



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-L45-835-FWPR-SD50-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #12609413.01A

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 10-05-2021

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S22-L45-835-FWPR-SD50-UNV

[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	3491
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
Total Luminaire Watts	33
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	3784	4084	4440
55	3323	3718	4298
65	2724	3232	3843
75	1857	2221	2256
85	639	770	602

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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	1370.333	1370.333	1370.333	1370.333	1370.333
0.5	1373.412	1371.103	1369.563	1368.793	1371.103
1.0	1372.643	1371.103	1368.793	1368.793	1371.103
1.5	1372.643	1370.333	1368.023	1368.023	1370.333
2.0	1371.873	1369.563	1367.254	1367.254	1369.563
2.5	1370.333	1368.793	1366.484	1366.484	1368.023
3.0	1369.563	1367.254	1365.714	1364.944	1367.254
3.5	1368.023	1365.714	1364.174	1364.174	1365.714
4.0	1366.484	1364.174	1362.635	1362.635	1364.174
4.5	1364.174	1362.635	1361.095	1361.095	1363.404
5.0	1362.635	1361.095	1359.555	1359.555	1361.865
5.5	1360.325	1358.785	1358.015	1358.015	1360.325
6.0	1358.015	1356.476	1355.706	1356.476	1358.785
6.5	1355.706	1354.166	1353.396	1354.936	1357.246
7.0	1352.626	1351.857	1351.857	1353.396	1355.706
7.5	1350.317	1349.547	1349.547	1351.857	1354.936
8.0	1348.007	1347.238	1348.007	1350.317	1352.626
8.5	1344.928	1344.928	1345.698	1348.007	1351.857
9.0	1342.618	1341.849	1344.158	1346.468	1350.317
9.5	1339.539	1339.539	1341.849	1344.928	1348.007
10.0	1336.460	1336.460	1339.539	1343.388	1346.468
10.5	1332.610	1333.380	1336.460	1341.079	1344.928
11.0	1329.531	1330.301	1334.150	1338.769	1342.618
11.5	1325.682	1327.221	1331.071	1336.460	1341.079
12.0	1321.832	1323.372	1327.991	1334.150	1338.769
12.5	1317.983	1319.523	1324.912	1331.841	1335.690
13.0	1314.134	1315.674	1321.063	1328.761	1333.380
13.5	1309.515	1311.055	1317.213	1325.682	1330.301
14.0	1304.896	1307.205	1313.364	1321.832	1326.452
14.5	1300.277	1302.586	1309.515	1317.983	1323.372
15.0	1295.658	1297.967	1305.666	1314.134	1319.523
15.5	1290.269	1292.578	1301.047	1310.285	1315.674
16.0	1285.650	1287.959	1296.427	1305.666	1311.055
16.5	1280.261	1282.570	1291.808	1301.047	1307.205
17.0	1274.872	1277.181	1287.189	1297.197	1302.586
17.5	1269.483	1271.792	1282.570	1292.578	1298.737
18.0	1263.324	1266.403	1277.181	1287.959	1294.118
18.5	1257.935	1261.014	1271.792	1283.340	1290.269
19.0	1251.776	1254.856	1267.173	1278.721	1285.650
19.5	1245.617	1249.467	1261.784	1274.872	1281.800
20.0	1238.689	1243.308	1256.395	1270.253	1277.181
20.5	1232.530	1237.149	1251.006	1265.633	1272.562
21.0	1225.601	1230.990	1244.847	1261.014	1268.713
21.5	1219.442	1224.062	1239.459	1255.625	1263.324
22.0	1212.514	1217.903	1233.300	1250.236	1258.705
22.5	1205.585	1210.974	1227.141	1244.847	1253.316
23.0	1197.887	1204.045	1220.982	1239.459	1247.927
23.5	1190.188	1197.117	1214.053	1233.300	1241.768
24.0	1183.259	1189.418	1207.895	1227.141	1236.379
24.5	1175.561	1181.720	1200.966	1220.982	1230.220
25.0	1167.093	1174.021	1194.037	1214.053	1224.062
25.5	1158.624	1166.323	1186.339	1207.125	1217.133
26.0	1150.926	1157.854	1179.410	1200.196	1210.974
26.5	1141.688	1149.386	1171.712	1193.268	1204.045

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CANDELA TABULATION - (Cont.)

