	<u>187.5</u>	<u>190.0</u>	<u>192.5</u>	<u>195.0</u>	<u>197.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1293.307	1295.548	1297.789	1298.276	1298.763	1299.250	1299.737	1300.224	1300.711	1303.795
5.0	1234.597	1236.090	1237.584	1238.818	1240.052	1241.286	1242.520	1243.754	1244.988	1248.690
7.5	1185.044	1186.083	1187.123	1187.837	1188.551	1189.266	1189.980	1190.695	1191.409	1195.793
10.0	1155.884	1156.404	1156.923	1157.962	1159.001	1160.041	1161.080	1162.119	1163.158	1166.600
12.5	1133.088	1133.413	1133.738	1135.166	1136.595	1138.024	1139.453	1140.882	1142.311	1145.395
15.0	1112.631	1112.761	1112.891	1113.865	1114.839	1115.814	1116.788	1117.762	1118.736	1122.763
17.5	1096.070	1096.395	1096.720	1097.694	1098.668	1099.642	1100.616	1101.590	1102.565	1105.682
20.0	1081.198	1081.652	1082.107	1082.692	1083.276	1083.861	1084.445	1085.030	1085.614	1088.861
22.5	1057.623	1057.883	1058.143	1059.214	1060.286	1061.357	1062.429	1063.500	1064.572	1067.917
25.0	1029.502	1030.282	1031.061	1032.035	1033.009	1033.984	1034.958	1035.932	1036.906	1041.517
27.5	1001.576	1002.485	1003.394	1004.303	1005.213	1006.122	1007.031	1007.940	1008.850	1013.103
30.0	973.130	973.454	973.779	974.883	975.987	977.092	978.196	979.300	980.404	983.976
32.5	942.216	943.580	944.944	945.658	946.373	947.087	947.802	948.516	949.231	952.510
35.0	917.667	918.447	919.226	920.200	921.174	922.149	923.123	924.097	925.071	926.240
37.5	877.207	877.759	878.311	879.707	881.104	882.500	883.896	885.292	886.689	888.994
40.0	822.069	822.134	822.199	823.368	824.537	825.706	826.875	828.044	829.213	835.123
42.5	778.361	778.946	779.531	779.855	780.180	780.505	780.829	781.154	781.479	786.836



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

45.0	742.187	743.421	744.655	744.330	744.006	743.681	743.356	743.032	742.707	745.110
47.5	711.533	713.092	714.651	713.904	713.157	712.410	711.663	710.916	710.169	710.267
50.0	679.840	681.659	683.477	682.503	681.529	680.555	679.580	678.606	677.632	676.528
52.5	644.446	646.232	648.018	647.173	646.329	645.485	644.640	643.796	642.952	641.198
55.0	596.971	598.140	599.309	599.504	599.699	599.894	600.088	600.283	600.478	598.725
57.5	539.754	540.988	542.222	542.352	542.482	542.612	542.742	542.872	543.002	542.904
60.0	481.110	482.344	483.578	483.643	483.708	483.773	483.837	483.902	483.967	484.292
62.5	418.568	419.217	419.867	420.776	421.685	422.594	423.504	424.413	425.322	425.517
65.0	354.078	354.923	355.767	356.416	357.066	357.715	358.364	359.014	359.663	360.767
67.5	299.135	300.369	301.603	301.570	301.538	301.505	301.473	301.440	301.408	301.700
70.0	249.517	251.011	252.505	251.791	251.076	250.362	249.647	248.933	248.218	247.958
72.5	199.315	200.484	201.653	200.939	200.224	199.510	198.796	198.081	197.367	195.971
75.0	161.842	162.946	164.050	163.141	162.232	161.323	160.413	159.504	158.595	155.867
77.5	127.551	129.142	130.734	129.759	128.785	127.811	126.837	125.863	124.889	122.096
80.0	88.195	89.494	90.793	89.949	89.104	88.260	87.416	86.571	85.727	83.714
82.5	52.995	54.553	56.112	55.073	54.034	52.995	51.955	50.916	49.877	48.351
85.0	21.951	22.861	23.770	23.250	22.731	22.211	21.691	21.172	20.652	20.198
87.5	5.196	5.618	6.040	5.813	5.585	5.358	5.131	4.903	4.676	4.806
90.0	1.948	1.948	1.948	1.948	1.948	1.948	1.948	1.948	1.948	2.013
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
97.5	1.299	1.234	1.169	1.234	1.299	1.364	1.429	1.494	1.559	1.559
100.0	1.689	1.624	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234
102.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
120.0	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
137.5	1.494	1.527	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.689	1.721	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.721
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.689	1.721	1.754	1.786	1.818	1.851	1.883	1.916	1.948	1.883
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
165.0	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559
167.5	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721
170.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624
172.5	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.754
175.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

