

IES INDOOR REPORT

PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] Q2016030801 (scaled from 37w 5K)

[TESTLAB] QSSI

[ISSUE DATE] 3-08-2016

[MANUFAC] QSSI

[LUMCAT] WPC15QC1X25U4KC_WPTZ-L27-740-T3-DIM-UNV

[LUMINAIRE] WPC15 WITH ONE 25W QSSI ARRAY, TYPE III OPTICS, CLEAR GLASS LENS

[LAMPCAT] SAMSUNG 561B LEDS

[LAMP] 24 SAMSUNG 561B LEDS

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2737
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	27.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	2.94
Spacing Criterion (90-270)	2.60
Spacing Criterion (Diagonal)	2.26
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

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	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742
2.5	505.765	514.253	513.754	497.278	487.791	467.321	451.045	438.662	417.493	412.401
5.0	621.097	629.086	622.596	602.125	584.650	556.691	526.934	497.627	453.042	425.382
7.5	712.465	718.456	700.482	686.503	663.536	630.584	594.286	557.939	499.324	448.299
10.0	776.871	784.860	768.384	752.406	728.941	693.992	654.049	611.861	545.707	477.107
12.5	830.294	838.282	821.307	806.827	782.862	748.413	709.669	655.398	587.746	507.363
15.0	874.729	882.717	867.739	856.755	829.295	797.840	758.398	707.772	626.540	533.675
17.5	908.180	922.659	909.678	901.690	874.729	843.774	800.886	745.766	662.987	561.284
20.0	937.638	954.114	945.127	929.649	910.677	881.219	838.232	786.607	698.685	591.341
22.5	968.592	977.080	974.085	959.605	949.121	913.173	872.532	824.152	732.586	616.704
25.0	1001.545	994.056	989.063	988.563	966.596	939.635	900.741	857.354	763.191	642.117
27.5	1016.023	1011.530	1001.545	996.552	980.076	962.102	923.608	885.762	791.649	664.934
30.0	1024.511	1016.023	1003.043	993.556	988.064	979.576	944.078	904.585	815.765	687.900
32.5	1051.472	1029.504	991.060	995.553	982.073	994.056	963.800	928.251	832.441	712.714
35.0	1032.499	1025.010	984.070	984.569	980.076	991.060	976.381	942.031	855.307	730.838
37.5	1026.508	1030.503	979.576	973.086	987.565	992.558	980.176	952.116	878.773	749.860
40.0	1035.495	1034.996	985.568	980.076	998.050	990.061	989.412	964.848	898.694	769.581
42.5	1003.043	1044.982	995.553	983.571	1000.047	987.065	982.223	965.946	911.625	796.892
45.0	1012.029	1052.471	1010.532	997.550	994.056	982.572	969.591	966.146	925.655	821.556
47.5	1017.022	1060.958	1028.006	1012.529	993.556	991.559	971.788	961.053	938.187	839.829
50.0	1052.471	1085.422	1051.472	1041.986	1020.517	999.548	972.287	963.200	942.331	859.501
52.5	1085.422	1116.378	1074.938	1070.944	1036.993	1015.025	972.487	955.012	942.131	872.831
55.0	1104.395	1170.299	1132.854	1105.893	1069.945	1022.514	961.253	943.579	937.737	881.818
57.5	1146.834	1197.260	1226.718	1175.791	1119.873	1041.486	967.095	925.056	932.695	883.516
60.0	991.060	1061.457	1176.790	1218.729	1173.794	1065.951	962.801	899.593	907.481	867.390
62.5	884.215	978.927	980.176	1143.838	1179.786	1079.431	929.949	813.768	812.120	789.403
65.0	575.014	688.949	850.414	984.719	985.069	987.964	815.565	712.914	739.276	750.609
67.5	289.379	351.989	508.212	751.907	926.204	822.655	713.314	649.456	705.575	746.665
70.0	99.006	125.268	199.510	434.968	662.937	631.083	602.624	570.521	656.047	725.746
72.5	58.665	75.840	94.463	173.847	356.033	471.965	455.139	456.337	573.516	674.120
75.0	38.244	48.479	51.575	81.532	152.029	292.176	305.806	336.811	462.978	575.863
77.5	23.266	28.958	28.958	41.041	79.934	161.865	178.690	204.303	331.868	427.928
80.0	15.228	18.174	16.626	15.727	38.494	77.837	84.627	113.385	205.052	246.192
82.5	7.589	9.586	10.186	10.135	12.632	33.651	36.697	42.988	100.854	116.082
85.0	2.896	2.896	3.795	3.894	4.194	10.984	11.733	14.080	37.646	36.497
87.5	1.298	1.298	1.498	1.498	1.747	1.897	2.347	2.546	2.946	3.944
90.0	0.649	0.599	0.649	0.649	0.649	0.649	0.799	0.999	1.199	2.197
92.5	0.550	0.499	0.550	0.599	0.599	0.649	0.749	0.948	1.248	2.197

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

CANDELA TABULATION - (Cont.)

