



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-L32-8TW-FAD-DIM-UNV 4000K\_.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #12609413.01A

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 06-MAR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S22-L23/8TW-AD-DIM-UNV 4000k

[LUMINAIRE] White formed steel housing, clear lens enclosure, clear in

[MORE] ternal lens, acrylic diffuser

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3231
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	27.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.18
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	1.76 ft
Luminous Width (90-270)	1.77 ft
Luminous Height	0.00 ft

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

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3502	3780	4110
55	3076	3441	3978
65	2521	2992	3557
75	1719	2056	2088
85	591	712	558

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**CANDELA TABULATION**

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1268.456	1268.456	1268.456	1268.456	1268.456
0.5	1271.306	1269.169	1267.743	1267.031	1269.169
1.0	1270.594	1269.169	1267.031	1267.031	1269.169
1.5	1270.594	1268.456	1266.318	1266.318	1268.456
2.0	1269.881	1267.743	1265.606	1265.606	1267.743
2.5	1268.456	1267.031	1264.893	1264.893	1266.318
3.0	1267.743	1265.606	1264.180	1263.468	1265.606
3.5	1266.318	1264.180	1262.755	1262.755	1264.180
4.0	1264.893	1262.755	1261.330	1261.330	1262.755
4.5	1262.755	1261.330	1259.905	1259.905	1262.042
5.0	1261.330	1259.905	1258.479	1258.479	1260.617
5.5	1259.192	1257.767	1257.054	1257.054	1259.192
6.0	1257.054	1255.629	1254.916	1255.629	1257.767
6.5	1254.916	1253.491	1252.778	1254.204	1256.342
7.0	1252.066	1251.353	1251.353	1252.778	1254.916
7.5	1249.928	1249.215	1249.215	1251.353	1254.204
8.0	1247.790	1247.078	1247.790	1249.928	1252.066
8.5	1244.940	1244.940	1245.652	1247.790	1251.353
9.0	1242.802	1242.089	1244.227	1246.365	1249.928
9.5	1239.951	1239.951	1242.089	1244.940	1247.790
10.0	1237.101	1237.101	1239.951	1243.514	1246.365
10.5	1233.538	1234.250	1237.101	1241.377	1244.940
11.0	1230.687	1231.400	1234.963	1239.239	1242.802
11.5	1227.124	1228.550	1232.113	1237.101	1241.377
12.0	1223.561	1224.986	1229.262	1234.963	1239.239
12.5	1219.998	1221.423	1226.412	1232.825	1236.388
13.0	1216.435	1217.860	1222.849	1229.975	1234.250
13.5	1212.159	1213.585	1219.286	1227.124	1231.400
14.0	1207.884	1210.022	1215.722	1223.561	1227.837
14.5	1203.608	1205.746	1212.159	1219.998	1224.986
15.0	1199.332	1201.470	1208.596	1216.435	1221.423
15.5	1194.344	1196.482	1204.321	1212.872	1217.860
16.0	1190.068	1192.206	1200.045	1208.596	1213.585
16.5	1185.080	1187.218	1195.769	1204.321	1210.022
17.0	1180.092	1182.229	1191.493	1200.758	1205.746
17.5	1175.103	1177.241	1187.218	1196.482	1202.183
18.0	1169.402	1172.253	1182.229	1192.206	1197.907
18.5	1164.414	1167.265	1177.241	1187.930	1194.344
19.0	1158.713	1161.564	1172.965	1183.655	1190.068
19.5	1153.012	1156.575	1167.977	1180.092	1186.505
20.0	1146.599	1150.874	1162.989	1175.816	1182.229
20.5	1140.898	1145.173	1158.001	1171.540	1177.954
21.0	1134.484	1139.473	1152.300	1167.265	1174.391
21.5	1128.783	1133.059	1147.311	1162.276	1169.402
22.0	1122.370	1127.358	1141.610	1157.288	1165.127
22.5	1115.956	1120.945	1135.909	1152.300	1160.138
23.0	1108.830	1114.531	1130.209	1147.311	1155.150
23.5	1101.704	1108.117	1123.795	1141.610	1149.449
24.0	1095.290	1100.991	1118.094	1135.909	1144.461
24.5	1088.164	1093.865	1111.681	1130.209	1138.760
25.0	1080.325	1086.739	1105.267	1123.795	1133.059
25.5	1072.487	1079.613	1098.141	1117.381	1126.645
26.0	1065.361	1071.774	1091.727	1110.968	1120.945
26.5	1056.809	1063.935	1084.601	1104.554	1114.531