Vert. Angles	Horizontal Angles									
	<u>200.0</u>	<u>202.5</u>	<u>205.0</u>	<u>207.5</u>	<u>210.0</u>	<u>212.5</u>	<u>215.0</u>	<u>217.5</u>	<u>220.0</u>	<u>222.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1306.880	1309.965	1313.050	1316.135	1319.220	1320.324	1321.428	1322.532	1323.636	1324.740
5.0	1252.392	1256.094	1259.795	1263.497	1267.199	1270.446	1273.693	1276.941	1280.188	1283.435
7.5	1200.176	1204.560	1208.944	1213.327	1217.711	1222.452	1227.193	1231.934	1236.675	1241.416
10.0	1170.042	1173.484	1176.926	1180.368	1183.810	1187.902	1191.993	1196.085	1200.176	1204.268
12.5	1148.480	1151.565	1154.650	1157.735	1160.820	1164.814	1168.808	1172.802	1176.796	1180.790
15.0	1126.789	1130.816	1134.842	1138.869	1142.895	1146.207	1149.519	1152.832	1156.144	1159.456
17.5	1108.799	1111.917	1115.034	1118.151	1121.269	1125.035	1128.802	1132.569	1136.336	1140.103
20.0	1092.108	1095.356	1098.603	1101.850	1105.097	1108.279	1111.462	1114.644	1117.826	1121.009
22.5	1071.261	1074.606	1077.951	1081.295	1084.640	1087.433	1090.225	1093.018	1095.810	1098.603
25.0	1046.128	1050.739	1055.350	1059.961	1064.572	1066.196	1067.819	1069.443	1071.067	1072.690
27.5	1017.357	1021.611	1025.865	1030.119	1034.373	1036.191	1038.010	1039.828	1041.647	1043.465
30.0	987.548	991.120	994.691	998.263	1001.835	1003.264	1004.693	1006.122	1007.550	1008.979
32.5	955.790	959.070	962.349	965.629	968.909	968.876	968.844	968.811	968.779	968.746
35.0	927.409	928.578	929.747	930.916	932.085	931.436	930.786	930.137	929.487	928.838
37.5	891.300	893.605	895.911	898.216	900.522	898.346	896.171	893.995	891.820	889.644
40.0	841.033	846.943	852.852	858.762	864.672	861.880	859.087	856.295	853.502	850.710
42.5	792.194	797.552	802.910	808.268	813.626	813.496	813.366	813.236	813.106	812.976
45.0	747.513	749.916	752.318	754.721	757.124	761.086	765.047	769.009	772.971	776.932
47.5	710.364	710.462	710.559	710.657	710.754	714.391	718.028	721.665	725.301	728.938
50.0	675.424	674.320	673.216	672.112	671.008	671.203	671.398	671.593	671.787	671.982
52.5	639.445	637.691	635.938	634.184	632.431	629.671	626.911	624.150	621.390	618.630
55.0	596.971	595.218	593.464	591.711	589.957	585.086	580.215	575.345	570.474	565.603
57.5	542.807	542.709	542.612	542.514	542.417	536.377	530.337	524.298	518.258	512.218
60.0	484.617	484.942	485.266	485.591	485.916	480.201	474.486	468.771	463.055	457.340
62.5	425.712	425.907	426.101	426.296	426.491	421.101	415.710	410.320	404.929	399.539
65.0	361.871	362.976	364.080	365.184	366.288	361.092	355.897	350.701	345.505	340.310
67.5	301.992	302.285	302.577	302.869	303.161	299.102	295.043	290.984	286.925	282.866
70.0	247.699	247.439	247.179	246.920	246.660	243.088	239.516	235.944	232.372	228.800
72.5	194.574	193.178	191.782	190.385	188.989	186.846	184.703	182.560	180.416	178.273
75.0	153.140	150.412	147.684	144.957	142.229	140.281	138.332	136.384	134.436	132.487
77.5	119.303	116.511	113.718	110.926	108.133	105.470	102.808	100.145	97.482	94.819
80.0	81.700	79.687	77.674	75.660	73.647	71.049	68.451	65.854	63.256	60.658
82.5	46.825	45.299	43.772	42.246	40.720	38.512	36.304	34.096	31.888	29.680
85.0	19.743	19.289	18.834	18.380	17.925	16.691	15.457	14.223	12.989	11.755
87.5	4.936	5.066	5.196	5.326	5.456	5.196	4.936	4.676	4.416	4.156
90.0	2.078	2.143	2.208	2.273	2.338	2.273	2.208	2.143	2.078	2.013
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

132.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
137.5	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883
142.5	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.624	1.656	1.689	1.721	1.754	1.754	1.754	1.754	1.754	1.754
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
167.5	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721
170.0	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624
172.5	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754
175.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles

	<u>225.0</u>	<u>227.5</u>	<u>230.0</u>	<u>232.5</u>	<u>235.0</u>	<u>237.5</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1325.845	1328.637	1331.430	1334.222	1337.015	1339.807	1342.600	1344.126	1345.652	1347.178
5.0	1286.682	1291.423	1296.164	1300.905	1305.646	1310.387	1315.128	1319.155	1323.181	1327.208
7.5	1246.157	1253.009	1259.860	1266.712	1273.564	1280.415	1287.267	1293.534	1299.801	1306.069
10.0	1208.359	1216.867	1225.375	1233.883	1242.390	1250.898	1259.406	1267.849	1276.292	1284.735
12.5	1184.785	1192.318	1199.852	1207.385	1214.919	1222.452	1229.986	1240.637	1251.288	1261.939
15.0	1162.768	1169.522	1176.277	1183.031	1189.785	1196.540	1203.294	1214.984	1226.674	1238.364
17.5	1143.870	1149.844	1155.819	1161.794	1167.769	1173.744	1179.719	1191.149	1202.579	1214.010
20.0	1124.191	1129.387	1134.582	1139.778	1144.974	1150.169	1155.365	1164.652	1173.939	1183.226
22.5	1101.396	1105.032	1108.669	1112.306	1115.943	1119.580	1123.217	1131.562	1139.908	1148.253
25.0	1074.314	1076.977	1079.639	1082.302	1084.965	1087.627	1090.290	1097.109	1103.928	1110.748
27.5	1045.284	1046.680	1048.076	1049.473	1050.869	1052.265	1053.662	1059.507	1065.352	1071.197
30.0	1010.408	1011.187	1011.967	1012.746	1013.525	1014.305	1015.084	1020.669	1026.255	1031.840
32.5	968.714	970.142	971.571	973.000	974.429	975.858	977.287	982.612	987.937	993.263
35.0	928.188	930.136	932.085	934.033	935.981	937.930	939.878	944.684	949.490	954.296
37.5	887.469	889.709	891.950	894.190	896.431	898.671	900.912	905.036	909.160	913.284
40.0	847.917	849.995	852.073	854.152	856.230	858.308	860.386	863.309	866.231	869.154
42.5	812.847	813.561	814.275	814.990	815.704	816.419	817.133	819.958	822.783	825.608
45.0	780.894	779.790	778.686	777.582	776.478	775.374	774.270	775.374	776.478	777.582
47.5	732.575	731.114	729.653	728.192	726.730	725.269	723.808	724.360	724.912	725.464
50.0	672.177	672.177	672.177	672.177	672.177	672.177	672.177	671.787	671.398	671.008
52.5	615.870	616.876	617.883	618.890	619.896	620.903	621.910	620.091	618.273	616.454
55.0	560.732	562.615	564.499	566.382	568.265	570.149	572.032	568.720	565.408	562.096
57.5	506.178	507.510	508.841	510.172	511.504	512.835	514.166	510.659	507.152	503.645
60.0	451.625	451.105	450.586	450.066	449.546	449.027	448.507	446.819	445.130	443.442
62.5	394.149	392.980	391.811	390.642	389.473	388.304	387.135	386.940	386.745	386.550
65.0	335.114	334.400	333.685	332.971	332.257	331.542	330.828	331.023	331.218	331.413
67.5	278.807	278.352	277.898	277.443	276.989	276.534	276.080	277.508	278.937	280.366
70.0	225.228	225.618	226.007	226.397	226.787	227.176	227.566	228.995	230.424	231.853
72.5	176.130	176.552	176.974	177.396	177.818	178.240	178.663	179.961	181.260	182.559
75.0	130.539	130.539	130.539	130.539	130.539	130.539	130.539	131.708	132.877	134.046
77.5	92.157	91.572	90.988	90.403	89.819	89.234	88.650	89.104	89.559	90.014