95.0	0.449	0.499	0.499	0.550	0.550	0.649	0.799	1.049	1.298	2.246
97.5	0.449	0.449	0.449	0.499	0.599	0.649	0.849	1.098	1.348	2.246
100.0	0.449	0.449	0.449	0.499	0.550	0.649	0.849	1.148	1.398	2.297
102.5	0.449	0.400	0.449	0.499	0.550	0.649	0.899	1.199	1.448	2.246
105.0	0.400	0.400	0.449	0.499	0.550	0.699	1.098	1.199	1.448	2.197
107.5	0.400	0.400	0.449	0.499	0.599	0.699	0.899	1.298	1.747	2.497
110.0	0.400	0.400	0.449	0.499	0.550	0.699	0.899	1.199	1.448	2.047
112.5	0.400	0.400	0.400	0.499	0.550	0.699	0.948	1.199	1.448	1.997
115.0	0.449	0.400	0.449	0.499	0.550	0.699	0.849	1.199	1.498	1.997
117.5	0.449	0.400	0.449	0.499	0.550	0.699	0.899	1.199	1.498	1.947
120.0	0.449	0.400	0.449	0.449	0.550	0.649	0.899	1.148	1.498	1.947
122.5	0.449	0.400	0.449	0.499	0.550	0.649	0.899	1.199	1.498	1.947
125.0	0.449	0.499	0.449	0.499	0.599	0.699	0.899	1.199	1.548	1.997
127.5	0.499	0.499	0.550	0.550	0.649	0.749	0.948	1.248	1.648	2.097
130.0	0.550	0.550	0.550	0.599	0.649	0.799	1.049	1.348	1.698	2.147
132.5	0.599	0.599	0.599	0.649	0.749	0.899	1.098	1.448	1.747	2.197
135.0	0.699	0.649	0.699	0.749	0.799	0.948	1.148	1.498	1.848	2.246
137.5	0.749	0.749	0.749	0.799	0.948	1.049	1.248	1.548	1.848	2.347
140.0	0.799	0.849	0.899	0.948	1.049	1.148	1.448	1.747	2.047	2.446
142.5	0.948	0.948	0.948	1.049	1.199	1.348	1.597	1.947	2.246	2.596
145.0	1.098	1.148	1.199	1.298	1.448	1.597	1.848	2.197	2.497	2.846
147.5	1.298	1.348	1.398	1.498	1.698	1.897	2.197	2.497	2.846	3.045
150.0	1.597	1.648	1.747	1.897	2.147	2.347	2.646	2.946	3.295	3.295
152.5	2.097	2.147	2.246	2.396	2.696	2.896	3.195	3.595	3.944	3.645
155.0	2.796	2.796	2.946	3.195	3.395	3.694	4.094	4.444	4.843	4.044
157.5	3.595	3.694	3.795	4.044	4.244	4.593	4.993	5.293	5.492	4.543
160.0	4.444	4.593	4.643	4.943	5.143	5.492	5.792	6.091	6.341	5.043
162.5	5.242	5.293	5.442	5.742	5.942	6.191	6.441	6.790	7.040	5.642
165.0	5.991	6.091	6.191	6.341	6.591	6.890	7.090	7.339	7.489	6.191
167.5	6.541	6.640	6.740	6.890	7.139	7.289	7.489	7.739	7.839	6.740
170.0	6.890	6.990	7.090	7.240	7.389	7.539	7.739	7.839	7.988	7.139
172.5	7.190	7.240	7.339	7.439	7.589	7.739	7.788	7.938	8.039	7.389
175.0	7.389	7.439	7.539	7.589	7.739	7.788	7.839	7.988	8.039	7.539
177.5	7.389	7.539	7.589	7.689	7.788	7.839	7.889	7.988	8.088	7.589
180.0	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512

Vert. Angles **Horizontal Angles**

	100	110	120	130	140	150	160	170	180	190
0.0	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

CANDELA TABULATION - (Cont.)