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**CANDELA TABULATION - (Cont.)**

27.0	1048.970	1056.097	1077.475	1098.141	1108.830
27.5	1040.419	1048.258	1070.349	1091.727	1102.417
28.0	1032.580	1040.419	1063.223	1085.314	1096.003
28.5	1024.029	1032.580	1056.097	1078.900	1090.302
29.0	1016.190	1024.741	1048.970	1072.487	1083.889
29.5	1007.639	1016.903	1041.844	1066.073	1077.475
30.0	999.087	1008.351	1034.005	1059.660	1071.774
30.5	990.536	1000.512	1026.879	1052.533	1065.361
31.0	982.697	992.674	1019.040	1046.120	1058.947
31.5	974.146	984.122	1011.914	1039.706	1052.533
32.0	965.594	976.284	1004.076	1032.580	1046.120
32.5	957.043	967.732	996.237	1025.454	1038.994
33.0	948.492	959.181	988.398	1018.328	1032.580
33.5	939.228	950.629	980.559	1011.202	1025.454
34.0	930.676	942.078	972.720	1004.076	1018.328
34.5	922.125	933.527	964.169	996.237	1011.202
35.0	912.861	924.263	956.330	989.111	1004.076
35.5	902.884	915.711	948.492	981.272	996.949
36.0	893.620	906.447	939.940	973.433	989.823
36.5	884.356	897.183	931.389	966.307	982.697
37.0	875.092	887.919	923.550	958.468	974.858
37.5	865.828	879.368	914.999	950.629	967.732
38.0	856.564	870.104	905.735	942.078	959.893
38.5	846.587	860.840	897.183	934.239	952.055
39.0	837.323	851.576	888.632	925.688	943.503
39.5	828.059	842.312	879.368	917.849	935.664
40.0	818.083	833.048	870.104	909.298	927.113
40.5	808.819	823.071	861.552	900.034	919.274
41.0	798.842	813.807	852.288	891.482	910.723
41.5	788.866	804.543	843.024	882.931	902.884
42.0	779.602	794.567	833.048	874.379	894.333
42.5	769.625	784.590	823.784	865.115	886.494
43.0	759.648	774.613	813.807	856.564	877.943
43.5	749.672	764.637	804.543	847.300	869.391
44.0	738.983	754.660	795.279	838.749	860.840
44.5	729.006	744.683	785.303	829.485	852.288
45.0	719.029	733.994	776.039	820.933	843.737
45.5	708.768	724.018	766.062	812.382	835.186
46.0	698.435	714.041	756.798	803.118	825.922
46.5	688.102	703.423	746.821	793.854	817.370
47.0	677.840	693.161	737.557	784.590	808.106
47.5	667.578	682.757	727.581	775.326	799.555
48.0	657.245	672.567	717.604	766.062	791.003
48.5	647.055	662.163	707.414	756.085	782.452
49.0	636.722	651.830	697.294	746.821	773.901
49.5	626.318	641.568	686.890	736.845	765.349
50.0	615.843	631.306	676.629	727.581	756.085
50.5	605.367	620.760	666.296	718.317	747.534
51.0	595.105	610.284	655.963	708.981	738.270
51.5	584.986	599.737	645.630	699.575	729.006
52.0	574.725	589.119	635.083	690.168	719.742
52.5	564.392	578.573	624.750	680.691	710.620
53.0	554.059	567.955	614.489	671.141	701.143
53.5	543.583	557.265	604.156	661.450	691.594
54.0	533.108	546.576	593.823	651.616	681.831
54.5	522.632	535.745	583.561	641.853	672.139