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

80.0	58.060	57.021	55.982	54.943	53.904	52.865	51.826	51.826	51.826	51.826
82.5	27.472	27.212	26.952	26.692	26.433	26.173	25.913	25.783	25.653	25.523
85.0	10.521	10.391	10.261	10.132	10.002	9.872	9.742	9.807	9.872	9.937
87.5	3.897	3.929	3.962	3.994	4.027	4.059	4.092	3.929	3.767	3.605
90.0	1.948	1.948	1.948	1.948	1.948	1.948	1.948	1.883	1.818	1.754
92.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
95.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754
107.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.591	1.624	1.656
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
137.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.754	1.754	1.754
140.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
142.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
150.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
152.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.527	1.494	1.462
160.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
162.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
167.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
172.5	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.689	1.624	1.559
175.0	1.559	1.624	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754
177.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.624	1.689	1.754
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles  
 Angles

	<u>250.0</u>	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1348.705	1350.231	1351.757	1353.608	1355.459	1357.310	1359.161	1361.012	1362.863	1363.609
5.0	1331.235	1335.261	1339.288	1343.574	1347.861	1352.147	1356.433	1360.720	1365.006	1367.669
7.5	1312.336	1318.603	1324.870	1330.942	1337.015	1343.087	1349.159	1355.232	1361.304	1365.720
10.0	1293.177	1301.620	1310.063	1318.701	1327.338	1335.976	1344.613	1353.251	1361.888	1367.084
12.5	1272.590	1283.241	1293.892	1304.413	1314.934	1325.455	1335.976	1346.497	1357.018	1363.674
15.0	1250.054	1261.744	1273.434	1285.903	1298.373	1310.842	1323.311	1335.781	1348.250	1355.589
17.5	1225.440	1236.870	1248.301	1262.523	1276.746	1290.969	1305.192	1319.415	1333.638	1342.535
20.0	1192.513	1201.800	1211.087	1227.908	1244.728	1261.549	1278.370	1295.190	1312.011	1322.272
22.5	1156.599	1164.944	1173.290	1191.084	1208.879	1226.674	1244.469	1262.264	1280.059	1291.131
25.0	1117.567	1124.386	1131.205	1150.688	1170.172	1189.655	1209.138	1228.622	1248.105	1259.081



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

27.5	1077.042	1082.887	1088.732	1108.507	1128.283	1148.058	1167.834	1187.609	1207.385	1218.945
30.0	1037.425	1043.011	1048.596	1069.119	1089.641	1110.164	1130.686	1151.209	1171.731	1182.966
32.5	998.588	1003.914	1009.239	1029.112	1048.985	1068.858	1088.731	1108.604	1128.477	1139.485
35.0	959.102	963.908	968.714	988.197	1007.681	1027.164	1046.647	1066.131	1085.614	1095.940
37.5	917.408	921.532	925.656	944.717	963.778	982.839	1001.901	1020.962	1040.023	1050.544
40.0	872.076	874.999	877.921	896.106	914.290	932.475	950.659	968.844	987.028	997.939
42.5	828.433	831.258	834.084	851.196	868.309	885.422	902.535	919.648	936.761	946.697
45.0	778.686	779.790	780.894	796.676	812.457	828.239	844.020	859.802	875.583	885.065
47.5	726.016	726.568	727.120	741.668	756.215	770.763	785.310	799.858	814.406	823.140
50.0	670.618	670.229	669.839	682.893	695.947	709.001	722.054	735.108	748.162	755.501
52.5	614.636	612.817	610.999	623.014	635.029	647.043	659.058	671.073	683.088	688.705
55.0	558.783	555.471	552.159	562.810	573.461	584.112	594.763	605.414	616.065	620.026
57.5	500.138	496.631	493.124	503.158	513.192	523.226	533.260	543.294	553.328	555.471
60.0	441.753	440.065	438.376	446.884	455.392	463.900	472.407	480.915	489.423	490.202
62.5	386.355	386.160	385.966	393.045	400.124	407.203	414.282	421.361	428.440	427.758
65.0	331.607	331.802	331.997	338.297	344.596	350.896	357.196	363.495	369.795	368.301
67.5	281.795	283.223	284.652	289.490	294.329	299.167	304.006	308.844	313.683	310.533
70.0	233.281	234.710	236.139	239.516	242.893	246.270	249.647	253.024	256.401	252.764
72.5	183.858	185.157	186.456	189.411	192.366	195.321	198.276	201.231	204.186	200.289
75.0	135.215	136.384	137.553	140.411	143.268	146.126	148.983	151.841	154.698	150.282
77.5	90.468	90.923	91.378	94.105	96.833	99.560	102.288	105.015	107.743	103.684
80.0	51.826	51.826	51.826	53.904	55.982	58.061	60.139	62.217	64.295	61.308
82.5	25.393	25.263	25.134	26.205	27.277	28.348	29.420	30.491	31.563	30.102
85.0	10.001	10.066	10.131	10.391	10.651	10.911	11.170	11.430	11.690	11.235
87.5	3.442	3.280	3.118	3.118	3.118	3.118	3.118	3.118	3.118	3.085
90.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.689
95.0	1.559	1.559	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559
107.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.364
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
115.0	1.559	1.559	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234
117.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624
137.5	1.754	1.754	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.527
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.429	1.397	1.364	1.429	1.494	1.559	1.624	1.689	1.754	1.721
160.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.591
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

167.5	1.689	1.721	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
172.5	1.494	1.429	1.364	1.429	1.494	1.559	1.624	1.689	1.754	1.786
175.0	1.689	1.624	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.818	1.883	1.948	1.916	1.883	1.851	1.818	1.786	1.754	1.721
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles  
 Angles