2.5	395.625	380.597	373.108	359.478	357.980	354.984	349.991	347.495	344.000	348.493
5.0	391.780	368.265	355.533	339.506	336.511	328.523	325.527	322.032	318.537	322.032
7.5	391.331	358.579	342.502	326.526	319.536	311.048	307.054	303.059	300.563	303.559
10.0	395.276	352.288	331.967	314.543	304.557	296.569	290.578	287.083	283.588	288.081
12.5	405.011	349.243	323.530	304.058	291.577	283.588	277.596	275.100	272.105	274.601
15.0	418.242	349.592	315.841	294.072	280.592	275.100	267.611	264.616	266.113	264.616
17.5	433.820	352.338	308.502	287.582	273.103	266.612	260.122	256.627	257.126	256.128
20.0	450.146	355.583	306.205	282.090	266.612	257.625	256.128	247.191	248.489	246.691
22.5	466.272	358.729	305.356	275.599	260.621	250.536	243.945	240.351	243.347	241.299
25.0	481.850	365.119	303.858	273.603	256.627	244.245	236.307	233.461	233.910	235.358
27.5	497.278	371.360	302.061	271.106	256.128	238.853	232.162	229.117	226.970	230.116
30.0	515.551	378.151	303.708	269.608	250.037	235.408	226.920	225.722	223.675	226.521
32.5	535.372	386.489	307.753	267.112	245.044	232.462	221.928	221.578	222.127	223.176
35.0	558.588	397.972	310.549	267.611	240.151	232.162	223.625	218.233	218.233	221.178
37.5	582.653	408.306	313.544	268.110	241.149	228.917	218.683	216.036	216.585	217.334
40.0	602.125	418.591	316.191	270.108	245.593	227.419	215.636	212.991	210.394	212.191
42.5	622.196	428.777	321.832	270.607	244.944	225.672	213.190	208.147	209.296	207.448
45.0	642.966	438.662	327.974	273.603	241.000	222.027	210.444	204.553	199.710	205.252
47.5	662.637	450.495	334.015	275.599	242.298	222.277	211.842	203.854	195.966	202.955
50.0	676.018	464.775	339.706	279.594	243.945	224.873	208.647	199.910	198.911	198.611
52.5	685.254	476.208	342.802	279.594	246.342	221.578	206.799	197.513	196.415	194.318
55.0	695.040	485.045	342.452	276.598	241.299	217.983	204.303	193.868	183.134	189.774
57.5	707.073	488.839	340.505	272.604	232.662	211.542	196.065	185.730	179.689	181.137
60.0	718.605	487.741	328.623	265.115	221.578	199.809	185.630	165.560	159.319	162.064
62.5	670.026	454.490	312.096	256.128	205.152	179.489	159.319	144.590	138.499	142.044
65.0	628.836	399.420	267.212	220.230	178.590	146.836	132.857	122.622	118.029	120.825
67.5	608.216	369.413	221.029	172.250	131.909	116.181	109.441	103.699	98.707	104.049
70.0	589.743	339.607	185.081	117.180	98.656	91.966	87.573	83.030	78.935	83.778
72.5	561.384	279.344	142.243	78.636	67.502	66.154	64.806	61.111	57.167	61.810
75.0	476.957	193.568	80.034	54.371	46.183	43.786	46.283	41.190	35.848	40.042
77.5	345.598	116.481	52.424	37.945	32.903	27.510	26.711	23.316	18.473	21.968
80.0	216.336	52.124	35.149	25.812	19.422	16.227	16.027	14.429	10.285	13.480
82.5	87.722	29.357	21.069	12.282	11.233	8.987	6.990	7.040	4.993	6.041
85.0	22.767	10.984	8.737	4.993	4.094	3.295	3.045	2.996	2.896	2.946
87.5	3.894	3.595	3.495	3.295	2.996	2.746	2.646	2.497	2.396	2.497
90.0	2.297	2.396	2.497	2.497	2.396	2.396	2.297	2.246	2.197	2.246
92.5	2.347	2.546	2.596	2.646	2.646	2.546	2.497	2.497	2.396	2.446
95.0	2.396	2.596	2.746	2.796	2.796	2.696	2.696	2.646	2.596	2.646
97.5	2.497	2.746	2.846	2.896	2.896	2.896	2.846	2.846	2.796	2.846
100.0	2.546	2.746	2.946	2.996	3.045	2.996	2.996	2.996	2.996	2.996

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

CANDELA TABULATION - (Cont.)