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55.0	512.299	524.913	573.086	631.948	662.519
55.5	501.895	514.152	562.610	622.042	652.756
56.0	491.634	503.249	552.063	611.923	643.064
56.5	481.158	492.489	541.517	601.947	633.515
57.0	470.611	481.799	531.113	591.827	623.681
57.5	460.278	471.039	520.780	581.779	613.918
58.0	449.803	460.421	510.375	571.589	604.084
58.5	439.470	449.732	500.185	561.399	594.250
59.0	429.208	439.114	489.852	551.280	584.274
59.5	419.089	428.567	479.590	541.232	574.368
60.0	408.828	418.163	469.115	531.041	564.463
60.5	398.709	407.759	458.782	520.922	554.843
61.0	388.589	397.497	448.449	510.660	543.797
61.5	378.541	387.022	438.045	500.470	531.184
62.0	368.494	376.617	427.712	490.493	518.072
62.5	358.659	366.284	417.522	479.804	504.888
63.0	348.897	356.023	407.402	468.687	491.705
63.5	338.991	345.904	397.212	456.858	478.308
64.0	329.086	335.713	387.093	444.387	465.053
64.5	319.181	325.523	376.974	431.845	452.012
65.0	309.346	315.404	367.068	419.089	436.477
65.5	299.655	305.427	357.092	406.191	419.944
66.0	289.892	295.593	347.186	393.364	403.127
66.5	280.343	285.688	337.281	379.967	387.164
67.0	270.936	275.996	327.376	365.216	372.841
67.5	261.530	266.376	317.542	349.823	358.517
68.0	251.981	256.827	307.137	335.072	343.980
68.5	242.432	247.206	296.448	320.463	329.015
69.0	233.025	237.729	285.901	306.710	313.836
69.5	223.690	228.393	274.927	293.028	298.372
70.0	214.569	219.129	263.810	279.488	283.407
70.5	205.518	209.937	252.694	265.948	270.153
71.0	196.397	200.958	241.505	252.195	257.183
71.5	187.560	192.121	230.389	238.798	244.356
72.0	178.653	183.356	219.058	226.541	231.458
72.5	169.816	174.591	208.084	214.711	218.559
73.0	161.336	166.182	196.896	203.238	205.803
73.5	153.070	158.129	185.708	191.907	192.976
74.0	144.804	149.863	175.090	180.648	180.506
74.5	137.250	141.953	164.899	169.674	168.534
75.0	129.197	133.829	154.495	158.628	156.918
75.5	121.501	125.848	144.518	147.511	145.374
76.0	113.876	118.152	134.827	136.822	134.328
76.5	106.251	110.455	125.634	126.489	123.781
77.0	98.840	102.830	117.012	116.584	113.805
77.5	91.642	95.704	108.888	107.106	104.256
78.0	84.587	88.578	100.621	98.056	95.419
78.5	77.818	81.595	92.783	89.505	86.868
79.0	71.262	74.825	84.944	81.167	78.530
79.5	64.991	68.340	77.390	73.257	70.763
80.0	59.005	62.211	70.193	65.774	63.352
80.5	53.304	56.297	63.352	58.862	56.510
81.0	47.888	50.667	56.867	52.377	50.097
81.5	42.757	45.394	50.667	46.320	44.111
82.0	37.840	40.405	44.752	40.690	38.481
82.5	33.208	35.702	39.265	35.488	33.279