	<u>275.0</u>	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1364.356	1365.103	1365.850	1366.597	1367.344	1369.195	1371.046	1372.897	1374.748	1376.599
5.0	1370.331	1372.994	1375.657	1378.319	1380.982	1383.775	1386.567	1389.360	1392.153	1394.945
7.5	1370.137	1374.553	1378.969	1383.385	1387.802	1391.211	1394.621	1398.030	1401.440	1404.849
10.0	1372.279	1377.475	1382.671	1387.866	1393.062	1396.829	1400.595	1404.362	1408.129	1411.895
12.5	1370.331	1376.988	1383.645	1390.301	1396.958	1400.303	1403.648	1406.992	1410.337	1413.682
15.0	1362.927	1370.266	1377.605	1384.943	1392.282	1395.529	1398.777	1402.024	1405.271	1408.519
17.5	1351.432	1360.330	1369.227	1378.125	1387.022	1388.743	1390.464	1392.185	1393.906	1395.627
20.0	1332.533	1342.795	1353.056	1363.317	1373.578	1374.163	1374.747	1375.332	1375.916	1376.501
22.5	1302.205	1313.278	1324.351	1335.424	1346.496	1346.659	1346.821	1346.984	1347.146	1347.308
25.0	1270.056	1281.032	1292.008	1302.983	1313.959	1313.505	1313.050	1312.596	1312.141	1311.687
27.5	1230.505	1242.065	1253.625	1265.185	1276.745	1274.862	1272.979	1271.096	1269.212	1267.329
30.0	1194.202	1205.437	1216.672	1227.908	1239.143	1234.857	1230.570	1226.284	1221.998	1217.711
32.5	1150.493	1161.502	1172.510	1183.518	1194.526	1188.064	1181.602	1175.140	1168.678	1162.216
35.0	1106.266	1116.593	1126.919	1137.245	1147.571	1138.674	1129.776	1120.879	1111.982	1103.084
37.5	1061.065	1071.586	1082.107	1092.628	1103.149	1090.809	1078.470	1066.130	1053.791	1041.451
40.0	1008.849	1019.760	1030.671	1041.581	1052.492	1037.555	1022.618	1007.680	992.743	977.806
42.5	956.634	966.571	976.507	986.444	996.380	979.072	961.765	944.457	927.149	909.842
45.0	894.547	904.029	913.511	922.993	932.475	914.290	896.106	877.921	859.737	841.552
47.5	831.876	840.611	849.346	858.081	866.816	847.787	828.758	809.729	790.701	771.672
50.0	762.839	770.178	777.517	784.855	792.194	773.555	754.916	736.277	717.638	698.999
52.5	694.323	699.941	705.558	711.176	716.794	698.706	680.620	662.532	644.446	626.358
55.0	623.988	627.950	631.911	635.873	639.834	622.624	605.413	588.203	570.993	553.782
57.5	557.614	559.757	561.901	564.044	566.187	549.399	532.611	515.823	499.035	482.246
60.0	490.982	491.761	492.540	493.320	494.099	477.993	461.886	445.780	429.674	413.567
62.5	427.076	426.394	425.712	425.030	424.348	408.794	393.240	377.685	362.131	346.577
65.0	366.807	365.314	363.820	362.326	360.832	345.830	330.828	315.825	300.823	285.821
67.5	307.383	304.233	301.083	297.933	294.784	280.723	266.663	252.602	238.542	224.481
70.0	249.127	245.490	241.854	238.217	234.580	221.656	208.732	195.808	182.884	169.960
72.5	196.393	192.496	188.599	184.703	180.806	169.473	158.140	146.807	135.474	124.141
75.0	145.866	141.449	137.033	132.617	128.201	118.914	109.627	100.339	91.052	81.765
77.5	99.625	95.566	91.507	87.448	83.389	76.245	69.101	61.957	54.813	47.669
80.0	58.320	55.332	52.345	49.357	46.370	41.629	36.888	32.147	27.407	22.666
82.5	28.641	27.179	25.718	24.257	22.796	20.360	17.925	15.489	13.054	10.618
85.0	10.781	10.326	9.871	9.417	8.962	8.053	7.144	6.235	5.325	4.416
87.5	3.053	3.020	2.988	2.955	2.923	2.728	2.533	2.338	2.143	1.948
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.624	1.559	1.494	1.429	1.364	1.397	1.429	1.462	1.494	1.527
95.0	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.364	1.364	1.364	1.364	1.364	1.397	1.429	1.462	1.494	1.527
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

115.0	1.299	1.364	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.494	1.462	1.429	1.397	1.364	1.397	1.429	1.462	1.494	1.527
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591
165.0	1.689	1.754	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624
167.5	1.754	1.754	1.754	1.754	1.754	1.721	1.689	1.656	1.624	1.591
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
172.5	1.818	1.851	1.883	1.916	1.948	1.883	1.818	1.754	1.689	1.624
175.0	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754	1.818	1.883
177.5	1.689	1.656	1.624	1.591	1.559	1.591	1.624	1.656	1.689	1.721
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert. Horizontal Angles  
 Angles

	<u>300.0</u>	<u>302.5</u>	<u>305.0</u>	<u>307.5</u>	<u>310.0</u>	<u>312.5</u>	<u>315.0</u>	<u>317.5</u>	<u>320.0</u>	<u>322.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1378.450	1378.157	1377.865	1377.573	1377.280	1376.988	1376.696	1377.475	1378.254	1379.034
5.0	1397.738	1397.673	1397.608	1397.543	1397.478	1397.413	1397.348	1398.192	1399.037	1399.881
7.5	1408.259	1409.038	1409.818	1410.597	1411.376	1412.155	1412.935	1413.064	1413.194	1413.324
10.0	1415.662	1416.052	1416.441	1416.831	1417.221	1417.610	1418.000	1416.896	1415.792	1414.688
12.5	1417.027	1416.377	1415.728	1415.078	1414.429	1413.779	1413.130	1410.629	1408.129	1405.629
15.0	1411.766	1409.753	1407.739	1405.726	1403.713	1401.699	1399.686	1395.854	1392.023	1388.191
17.5	1397.348	1393.971	1390.594	1387.217	1383.840	1380.463	1377.086	1372.085	1367.084	1362.083
20.0	1377.085	1372.604	1368.123	1363.641	1359.160	1354.679	1350.198	1340.716	1331.234	1321.752
22.5	1347.471	1341.463	1335.456	1329.448	1323.441	1317.434	1311.427	1298.990	1286.553	1274.116
25.0	1311.232	1302.399	1293.567	1284.734	1275.902	1267.069	1258.237	1243.300	1228.362	1213.425
27.5	1265.446	1253.820	1242.196	1230.570	1218.946	1207.320	1195.696	1180.141	1164.587	1149.033
30.0	1213.425	1199.851	1186.278	1172.704	1159.131	1145.557	1131.984	1116.657	1101.330	1086.003
32.5	1155.755	1139.843	1123.932	1108.020	1092.109	1076.197	1060.286	1046.583	1032.879	1019.176
35.0	1094.187	1077.496	1060.805	1044.114	1027.424	1010.733	994.042	980.858	967.675	954.491
37.5	1029.112	1012.519	995.925	979.332	962.739	946.145	929.552	916.336	903.120	889.903
40.0	962.869	946.438	930.007	913.576	897.145	880.714	864.283	851.294	838.305	825.316
42.5	892.534	876.915	861.296	845.676	830.057	814.438	798.819	785.635	772.451	759.267
45.0	823.368	807.976	792.584	777.192	761.800	746.408	731.016	717.378	703.739	690.101
47.5	752.643	738.128	723.613	709.098	694.583	680.068	665.553	651.297	637.042	622.786
50.0	680.360	666.202	652.044	637.886	623.728	609.570	595.412	580.475	565.538	550.600
52.5	608.272	594.763	581.254	567.746	554.237	540.729	527.220	511.438	495.657	479.875
55.0	536.572	523.064	509.555	496.047	482.539	469.030	455.522	440.000	424.478	408.956
57.5	465.458	452.210	438.961	425.712	412.463	399.215	385.966	371.418	356.871	342.323
60.0	397.461	384.147	370.834	357.520	344.206	330.893	317.579	305.110	292.640	280.171