102.5	2.546	2.796	3.045	3.095	3.146	3.095	3.095	3.146	3.146	3.146
105.0	2.546	2.846	3.095	3.195	3.195	3.195	3.195	3.245	3.245	3.245
107.5	2.946	2.846	3.045	3.195	3.245	3.195	3.245	3.295	3.295	3.345
110.0	2.446	2.796	3.045	3.095	3.195	3.195	3.295	3.295	3.345	3.345
112.5	2.396	2.746	3.045	3.045	3.095	3.146	3.245	3.295	3.295	3.295
115.0	2.396	2.696	2.946	2.996	3.045	3.095	3.146	3.195	3.245	3.245
117.5	2.297	2.696	2.896	2.946	2.946	2.946	3.045	3.095	3.095	3.146
120.0	2.297	2.646	2.796	2.896	2.896	2.896	2.946	2.996	3.045	3.045
122.5	2.347	2.696	2.846	2.896	2.946	2.896	2.946	2.996	2.996	2.996
125.0	2.347	2.696	2.946	2.996	3.045	3.045	3.095	3.095	3.095	3.095
127.5	2.446	2.796	3.045	3.195	3.245	3.345	3.295	3.345	3.345	3.345
130.0	2.546	2.946	3.195	3.395	3.545	3.645	3.645	3.645	3.694	3.645
132.5	2.646	2.996	3.295	3.545	3.795	3.894	3.944	3.944	3.994	3.994
135.0	2.696	3.095	3.345	3.694	3.894	4.094	4.244	4.294	4.294	4.194
137.5	2.746	3.095	3.395	3.694	4.044	4.244	4.444	4.493	4.493	4.493
140.0	2.846	3.195	3.495	3.795	4.144	4.394	4.543	4.643	4.693	4.693
142.5	2.996	3.295	3.645	4.044	4.394	4.593	4.743	4.843	4.893	4.943
145.0	3.095	3.545	3.894	4.294	4.543	4.793	4.993	5.043	5.143	5.143
147.5	3.395	3.795	4.094	4.493	4.793	5.043	5.192	5.293	5.342	5.342
150.0	3.595	3.994	4.344	4.693	5.043	5.242	5.442	5.542	5.592	5.642
152.5	3.944	4.294	4.643	5.043	5.293	5.542	5.742	5.841	5.891	5.841
155.0	4.344	4.643	5.043	5.293	5.592	5.841	5.991	6.141	6.191	6.191
157.5	4.743	5.043	5.293	5.592	5.841	6.041	6.241	6.291	6.341	6.341
160.0	5.242	5.392	5.642	5.942	6.091	6.291	6.441	6.541	6.591	6.591
162.5	5.841	5.942	6.091	6.241	6.391	6.541	6.690	6.790	6.890	6.840
165.0	6.241	6.341	6.391	6.541	6.640	6.740	6.990	6.990	7.090	7.040
167.5	6.690	6.690	6.740	6.790	6.940	6.990	7.139	7.190	7.190	7.240
170.0	7.040	7.040	6.990	7.090	7.090	7.190	7.240	7.289	7.339	7.389
172.5	7.289	7.240	7.190	7.190	7.190	7.190	7.240	7.289	7.389	7.439
175.0	7.389	7.339	7.289	7.240	7.190	7.190	7.190	7.289	7.389	7.489
177.5	7.389	7.289	7.289	7.190	7.139	7.139	7.190	7.240	7.439	7.489
180.0	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512

Vert. Angles **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0.0	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742	398.742
2.5	348.493	348.493	351.489	356.981	360.676	372.559	379.748	403.464	415.496	429.725
5.0	322.531	324.529	327.524	332.517	341.404	356.831	369.863	405.710	435.867	474.211
7.5	303.559	306.555	311.048	319.536	328.223	346.596	364.770	414.598	471.515	532.127

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

CANDELA TABULATION - (Cont.)