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

83.0	28.861	31.284	34.134	30.714	28.505
83.5	24.870	27.222	29.502	26.367	24.229
84.0	21.236	23.516	25.298	22.447	20.310
84.5	17.958	20.096	21.450	18.956	16.960
85.0	14.965	17.103	18.029	15.891	14.110
85.5	12.328	14.324	14.965	13.183	11.616
86.0	9.977	11.901	12.400	10.832	9.549
86.5	7.981	9.763	10.048	8.765	7.625
87.0	6.271	7.839	8.053	6.912	5.915
87.5	4.917	6.271	6.342	5.273	4.347
88.0	3.777	5.060	4.988	4.062	3.278
88.5	2.850	3.991	3.919	3.278	2.708
89.0	2.067	3.207	3.207	2.637	2.280
89.5	1.639	2.565	2.565	2.209	1.853
90.0	1.211	1.995	1.995	1.782	1.496
90.5	0.000	0.000	0.000	0.000	0.000
91.0	0.000	0.000	0.000	0.000	0.000
91.5	0.000	0.000	0.000	0.000	0.000
92.0	0.000	0.000	0.000	0.000	0.000
92.5	0.000	0.000	0.000	0.000	0.000
93.0	0.000	0.000	0.000	0.000	0.000
93.5	0.000	0.000	0.000	0.000	0.000
94.0	0.000	0.000	0.000	0.000	0.000
94.5	0.000	0.000	0.000	0.000	0.000
95.0	0.000	0.000	0.000	0.000	0.000
95.5	0.000	0.000	0.000	0.000	0.000
96.0	0.000	0.000	0.000	0.000	0.000
96.5	0.000	0.000	0.000	0.000	0.000
97.0	0.000	0.000	0.000	0.000	0.000
97.5	0.000	0.000	0.000	0.000	0.000
98.0	0.000	0.000	0.000	0.000	0.000
98.5	0.000	0.000	0.000	0.000	0.000
99.0	0.000	0.000	0.000	0.000	0.000
99.5	0.000	0.000	0.000	0.000	0.000
100.0	0.000	0.000	0.000	0.000	0.000
100.5	0.000	0.000	0.000	0.000	0.000
101.0	0.000	0.000	0.000	0.000	0.000
101.5	0.000	0.000	0.000	0.000	0.000
102.0	0.000	0.000	0.000	0.000	0.000
102.5	0.000	0.000	0.000	0.000	0.000
103.0	0.000	0.000	0.000	0.000	0.000
103.5	0.000	0.000	0.000	0.000	0.000
104.0	0.000	0.000	0.000	0.000	0.000
104.5	0.000	0.000	0.000	0.000	0.000
105.0	0.000	0.000	0.000	0.000	0.000
105.5	0.000	0.000	0.000	0.000	0.000
106.0	0.000	0.000	0.000	0.000	0.000
106.5	0.000	0.000	0.000	0.000	0.000
107.0	0.000	0.000	0.000	0.000	0.000
107.5	0.000	0.000	0.000	0.000	0.000
108.0	0.000	0.000	0.000	0.000	0.000
108.5	0.000	0.000	0.000	0.000	0.000
109.0	0.000	0.000	0.000	0.000	0.000
109.5	0.000	0.000	0.000	0.000	0.000
110.0	0.000	0.000	0.000	0.000	0.000
110.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