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

62.5	331.023	318.196	305.370	292.543	279.717	266.890	254.064	243.185	232.307	221.429
65.0	270.819	259.259	247.699	236.138	224.578	213.018	201.458	191.586	181.715	171.843
67.5	210.421	200.387	190.353	180.319	170.285	160.251	150.217	141.807	133.396	124.986
70.0	157.036	148.268	139.501	130.733	121.966	113.198	104.431	97.157	89.883	82.609
72.5	112.809	105.242	97.677	90.110	82.545	74.978	67.413	61.405	55.398	49.390
75.0	72.478	66.373	60.268	54.163	48.059	41.954	35.849	32.732	29.614	26.497
77.5	40.525	36.401	32.277	28.153	24.029	19.905	15.782	15.067	14.353	13.638
80.0	17.925	16.496	15.067	13.639	12.210	10.781	9.352	8.962	8.573	8.183
82.5	8.183	7.696	7.209	6.722	6.235	5.748	5.261	5.066	4.871	4.676
85.0	3.507	3.377	3.247	3.118	2.988	2.858	2.728	2.663	2.598	2.533
87.5	1.754	1.786	1.818	1.851	1.883	1.916	1.948	1.948	1.948	1.948
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.559	1.494	1.429	1.364	1.299	1.234	1.169	1.234	1.299	1.364
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494	1.429	1.364
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
107.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397	1.429	1.462
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
135.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591	1.624	1.656
150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.527	1.494	1.462
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
165.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754
167.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
170.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624	1.689	1.754
172.5	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721	1.689	1.656
175.0	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559	1.559	1.559
177.5	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559	1.559	1.559
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

Vert.  
Angles

Horizontal Angles

	<u>325.0</u>	<u>327.5</u>	<u>330.0</u>	<u>332.5</u>	<u>335.0</u>	<u>337.5</u>	<u>340.0</u>	<u>342.5</u>	<u>345.0</u>	<u>347.5</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1379.813	1380.592	1381.372	1380.917	1380.462	1380.008	1379.553	1379.099	1378.644	1380.268
5.0	1400.725	1401.570	1402.414	1402.674	1402.933	1403.193	1403.453	1403.712	1403.972	1404.816
7.5	1413.454	1413.584	1413.714	1413.682	1413.649	1413.617	1413.584	1413.552	1413.519	1414.006



IES ROAD REPORT  
 PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

10.0	1413.584	1412.480	1411.376	1410.727	1410.077	1409.428	1408.778	1408.129	1407.479	1407.025
12.5	1403.128	1400.628	1398.128	1396.731	1395.335	1393.939	1392.542	1391.146	1389.750	1389.230
15.0	1384.359	1380.528	1376.696	1374.813	1372.929	1371.046	1369.162	1367.279	1365.395	1363.642
17.5	1357.083	1352.082	1347.081	1342.567	1338.054	1333.540	1329.026	1324.513	1319.999	1316.362
20.0	1312.271	1302.789	1293.307	1287.592	1281.877	1276.162	1270.446	1264.731	1259.016	1254.990
22.5	1261.679	1249.242	1236.805	1229.077	1221.348	1213.620	1205.892	1198.163	1190.435	1186.149
25.0	1198.488	1183.550	1168.613	1161.534	1154.455	1147.376	1140.297	1133.218	1126.139	1121.398
27.5	1133.479	1117.924	1102.370	1095.453	1088.537	1081.620	1074.704	1067.787	1060.871	1056.519
30.0	1070.677	1055.350	1040.023	1033.139	1026.255	1019.371	1012.486	1005.602	998.718	994.237
32.5	1005.472	991.769	978.066	971.181	964.297	957.413	950.529	943.645	936.761	931.923
35.0	941.307	928.124	914.940	907.406	899.873	892.339	884.805	877.272	869.738	864.543
37.5	876.687	863.471	850.255	842.526	834.798	827.070	819.341	811.613	803.885	797.877
40.0	812.327	799.338	786.349	777.971	769.593	761.216	752.838	744.460	736.082	729.068
42.5	746.084	732.900	719.717	710.235	700.753	691.271	681.789	672.307	662.825	654.934
45.0	676.463	662.824	649.186	638.990	628.793	618.597	608.401	598.204	588.008	579.955
47.5	608.531	594.275	580.020	569.174	558.329	547.483	536.637	525.792	514.946	506.666
50.0	535.663	520.726	505.789	494.878	483.967	473.057	462.146	451.235	440.324	432.531
52.5	464.094	448.312	432.531	422.757	412.983	403.209	393.434	383.660	373.886	366.385
55.0	393.435	377.913	362.391	353.624	344.856	336.089	327.321	318.554	309.786	303.811
57.5	327.776	313.228	298.680	291.861	285.042	278.223	271.404	264.585	257.765	252.018
60.0	267.702	255.232	242.763	236.074	229.384	222.695	216.006	209.316	202.627	198.146
62.5	210.551	199.672	188.794	183.079	177.364	171.649	165.934	160.219	154.504	150.996
65.0	161.972	152.100	142.229	137.033	131.838	126.642	121.446	116.251	111.055	108.327
67.5	116.576	108.165	99.755	95.631	91.507	87.383	83.259	79.135	75.011	72.283
70.0	75.336	68.062	60.788	57.411	54.034	50.657	47.279	43.902	40.525	38.447
72.5	43.383	37.375	31.368	29.680	27.991	26.303	24.614	22.926	21.237	20.912
75.0	23.380	20.262	17.145	16.820	16.496	16.171	15.846	15.522	15.197	14.937
77.5	12.924	12.209	11.495	11.300	11.105	10.911	10.716	10.521	10.326	10.066
80.0	7.793	7.404	7.014	6.884	6.754	6.625	6.495	6.365	6.235	6.105
82.5	4.481	4.286	4.092	4.059	4.027	3.994	3.962	3.929	3.897	3.799
85.0	2.468	2.403	2.338	2.338	2.338	2.338	2.338	2.338	2.338	2.338
87.5	1.948	1.948	1.949	1.916	1.884	1.851	1.819	1.786	1.754	1.721
90.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
92.5	1.429	1.494	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
95.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.494
97.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
100.0	1.299	1.234	1.169	1.299	1.429	1.559	1.688	1.818	1.948	1.948
102.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
105.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624
107.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.624
110.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
112.5	1.494	1.527	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.364
115.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
117.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
120.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.624
122.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
132.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.527
135.0	1.818	1.883	1.948	1.883	1.818	1.754	1.689	1.624	1.559	1.559
137.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
142.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559
145.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
147.5	1.689	1.721	1.754	1.721	1.689	1.656	1.624	1.591	1.559	1.559