10.0	289.579	291.577	297.568	307.054	317.040	339.856	363.272	432.771	518.547	586.897
12.5	277.596	280.592	286.583	295.071	307.802	334.614	365.769	457.535	558.988	636.924
15.0	266.612	271.106	275.599	285.085	302.361	329.521	370.811	484.047	597.881	683.007
17.5	257.625	262.619	266.612	278.595	295.570	325.877	378.600	510.558	634.328	725.047
20.0	248.638	257.126	260.122	274.601	291.427	325.028	389.634	538.867	668.129	761.743
22.5	240.950	247.840	256.128	269.608	289.679	327.025	403.264	558.638	701.630	794.545
25.0	236.007	242.597	250.087	264.616	288.830	330.719	419.840	579.159	732.236	823.903
27.5	234.010	238.853	248.489	262.619	288.381	334.813	435.617	602.924	762.392	846.869
30.0	227.520	235.308	247.540	260.122	287.283	341.055	448.348	627.937	787.406	870.884
32.5	224.773	232.312	245.793	258.125	287.083	346.596	466.922	651.303	808.076	887.860
35.0	222.477	230.565	238.953	256.128	287.932	352.538	485.545	671.325	824.152	903.387
37.5	218.832	226.321	234.759	256.827	290.478	362.423	504.318	693.143	839.730	917.417
40.0	217.284	223.575	234.409	257.426	296.320	370.013	522.591	714.113	854.458	926.803
42.5	212.541	221.228	235.558	259.174	296.519	379.199	537.669	739.825	862.397	932.295
45.0	207.598	217.284	233.511	260.771	299.914	387.437	556.591	764.838	876.876	931.346
47.5	208.397	217.983	231.913	260.821	306.005	399.669	575.613	785.558	886.462	932.595
50.0	207.049	218.283	233.561	262.019	309.151	409.305	596.683	797.890	891.105	930.048
52.5	203.005	214.538	229.966	259.673	311.447	419.141	617.203	802.983	896.497	925.755
55.0	199.510	209.995	226.172	258.325	313.594	427.079	629.086	803.632	890.006	906.433
57.5	193.170	203.355	218.732	253.232	307.703	423.934	609.864	761.344	835.336	855.956
60.0	180.937	195.915	211.093	243.895	292.425	385.789	561.384	699.783	761.593	768.733
62.5	152.029	176.244	195.865	227.020	258.524	353.736	555.343	699.633	730.538	717.457
65.0	129.012	141.744	171.900	190.224	225.722	339.207	555.593	697.087	704.327	680.511
67.5	108.592	115.183	127.165	151.579	202.056	319.585	550.799	689.648	662.987	621.297
70.0	86.524	91.867	91.617	110.190	168.805	285.734	535.921	682.758	610.563	537.369
72.5	64.506	65.705	65.804	75.290	126.416	228.668	500.074	638.522	526.186	433.071
75.0	45.833	43.038	45.733	52.224	75.890	162.064	426.430	548.753	434.618	304.907
77.5	26.811	27.210	31.554	37.246	48.380	90.718	312.895	400.168	314.893	191.222
80.0	16.126	16.975	19.372	25.263	30.456	43.986	175.345	221.029	187.278	97.309
82.5	7.938	8.887	11.233	12.782	17.924	24.714	71.247	109.291	99.905	34.201
85.0	3.195	3.295	4.294	5.242	7.839	12.582	17.275	33.152	37.895	14.080
87.5	2.646	2.796	2.896	3.146	3.295	3.395	3.495	5.192	5.143	3.295
90.0	2.347	2.396	2.446	2.446	2.396	2.246	2.147	2.197	1.848	1.648
92.5	2.546	2.546	2.596	2.596	2.546	2.396	2.147	2.097	1.797	1.448
95.0	2.696	2.746	2.746	2.796	2.696	2.546	2.246	2.147	1.797	1.448
97.5	2.896	2.946	2.946	2.946	2.896	2.696	2.396	2.197	1.797	1.448
100.0	3.045	3.045	3.045	3.095	3.045	2.796	2.497	2.197	1.848	1.448
102.5	3.146	3.146	3.195	3.195	3.146	2.946	2.546	2.246	1.848	1.448
105.0	3.295	3.245	3.245	3.295	3.245	2.996	2.596	2.147	1.797	1.398
107.5	3.345	3.295	3.295	3.295	3.195	3.095	2.896	2.446	2.246	1.747

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

CANDELA TABULATION - (Cont.)

110.0	3.345	3.345	3.295	3.245	3.195	3.045	2.646	2.097	1.747	1.348
112.5	3.345	3.295	3.245	3.245	3.195	2.996	2.596	2.047	1.698	1.398
115.0	3.245	3.195	3.146	3.146	3.146	2.996	2.596	1.997	1.698	1.348
117.5	3.146	3.095	3.045	3.095	3.095	2.896	2.596	1.997	1.698	1.348
120.0	3.045	3.045	3.045	3.045	2.996	2.896	2.497	2.047	1.698	1.348
122.5	3.045	3.045	3.045	3.095	3.045	2.846	2.497	2.097	1.747	1.348
125.0	3.146	3.195	3.146	3.146	3.095	2.896	2.596	2.147	1.797	1.448
127.5	3.395	3.345	3.395	3.345	3.245	2.996	2.646	2.197	1.797	1.448
130.0	3.694	3.694	3.694	3.545	3.445	3.195	2.796	2.246	1.848	1.498
132.5	3.994	3.944	3.894	3.844	3.595	3.295	2.946	2.246	1.848	1.498
135.0	4.194	4.194	4.094	3.944	3.744	3.395	2.996	2.297	1.848	1.498
137.5	4.444	4.394	4.294	4.094	3.844	3.495	3.095	2.347	1.997	1.648
140.0	4.643	4.593	4.493	4.194	3.944	3.545	3.195	2.497	2.097	1.747
142.5	4.893	4.793	4.643	4.344	4.094	3.744	3.345	2.646	2.297	1.897
145.0	5.143	4.993	4.793	4.543	4.244	3.894	3.545	2.796	2.446	2.097
147.5	5.342	5.192	4.993	4.743	4.394	4.144	3.795	3.045	2.696	2.396
150.0	5.542	5.392	5.242	4.993	4.693	4.394	4.094	3.445	3.095	2.796
152.5	5.841	5.692	5.542	5.293	5.043	4.743	4.444	3.994	3.595	3.245
155.0	6.141	5.991	5.841	5.692	5.442	5.242	4.943	4.643	4.194	3.894
157.5	6.341	6.191	6.141	5.991	5.792	5.642	5.442	5.342	5.043	4.693
160.0	6.490	6.490	6.441	6.341	6.191	6.141	5.991	6.041	5.642	5.442
162.5	6.840	6.740	6.740	6.640	6.640	6.591	6.541	6.591	6.291	6.091
165.0	7.040	7.040	7.040	6.990	7.040	7.040	7.040	6.990	6.790	6.591
167.5	7.289	7.339	7.339	7.339	7.389	7.389	7.439	7.289	7.090	6.890
170.0	7.439	7.489	7.589	7.589	7.639	7.739	7.788	7.439	7.240	7.090
172.5	7.539	7.639	7.739	7.788	7.839	7.938	7.938	7.439	7.240	7.139
175.0	7.639	7.689	7.788	7.788	7.889	7.938	8.039	7.439	7.289	7.139
177.5	7.639	7.689	7.739	7.788	7.938	7.988	8.088	7.489	7.289	7.240
180.0	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512	7.512