111.0	0.000	0.000	0.000	0.000	0.000
111.5	0.000	0.000	0.000	0.000	0.000
112.0	0.000	0.000	0.000	0.000	0.000
112.5	0.000	0.000	0.000	0.000	0.000
113.0	0.000	0.000	0.000	0.000	0.000
113.5	0.000	0.000	0.000	0.000	0.000
114.0	0.000	0.000	0.000	0.000	0.000
114.5	0.000	0.000	0.000	0.000	0.000
115.0	0.000	0.000	0.000	0.000	0.000
115.5	0.000	0.000	0.000	0.000	0.000
116.0	0.000	0.000	0.000	0.000	0.000
116.5	0.000	0.000	0.000	0.000	0.000
117.0	0.000	0.000	0.000	0.000	0.000
117.5	0.000	0.000	0.000	0.000	0.000
118.0	0.000	0.000	0.000	0.000	0.000
118.5	0.000	0.000	0.000	0.000	0.000
119.0	0.000	0.000	0.000	0.000	0.000
119.5	0.000	0.000	0.000	0.000	0.000
120.0	0.000	0.000	0.000	0.000	0.000
120.5	0.000	0.000	0.000	0.000	0.000
121.0	0.000	0.000	0.000	0.000	0.000
121.5	0.000	0.000	0.000	0.000	0.000
122.0	0.000	0.000	0.000	0.000	0.000
122.5	0.000	0.000	0.000	0.000	0.000
123.0	0.000	0.000	0.000	0.000	0.000
123.5	0.000	0.000	0.000	0.000	0.000
124.0	0.000	0.000	0.000	0.000	0.000
124.5	0.000	0.000	0.000	0.000	0.000
125.0	0.000	0.000	0.000	0.000	0.000
125.5	0.000	0.000	0.000	0.000	0.000
126.0	0.000	0.000	0.000	0.000	0.000
126.5	0.000	0.000	0.000	0.000	0.000
127.0	0.000	0.000	0.000	0.000	0.000
127.5	0.000	0.000	0.000	0.000	0.000
128.0	0.000	0.000	0.000	0.000	0.000
128.5	0.000	0.000	0.000	0.000	0.000
129.0	0.000	0.000	0.000	0.000	0.000
129.5	0.000	0.000	0.000	0.000	0.000
130.0	0.000	0.000	0.000	0.000	0.000
130.5	0.000	0.000	0.000	0.000	0.000
131.0	0.000	0.000	0.000	0.000	0.000
131.5	0.000	0.000	0.000	0.000	0.000
132.0	0.000	0.000	0.000	0.000	0.000
132.5	0.000	0.000	0.000	0.000	0.000
133.0	0.000	0.000	0.000	0.000	0.000
133.5	0.000	0.000	0.000	0.000	0.000
134.0	0.000	0.000	0.000	0.000	0.000
134.5	0.000	0.000	0.000	0.000	0.000
135.0	0.000	0.000	0.000	0.000	0.000
135.5	0.000	0.000	0.000	0.000	0.000
136.0	0.000	0.000	0.000	0.000	0.000
136.5	0.000	0.000	0.000	0.000	0.000
137.0	0.000	0.000	0.000	0.000	0.000
137.5	0.000	0.000	0.000	0.000	0.000
138.0	0.000	0.000	0.000	0.000	0.000
138.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT  
 PHOTOMETRIC FILENAME : DILG-S22-L32-8TW-FAD-DIM-UNV 4000K\_.IES

CANDELA TABULATION - (Cont.)