**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : SP2824.IES**

**CANDELA TABULATION - (Cont.)**

150.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
152.5	1.559	1.559	1.559	1.527	1.494	1.462	1.429	1.397	1.364	1.397
155.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
157.5	1.429	1.397	1.364	1.397	1.429	1.462	1.494	1.527	1.559	1.591
160.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
162.5	1.559	1.559	1.559	1.591	1.624	1.656	1.689	1.721	1.754	1.721
165.0	1.818	1.883	1.948	1.948	1.948	1.948	1.948	1.948	1.948	1.948
167.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
170.0	1.818	1.883	1.948	1.948	1.948	1.948	1.948	1.948	1.948	1.883
172.5	1.624	1.591	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.591
175.0	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
177.5	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559	1.559
180.0	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000	1.000

**Vert. Horizontal Angles**

	<u>350.0</u>	<u>352.5</u>	<u>355.0</u>	<u>357.5</u>	<u>360.0</u>
0.0	1356.698	1356.698	1356.698	1356.698	1356.698
2.5	1381.891	1383.515	1385.138	1386.762	1388.386
5.0	1405.661	1406.505	1407.349	1408.194	1409.038
7.5	1414.493	1414.980	1415.467	1415.954	1416.442
10.0	1406.570	1406.116	1405.661	1405.207	1404.752
12.5	1388.711	1388.191	1387.672	1387.152	1386.633
15.0	1361.888	1360.135	1358.381	1356.628	1354.874
17.5	1312.725	1309.088	1305.451	1301.814	1298.178
20.0	1250.963	1246.937	1242.910	1238.884	1234.857
22.5	1181.862	1177.576	1173.289	1169.003	1164.717
25.0	1116.657	1111.917	1107.176	1102.435	1097.694
27.5	1052.168	1047.817	1043.465	1039.114	1034.763
30.0	989.756	985.275	980.793	976.312	971.831
32.5	927.084	922.246	917.408	912.569	907.731
35.0	859.347	854.152	848.956	843.761	838.565
37.5	791.870	785.863	779.855	773.848	767.841
40.0	722.054	715.040	708.026	701.012	693.998
42.5	647.043	639.153	631.262	623.371	615.480
45.0	571.902	563.849	555.796	547.743	539.690
47.5	498.385	490.105	481.824	473.544	465.263
50.0	424.737	416.944	409.151	401.357	393.564
52.5	358.884	351.383	343.882	336.381	328.880
55.0	297.836	291.861	285.886	279.911	273.936
57.5	246.270	240.522	234.775	229.027	223.279
60.0	193.665	189.184	184.702	180.221	175.740
62.5	147.489	143.982	140.475	136.968	133.461
65.0	105.600	102.872	100.144	97.417	94.689
67.5	69.556	66.828	64.100	61.373	58.645
70.0	36.369	34.291	32.212	30.134	28.056
72.5	20.588	20.263	19.938	19.613	19.289
75.0	14.677	14.418	14.158	13.898	13.638
77.5	9.807	9.547	9.287	9.027	8.768
80.0	5.975	5.845	5.715	5.585	5.455
82.5	3.702	3.604	3.507	3.409	3.312
85.0	2.338	2.338	2.338	2.338	2.338
87.5	1.689	1.656	1.624	1.591	1.559
90.0	1.559	1.559	1.559	1.559	1.559
92.5	1.624	1.656	1.689	1.721	1.754
95.0	1.429	1.364	1.299	1.234	1.169



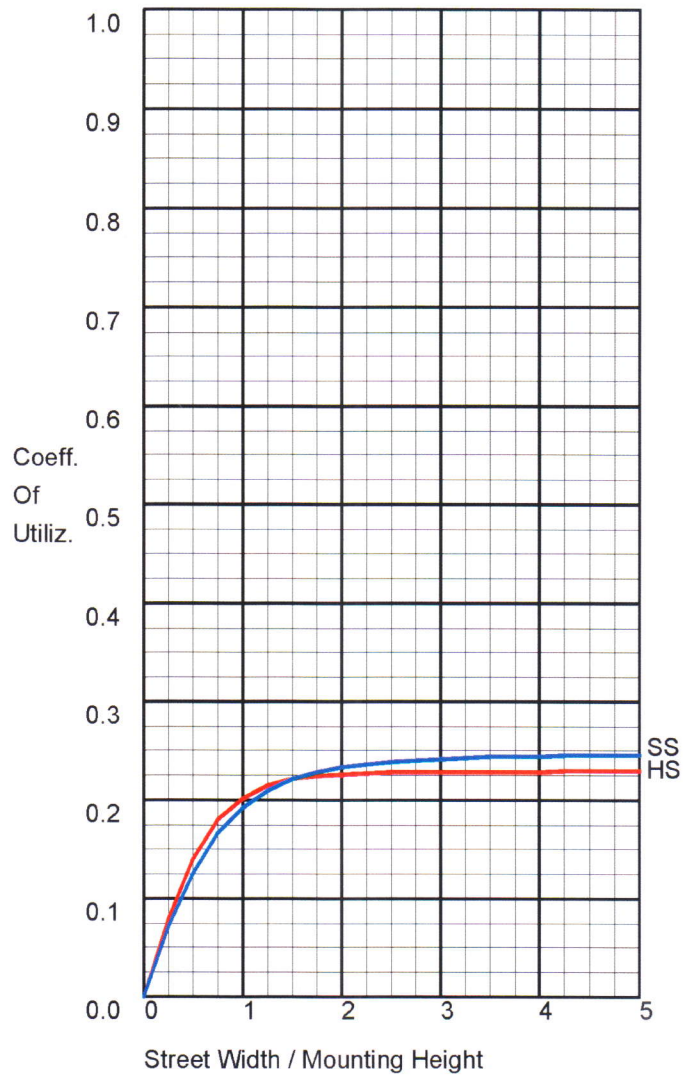
IES ROAD REPORT  
PHOTOMETRIC FILENAME : SP2824.IES

CANDELA TABULATION - (Cont.)

97.5	1.559	1.559	1.559	1.559	1.559
100.0	1.948	1.948	1.948	1.948	1.948
102.5	1.559	1.559	1.559	1.559	1.559
105.0	1.689	1.754	1.818	1.883	1.948
107.5	1.689	1.754	1.818	1.883	1.948
110.0	1.559	1.559	1.559	1.559	1.559
112.5	1.364	1.364	1.364	1.364	1.364
115.0	1.559	1.559	1.559	1.559	1.559
117.5	1.429	1.462	1.494	1.527	1.559
120.0	1.689	1.754	1.818	1.883	1.948
122.5	1.559	1.559	1.559	1.559	1.559
125.0	1.559	1.559	1.559	1.559	1.559
127.5	1.559	1.559	1.559	1.559	1.559
130.0	1.559	1.559	1.559	1.559	1.559
132.5	1.494	1.462	1.429	1.397	1.364
135.0	1.559	1.559	1.559	1.559	1.559
137.5	1.559	1.559	1.559	1.559	1.559
140.0	1.559	1.559	1.559	1.559	1.559
142.5	1.559	1.559	1.559	1.559	1.559
145.0	1.559	1.559	1.559	1.559	1.559
147.5	1.559	1.559	1.559	1.559	1.559
150.0	1.559	1.559	1.559	1.559	1.559
152.5	1.429	1.462	1.494	1.527	1.559
155.0	1.559	1.559	1.559	1.559	1.559
157.5	1.624	1.656	1.689	1.721	1.754
160.0	1.559	1.559	1.559	1.559	1.559
162.5	1.689	1.656	1.624	1.591	1.559
165.0	1.948	1.948	1.948	1.948	1.948
167.5	1.559	1.559	1.559	1.559	1.559
170.0	1.818	1.754	1.689	1.624	1.559
172.5	1.624	1.656	1.689	1.721	1.754
175.0	1.559	1.559	1.559	1.559	1.559
177.5	1.559	1.559	1.559	1.559	1.559
180.0	1.000	1.000	1.000	1.000	1.000