27.0	1133.219	1140.918	1164.013	1186.339	1197.887
27.5	1123.981	1132.449	1156.315	1179.410	1190.958
28.0	1115.513	1123.981	1148.616	1172.482	1184.029
28.5	1106.274	1115.513	1140.918	1165.553	1177.871
29.0	1097.806	1107.044	1133.219	1158.624	1170.942
29.5	1088.568	1098.576	1125.521	1151.696	1164.013
30.0	1079.330	1089.338	1117.052	1144.767	1157.854
30.5	1070.092	1080.869	1109.354	1137.068	1150.926
31.0	1061.623	1072.401	1100.886	1130.140	1143.997
31.5	1052.385	1063.163	1093.187	1123.211	1137.068
32.0	1043.147	1054.695	1084.719	1115.513	1130.140
32.5	1033.909	1045.456	1076.250	1107.814	1122.441
33.0	1024.670	1036.218	1067.782	1100.116	1115.513
33.5	1014.662	1026.980	1059.314	1092.417	1107.814
34.0	1005.424	1017.742	1050.845	1084.719	1100.116
34.5	996.186	1008.504	1041.607	1076.250	1092.417
35.0	986.178	998.495	1033.139	1068.552	1084.719
35.5	975.400	989.257	1024.670	1060.083	1077.020
36.0	965.392	979.249	1015.432	1051.615	1069.322
36.5	955.384	969.241	1006.194	1043.917	1061.623
37.0	945.376	959.233	997.726	1035.448	1053.155
37.5	935.368	949.995	988.487	1026.980	1045.456
38.0	925.360	939.987	978.479	1017.742	1036.988
38.5	914.582	929.979	969.241	1009.273	1028.520
39.0	904.574	919.971	960.003	1000.035	1019.281
39.5	894.566	909.963	949.995	991.567	1010.813
40.0	883.788	899.955	939.987	982.329	1001.575
40.5	873.780	889.177	930.749	972.321	993.107
41.0	863.002	879.169	920.741	963.082	983.868
41.5	852.224	869.161	910.733	953.844	975.400
42.0	842.216	858.383	899.955	944.606	966.162
42.5	831.438	847.605	889.947	934.598	957.693
43.0	820.660	836.827	879.169	925.360	948.455
43.5	809.882	826.049	869.161	915.352	939.217
44.0	798.334	815.271	859.153	906.113	929.979
44.5	787.557	804.493	848.375	896.105	920.741
45.0	776.779	792.946	838.367	886.867	911.502
45.5	765.693	782.168	827.589	877.629	902.264
46.0	754.530	771.390	817.581	867.621	892.256
46.5	743.367	759.919	806.803	857.613	883.018
47.0	732.281	748.833	796.795	847.605	873.010
47.5	721.195	737.593	786.017	837.597	863.772
48.0	710.033	726.584	775.239	827.589	854.534
48.5	699.024	715.345	764.230	816.811	845.295
49.0	687.861	704.182	753.298	806.803	836.057
49.5	676.621	693.096	742.058	796.025	826.819
50.0	665.304	682.010	730.973	786.017	816.811
50.5	653.988	670.616	719.810	776.009	807.573
51.0	642.902	659.300	708.647	765.924	797.565
51.5	631.970	647.906	697.484	755.762	787.557
52.0	620.884	636.435	686.090	745.600	777.549
52.5	609.721	625.041	674.928	735.361	767.694
53.0	598.558	613.570	663.842	725.045	757.455
53.5	587.242	602.023	652.679	714.575	747.139
54.0	575.925	590.475	641.516	703.951	736.592
54.5	564.608	578.773	630.430	693.404	726.123

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CANDELA TABULATION - (Cont.)