139.0	0.000	0.000	0.000	0.000	0.000
139.5	0.000	0.000	0.000	0.000	0.000
140.0	0.000	0.000	0.000	0.000	0.000
140.5	0.000	0.000	0.000	0.000	0.000
141.0	0.000	0.000	0.000	0.000	0.000
141.5	0.000	0.000	0.000	0.000	0.000
142.0	0.000	0.000	0.000	0.000	0.000
142.5	0.000	0.000	0.000	0.000	0.000
143.0	0.000	0.000	0.000	0.000	0.000
143.5	0.000	0.000	0.000	0.000	0.000
144.0	0.000	0.000	0.000	0.000	0.000
144.5	0.000	0.000	0.000	0.000	0.000
145.0	0.000	0.000	0.000	0.000	0.000
145.5	0.000	0.000	0.000	0.000	0.000
146.0	0.000	0.000	0.000	0.000	0.000
146.5	0.000	0.000	0.000	0.000	0.000
147.0	0.000	0.000	0.000	0.000	0.000
147.5	0.000	0.000	0.000	0.000	0.000
148.0	0.000	0.000	0.000	0.000	0.000
148.5	0.000	0.000	0.000	0.000	0.000
149.0	0.000	0.000	0.000	0.000	0.000
149.5	0.000	0.000	0.000	0.000	0.000
150.0	0.000	0.000	0.000	0.000	0.000
150.5	0.000	0.000	0.000	0.000	0.000
151.0	0.000	0.000	0.000	0.000	0.000
151.5	0.000	0.000	0.000	0.000	0.000
152.0	0.000	0.000	0.000	0.000	0.000
152.5	0.000	0.000	0.000	0.000	0.000
153.0	0.000	0.000	0.000	0.000	0.000
153.5	0.000	0.000	0.000	0.000	0.000
154.0	0.000	0.000	0.000	0.000	0.000
154.5	0.000	0.000	0.000	0.000	0.000
155.0	0.000	0.000	0.000	0.000	0.000
155.5	0.000	0.000	0.000	0.000	0.000
156.0	0.000	0.000	0.000	0.000	0.000
156.5	0.000	0.000	0.000	0.000	0.000
157.0	0.000	0.000	0.000	0.000	0.000
157.5	0.000	0.000	0.000	0.000	0.000
158.0	0.000	0.000	0.000	0.000	0.000
158.5	0.000	0.000	0.000	0.000	0.000
159.0	0.000	0.000	0.000	0.000	0.000
159.5	0.000	0.000	0.000	0.000	0.000
160.0	0.000	0.000	0.000	0.000	0.000
160.5	0.000	0.000	0.000	0.000	0.000
161.0	0.000	0.000	0.000	0.000	0.000
161.5	0.000	0.000	0.000	0.000	0.000
162.0	0.000	0.000	0.000	0.000	0.000
162.5	0.000	0.000	0.000	0.000	0.000
163.0	0.000	0.000	0.000	0.000	0.000
163.5	0.000	0.000	0.000	0.000	0.000
164.0	0.000	0.000	0.000	0.000	0.000
164.5	0.000	0.000	0.000	0.000	0.000
165.0	0.000	0.000	0.000	0.000	0.000
165.5	0.000	0.000	0.000	0.000	0.000
166.0	0.000	0.000	0.000	0.000	0.000
166.5	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : DILG-S22-L32-8TW-FAD-DIM-UNV 4000K\_.IES

CANDELA TABULATION - (Cont.)

167.0	0.000	0.000	0.000	0.000	0.000
167.5	0.000	0.000	0.000	0.000	0.000
168.0	0.000	0.000	0.000	0.000	0.000
168.5	0.000	0.000	0.000	0.000	0.000
169.0	0.000	0.000	0.000	0.000	0.000
169.5	0.000	0.000	0.000	0.000	0.000
170.0	0.000	0.000	0.000	0.000	0.000
170.5	0.000	0.000	0.000	0.000	0.000
171.0	0.000	0.000	0.000	0.000	0.000
171.5	0.000	0.000	0.000	0.000	0.000
172.0	0.000	0.000	0.000	0.000	0.000
172.5	0.000	0.000	0.000	0.000	0.000
173.0	0.000	0.000	0.000	0.000	0.000
173.5	0.000	0.000	0.000	0.000	0.000
174.0	0.000	0.000	0.000	0.000	0.000
174.5	0.000	0.000	0.000	0.000	0.000
175.0	0.000	0.000	0.000	0.000	0.000
175.5	0.000	0.000	0.000	0.000	0.000
176.0	0.000	0.000	0.000	0.000	0.000
176.5	0.000	0.000	0.000	0.000	0.000
177.0	0.000	0.000	0.000	0.000	0.000
177.5	0.000	0.000	0.000	0.000	0.000
178.0	0.000	0.000	0.000	0.000	0.000
178.5	0.000	0.000	0.000	0.000	0.000
179.0	0.000	0.000	0.000	0.000	0.000
179.5	0.000	0.000	0.000	0.000	0.000
180.0	0.000	0.000	0.000	0.000	0.000