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	398.742	398.742	398.742	398.742	398.742	398.742	398.742
2.5	450.995	458.334	479.803	483.297	502.270	515.252	505.765
5.0	519.096	549.202	574.665	586.648	612.610	630.584	621.097
7.5	588.146	616.105	657.545	674.020	703.478	721.452	712.465
10.0	642.666	680.511	724.447	739.426	768.883	785.359	776.871
12.5	696.588	733.933	777.870	792.349	820.807	834.287	830.294
15.0	745.417	780.865	824.801	842.276	867.240	875.728	874.729

IES INDOOR REPORT**PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES****CANDELA TABULATION - (Cont.)**

17.5	788.604	824.302	864.743	883.716	908.180	907.182	908.180
20.0	827.348	863.246	900.691	912.674	937.138	940.134	937.638
22.5	857.554	894.201	917.666	937.638	956.111	965.597	968.592
25.0	886.861	916.168	932.145	967.095	978.078	984.070	1001.545
27.5	907.282	943.129	947.124	979.077	987.565	997.550	1016.023
30.0	932.445	953.614	958.607	984.070	996.052	1005.538	1024.511
32.5	948.971	964.099	966.096	983.072	994.555	1024.012	1051.472
35.0	959.805	967.095	978.078	974.085	981.574	1023.512	1032.499
37.5	958.806	973.086	976.082	959.106	980.575	1026.508	1026.508
40.0	960.504	970.589	979.576	960.104	980.575	1025.010	1035.495
42.5	959.156	963.600	964.099	965.098	975.583	1029.005	1003.043
45.0	964.748	962.102	947.623	977.579	998.050	1038.990	1012.029
47.5	968.592	972.087	966.596	983.072	1001.045	1052.970	1017.022
50.0	957.359	977.579	1002.543	1015.025	1032.499	1074.439	1052.471
52.5	948.572	988.064	1020.018	1048.476	1057.463	1091.414	1085.422
55.0	938.386	988.064	1053.969	1070.444	1104.894	1152.825	1104.395
57.5	930.847	1013.028	1088.918	1133.353	1178.288	1178.787	1146.834
60.0	869.087	1021.016	1122.868	1175.292	1125.864	1054.468	991.060
62.5	785.558	983.221	1142.340	1057.463	993.256	956.261	884.215
65.0	742.671	861.049	991.808	963.001	844.572	674.669	575.014
67.5	679.613	741.173	802.484	729.689	522.641	338.358	289.379
70.0	559.287	590.742	556.941	394.127	192.121	121.773	99.006
72.5	421.238	437.015	317.588	161.466	95.661	72.644	58.665
75.0	290.977	269.608	138.898	87.922	51.326	46.633	38.244
77.5	160.267	143.142	76.738	38.045	26.512	27.660	23.266
80.0	72.145	68.151	37.396	16.077	16.326	18.423	15.228
82.5	31.604	29.258	11.882	10.385	9.536	9.187	7.589
85.0	13.730	10.235	4.943	4.344	3.545	3.245	2.896
87.5	3.045	2.297	2.047	1.797	1.548	1.448	1.298
90.0	1.199	0.999	0.948	0.849	0.749	0.699	0.649
92.5	1.148	0.948	0.849	0.699	0.649	0.550	0.550
95.0	1.148	0.948	0.799	0.649	0.550	0.499	0.449
97.5	1.098	0.849	0.699	0.550	0.449	0.449	0.449
100.0	1.098	0.799	0.599	0.449	0.400	0.400	0.449
102.5	1.049	0.749	0.550	0.449	0.400	0.400	0.449
105.0	1.199	0.749	0.550	0.449	0.400	0.400	0.400
107.5	1.049	0.699	0.550	0.449	0.449	0.400	0.400
110.0	0.999	0.699	0.550	0.449	0.449	0.400	0.400
112.5	0.999	0.699	0.599	0.499	0.449	0.400	0.400
115.0	0.999	0.699	0.550	0.449	0.449	0.400	0.449