COEFFICIENTS OF UTILIZATION

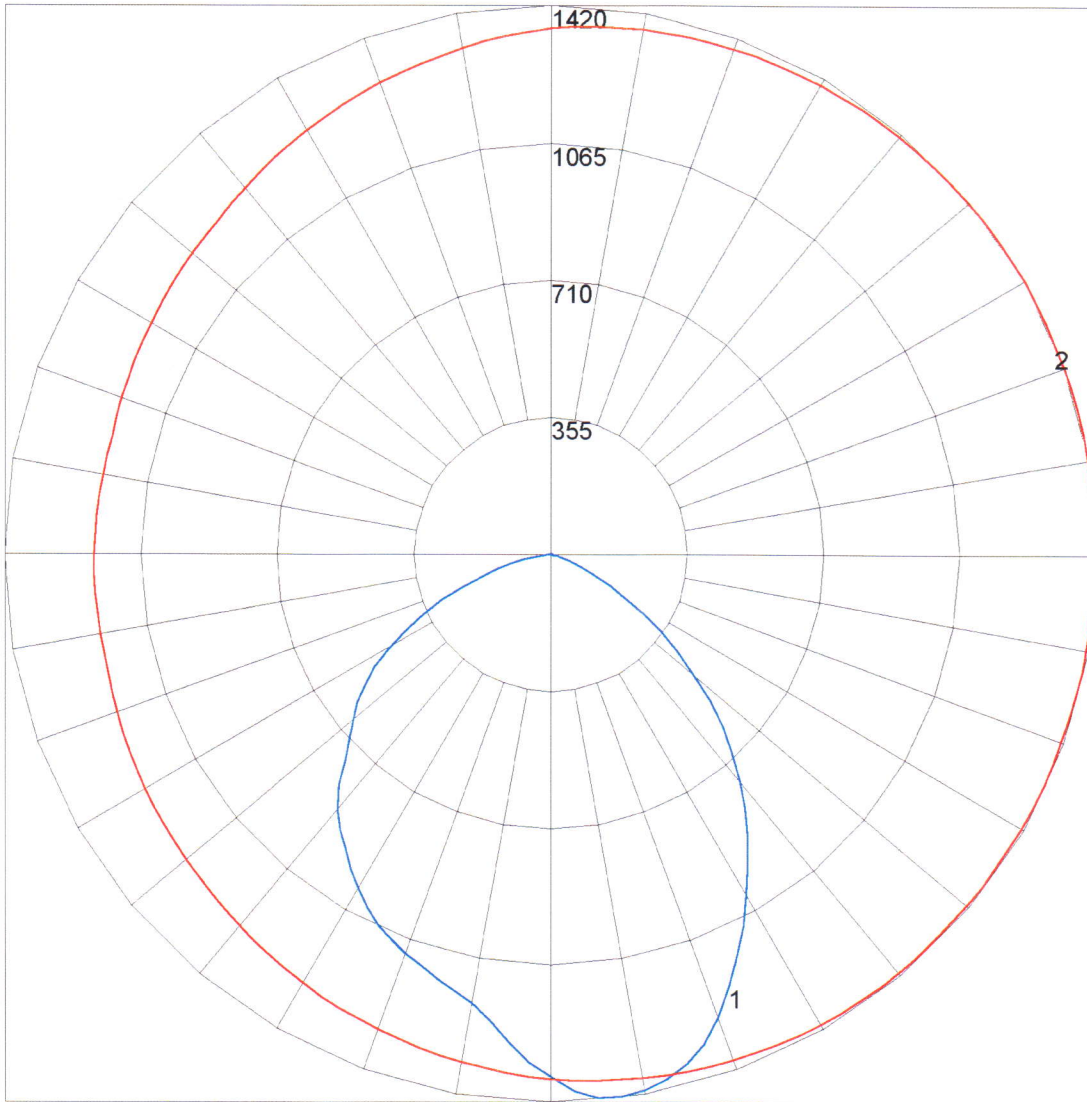


FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	1463.9	22.9
Downward House Side	1578.2	24.7
Downward Total	3042.1	47.5
Upward Street Side	4.9	0.1
Upward House Side	5.0	0.1
Upward Total	9.9	0.2
Total Flux	3052.0	47.7