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L32-8TW-FAD-DIM-UNV 4000K\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	460.44	N.A.	14.30
0-30	969.20	N.A.	30.00
0-40	1567.42	N.A.	48.50
0-60	2684.86	N.A.	83.10
0-80	3206.9	N.A.	99.30
0-90	3231.03	N.A.	100.00
10-90	3111.43	N.A.	96.30
20-40	1106.98	N.A.	34.30
20-50	1706.87	N.A.	52.80
40-70	1480.33	N.A.	45.80
60-80	522.04	N.A.	16.20
70-80	159.14	N.A.	4.90
80-90	24.13	N.A.	0.70
90-110	0.05	N.A.	0.00
90-120	0.05	N.A.	0.00
90-130	0.05	N.A.	0.00
90-150	0.05	N.A.	0.00
90-180	0.05	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3231.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	119.60
10-20	340.84
20-30	508.76
30-40	598.23
40-50	599.89
50-60	517.55
60-70	362.89
70-80	159.14
80-90	24.13
90-100	0.05
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L32-8TW-FAD-DIM-UNV 4000K\_.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	147	147	147	147	144	144	144	144	137	137	137	131	131	131	126	126	126	124
1	136	130	125	121	132	127	123	119	122	118	115	117	114	112	113	111	108	106
2	124	114	106	100	121	112	105	98	108	101	96	104	98	94	100	96	92	89
3	113	101	91	84	110	99	90	83	95	88	81	92	85	80	89	83	79	76
4	104	90	79	71	101	88	78	71	85	76	70	82	75	69	79	73	68	65
5	96	80	70	62	93	79	69	61	76	67	61	74	66	60	72	65	59	57
6	88	72	62	54	86	71	61	54	69	60	53	67	59	53	65	58	52	50
7	82	66	55	48	80	65	55	48	63	54	47	61	53	47	59	52	47	44
8	77	60	50	43	75	59	49	43	58	49	42	56	48	42	55	47	42	40
9	72	55	45	39	70	55	45	38	53	44	38	52	44	38	51	43	38	36
10	67	51	41	35	66	50	41	35	49	41	35	48	40	35	47	40	34	32

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L32-8TW-FAD-DIM-UNV 4000K\_.IES**