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

CANDELA TABULATION - (Cont.)

117.5	0.948	0.699	0.550	0.449	0.449	0.449	0.449
120.0	0.999	0.699	0.550	0.499	0.449	0.400	0.449
122.5	0.999	0.699	0.550	0.550	0.449	0.499	0.449
125.0	0.999	0.749	0.599	0.499	0.449	0.449	0.449
127.5	1.049	0.749	0.649	0.599	0.550	0.499	0.499
130.0	1.098	0.849	0.699	0.649	0.599	0.550	0.550
132.5	1.148	0.899	0.749	0.699	0.649	0.649	0.599
135.0	1.199	0.948	0.799	0.749	0.699	0.649	0.699
137.5	1.298	1.049	0.899	0.849	0.799	0.749	0.749
140.0	1.448	1.199	0.999	0.948	0.899	0.849	0.799
142.5	1.597	1.398	1.148	1.098	0.948	0.948	0.948
145.0	1.848	1.548	1.348	1.248	1.199	1.098	1.098
147.5	2.147	1.848	1.597	1.448	1.398	1.348	1.298
150.0	2.446	2.147	1.947	1.797	1.698	1.648	1.597
152.5	2.946	2.646	2.396	2.246	2.147	2.097	2.097
155.0	3.595	3.295	3.095	2.896	2.846	2.746	2.796
157.5	4.344	4.094	3.844	3.694	3.645	3.545	3.595
160.0	5.093	4.893	4.693	4.593	4.394	4.394	4.444
162.5	5.891	5.642	5.442	5.342	5.342	5.242	5.242
165.0	6.391	6.241	6.141	6.091	5.991	5.942	5.991
167.5	6.840	6.690	6.640	6.541	6.541	6.541	6.541
170.0	6.990	6.940	6.890	6.840	6.840	6.940	6.890
172.5	7.090	7.040	7.040	7.040	7.090	7.139	7.190
175.0	7.090	7.090	7.139	7.139	7.240	7.289	7.389
177.5	7.139	7.139	7.139	7.190	7.240	7.339	7.389
180.0	7.512	7.512	7.512	7.512	7.512	7.512	7.512

IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	198.84	N.A.	7.30
0-30	478.19	N.A.	17.50
0-40	875.32	N.A.	32.00
0-60	1986.04	N.A.	72.60
0-80	2700.01	N.A.	98.70
0-90	2720.65	N.A.	99.40
10-90	2676.35	N.A.	97.80
20-40	676.48	N.A.	24.70
20-50	1179.85	N.A.	43.10
40-70	1628.51	N.A.	59.50
60-80	713.97	N.A.	26.10
70-80	196.19	N.A.	7.20
80-90	20.64	N.A.	0.80
90-110	4.01	N.A.	0.10
90-120	5.90	N.A.	0.20
90-130	7.64	N.A.	0.30
90-150	11.40	N.A.	0.40
90-180	16.02	N.A.	0.60
110-180	12.00	N.A.	0.40
0-180	2736.67	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	44.31
10-20	154.53
20-30	279.35
30-40	397.13
40-50	503.37
50-60	607.35
60-70	517.79
70-80	196.19
80-90	20.64
90-100	1.93
100-110	2.08
110-120	1.89
120-130	1.74
130-140	1.86
140-150	1.90