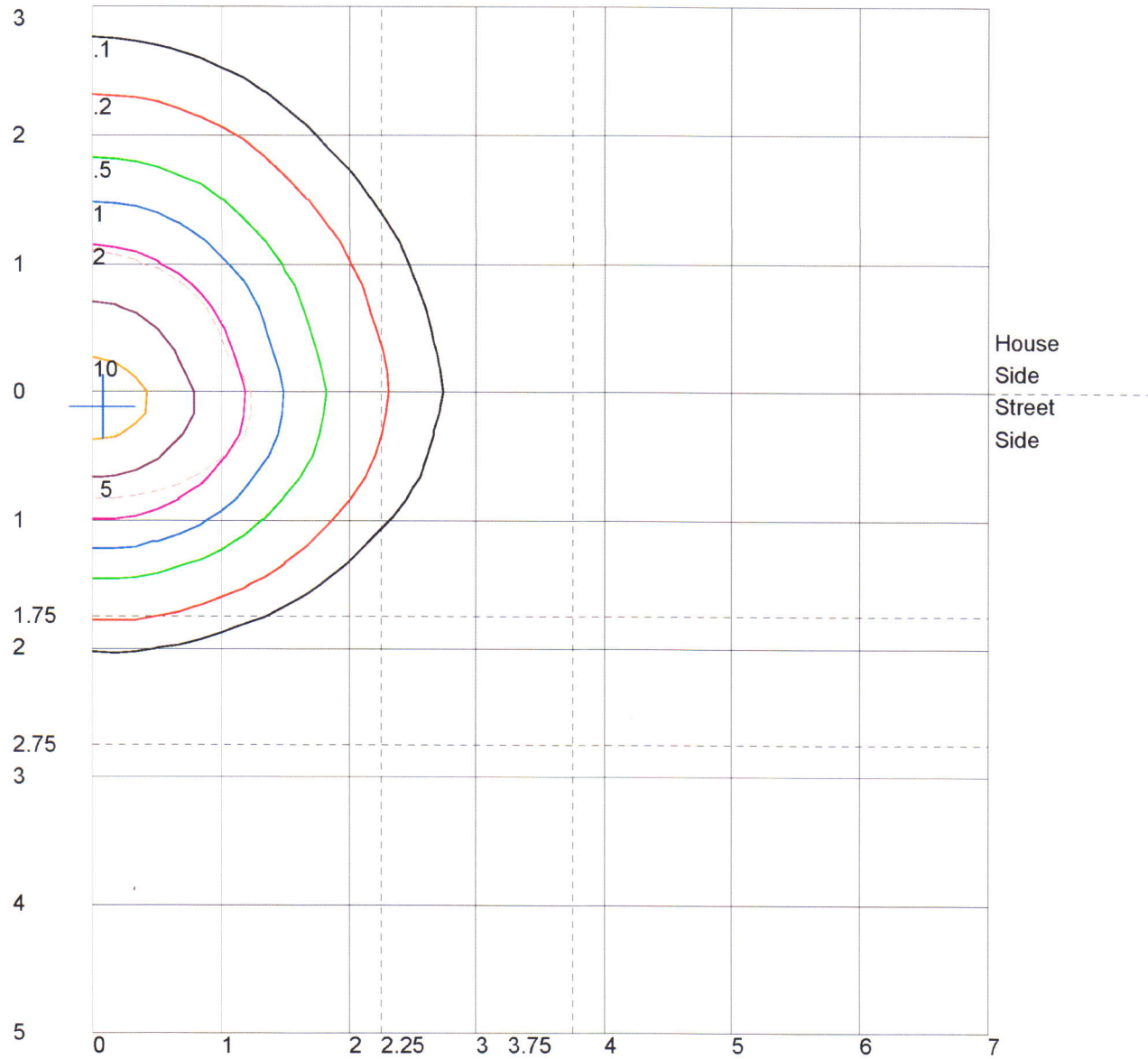
POLAR GRAPH



Maximum Candela = 1420.144 Located At Horizontal Angle = 30, Vertical Angle = 7.5  
# 1 - Vertical Plane Through Horizontal Angles (30 - 210) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (7.5) (Through Max. Cd.)



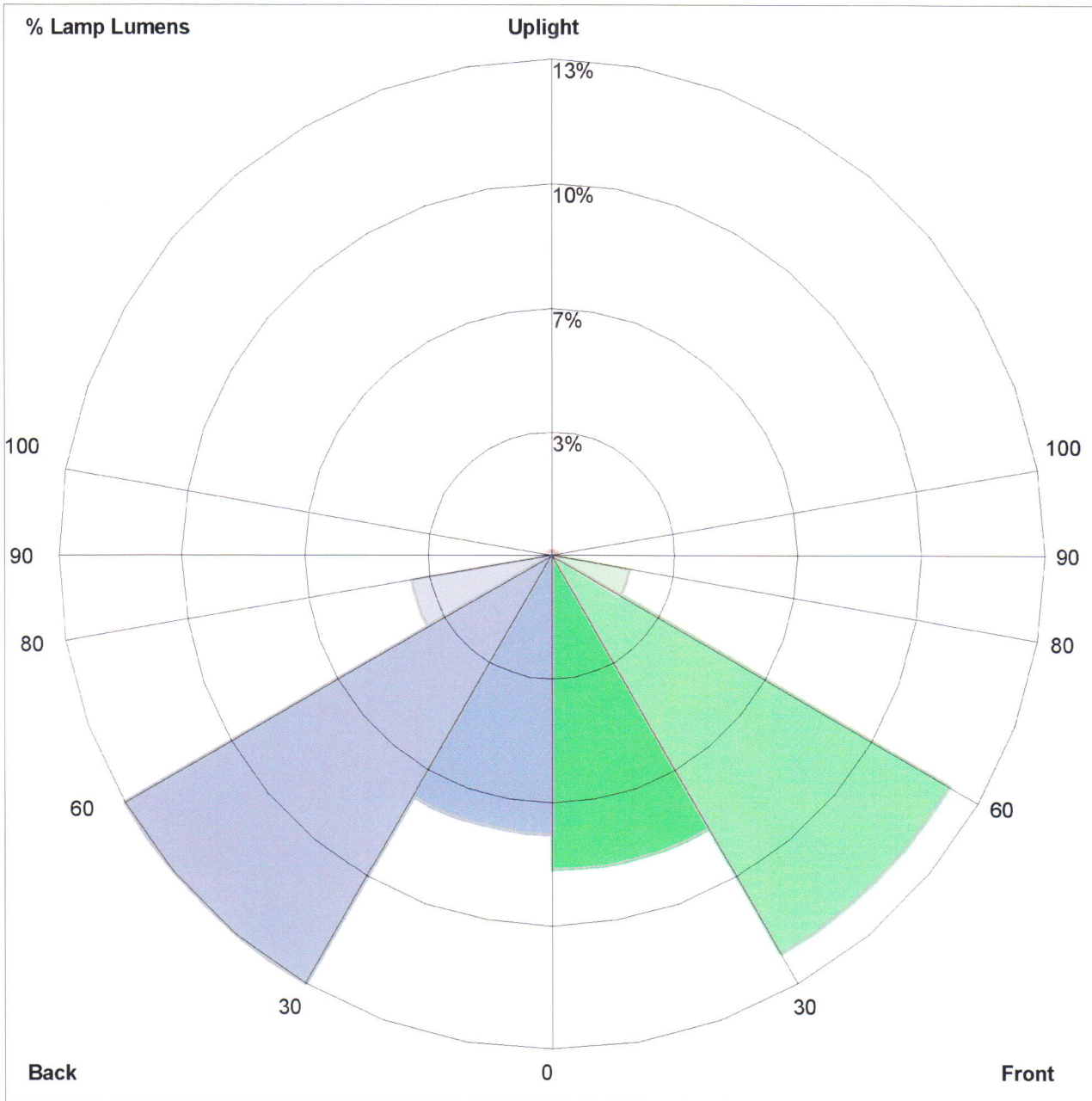
ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height  
 Values Based On 10 Foot Mounting Height  
 1/2 Maximum Candela Trace Shown As Dashed Curve  
 (+) = Maximum Candela Point



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:  
 Front: Low=8.4%, Medium=12.3%, High=2.1%, Very High=0.1%  
 Back: Low=7.4%, Medium=13.2%, High=3.8%, Very High=0.2%  
 Uplight: Low=0.0%, High=0.1%

BUG Rating : B1-U1-G1