**UGR TABLE - CORRECTED**

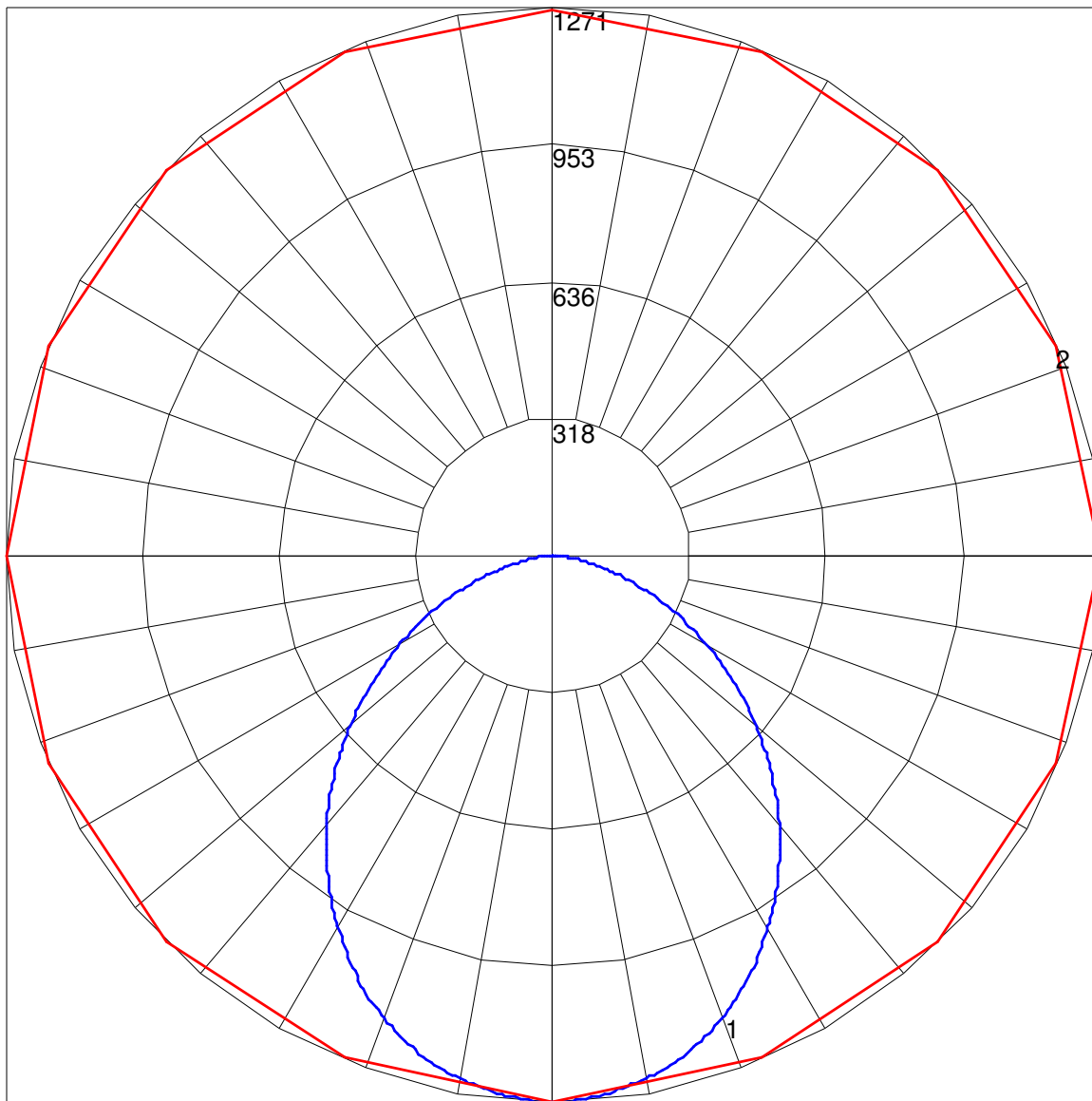
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	14.8	16.4	15.2	16.7	17.0	16.4	18.0	16.8	18.3	18.6
	3H	16.2	17.6	16.5	17.9	18.3	17.9	19.3	18.2	19.6	20.0
	4H	16.6	17.9	17.0	18.2	18.6	18.2	19.6	18.6	19.9	20.3
	6H	16.8	18.0	17.2	18.4	18.7	18.4	19.6	18.8	20.0	20.4
	8H	16.8	18.0	17.2	18.3	18.7	18.4	19.6	18.8	19.9	20.3
	12H	16.8	17.9	17.2	18.3	18.7	18.4	19.5	18.8	19.9	20.3
4H	2H	15.5	16.9	15.9	17.2	17.6	16.8	18.1	17.2	18.5	18.9
	3H	17.1	18.2	17.5	18.6	19.0	18.5	19.6	18.9	20.0	20.4
	4H	17.5	18.5	18.0	18.9	19.4	18.9	19.9	19.4	20.3	20.8
	6H	17.8	18.7	18.2	19.1	19.6	19.1	20.0	19.6	20.4	20.9
	8H	17.8	18.6	18.3	19.1	19.5	19.2	20.0	19.6	20.4	20.9
	12H	17.8	18.6	18.3	19.0	19.5	19.1	19.9	19.6	20.3	20.8
8H	4H	17.8	18.6	18.2	19.0	19.5	19.1	19.9	19.5	20.3	20.8
	6H	18.1	18.7	18.6	19.2	19.7	19.3	20.0	19.8	20.5	20.9
	8H	18.1	18.7	18.6	19.2	19.7	19.3	19.9	19.8	20.4	20.9
	12H	18.1	18.7	18.7	19.2	19.7	19.3	19.9	19.8	20.4	20.9
12H	4H	17.8	18.5	18.2	19.0	19.4	19.0	19.8	19.5	20.2	20.7
	6H	18.1	18.7	18.6	19.2	19.7	19.3	19.9	19.8	20.4	20.9
	8H	18.2	18.7	18.7	19.2	19.7	19.3	19.9	19.8	20.4	20.9

Maximum UGR = 20.9

POLAR GRAPH



Maximum Candela = 1271.306 Located At Horizontal Angle = 0, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)