150-160	2.07
160-170	1.84
170-180	0.71

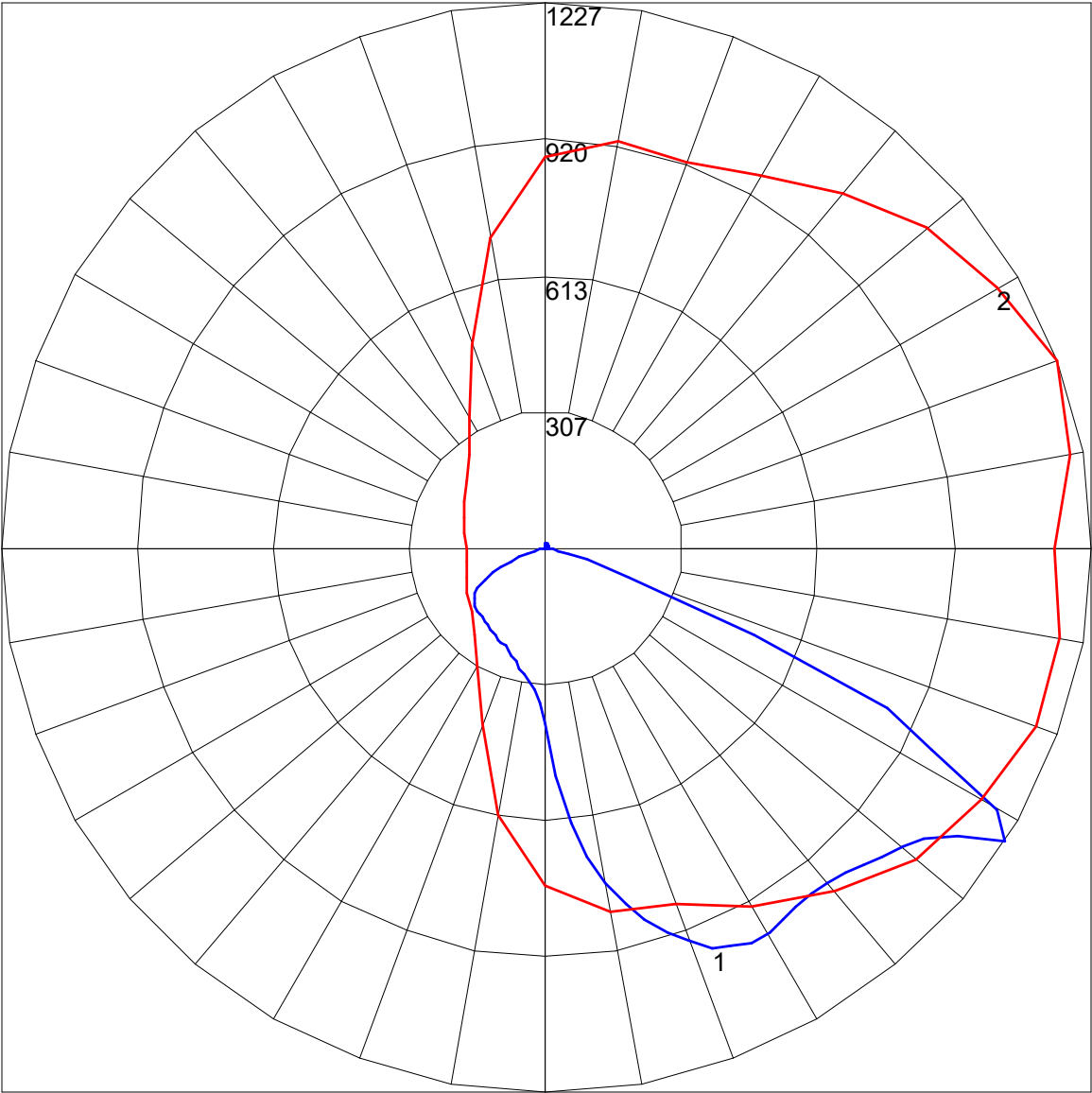
IES INDOOR REPORT
PHOTOMETRIC FILENAME : WPTZ-L27-740-T3-DIM-UNV.IES

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	101	101	101	99
1	108	103	98	94	105	100	96	93	96	93	90	92	89	87	88	86	84	82
2	97	88	80	74	94	86	79	73	82	76	71	79	74	70	75	71	68	66
3	87	75	66	59	84	74	65	59	71	63	58	68	62	56	65	60	55	53
4	79	65	56	48	76	64	55	48	61	53	47	59	52	46	56	51	46	43
5	71	57	47	40	69	56	47	40	54	46	39	52	44	39	50	43	38	36
6	65	51	41	34	63	50	40	34	48	39	33	46	39	33	44	38	33	30
7	60	45	36	29	58	44	35	29	43	35	29	41	34	28	40	33	28	26
8	55	41	32	25	54	40	31	25	39	31	25	37	30	25	36	29	25	22
9	51	37	28	22	50	36	28	22	35	27	22	34	27	22	33	26	22	20
10	48	34	25	20	47	33	25	20	32	25	20	31	24	19	30	24	19	17

POLAR GRAPH



Maximum Candela = 1226.718 Located At Horizontal Angle = 20, Vertical Angle = 57.5

1 - Vertical Plane Through Horizontal Angles (20 - 200) (Through Max. Cd.)

2 - Horizontal Plane Through Vertical Angle (57.5) (Through Max. Cd.)

Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.