55.0	553.445	567.072	619.113	682.703	715.730
55.5	542.205	555.447	607.797	672.002	705.183
56.0	531.120	543.668	596.403	661.070	694.713
56.5	519.803	532.043	585.009	650.292	684.397
57.0	508.409	520.496	573.769	639.360	673.773
57.5	497.246	508.871	562.606	628.506	663.226
58.0	485.929	497.400	551.367	617.497	652.602
58.5	474.767	485.852	540.358	606.488	641.978
59.0	463.681	474.382	529.195	595.556	631.200
59.5	452.749	462.988	518.109	584.701	620.499
60.0	441.663	451.748	506.792	573.692	609.798
60.5	430.731	440.508	495.629	562.760	599.405
61.0	419.799	429.422	484.467	551.675	587.473
61.5	408.944	418.106	473.227	540.666	573.846
62.0	398.089	406.866	462.064	529.888	559.681
62.5	387.466	395.703	451.055	518.340	545.439
63.0	376.919	384.617	440.123	506.330	531.197
63.5	366.218	373.685	429.114	493.551	516.723
64.0	355.517	362.676	418.183	480.078	502.404
64.5	344.816	351.667	407.251	466.529	488.316
65.0	334.192	340.736	396.550	452.749	471.533
65.5	323.722	329.958	385.772	438.815	453.673
66.0	313.175	319.334	375.071	424.957	435.504
66.5	302.859	308.633	364.370	410.484	418.260
67.0	292.697	298.163	353.669	394.548	402.786
67.5	282.535	287.770	343.045	377.919	387.312
68.0	272.219	277.454	331.805	361.983	371.607
68.5	261.903	267.061	320.258	346.202	355.440
69.0	251.741	256.822	308.864	331.343	339.042
69.5	241.656	246.737	297.008	316.562	322.336
70.0	231.802	236.729	284.998	301.935	306.169
70.5	222.025	226.798	272.989	287.308	291.850
71.0	212.171	217.098	260.902	272.450	277.839
71.5	202.625	207.552	248.893	257.977	263.982
72.0	193.001	198.082	236.652	244.735	250.047
72.5	183.455	188.613	224.796	231.956	236.113
73.0	174.294	179.529	212.710	219.561	222.333
73.5	165.364	170.830	200.623	207.321	208.475
74.0	156.434	161.899	189.152	195.157	195.003
74.5	148.273	153.354	178.143	183.301	182.070
75.0	139.574	144.578	166.903	171.369	169.521
75.5	131.259	135.956	156.126	159.359	157.049
76.0	123.022	127.641	145.656	147.811	145.117
76.5	114.785	119.327	135.725	136.648	133.723
77.0	106.778	111.089	126.409	125.947	122.945
77.5	99.003	103.391	117.633	115.708	112.629
78.0	91.381	95.692	108.703	105.931	103.083
78.5	84.068	88.148	100.234	96.693	93.845
79.0	76.985	80.834	91.766	87.686	84.837
79.5	70.210	73.829	83.606	79.141	76.446
80.0	63.744	67.208	75.830	71.057	68.440
80.5	57.585	60.818	68.440	63.590	61.049
81.0	51.734	54.736	61.434	56.584	54.120
81.5	46.191	49.039	54.736	50.040	47.654
82.0	40.879	43.650	48.347	43.958	41.572
82.5	35.875	38.569	42.419	38.339	35.952

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CANDELA TABULATION - (Cont.)

83.0	31.179	33.796	36.876	33.181	30.794
83.5	26.868	29.408	31.872	28.484	26.175
84.0	22.942	25.405	27.330	24.250	21.941
84.5	19.400	21.710	23.172	20.478	18.322
85.0	16.167	18.476	19.477	17.168	15.243
85.5	13.318	15.474	16.167	14.242	12.549
86.0	10.778	12.856	13.395	11.702	10.316
86.5	8.622	10.547	10.855	9.469	8.237
87.0	6.775	8.468	8.699	7.468	6.390
87.5	5.312	6.775	6.852	5.697	4.696
88.0	4.080	5.466	5.389	4.388	3.541
88.5	3.079	4.311	4.234	3.541	2.925
89.0	2.233	3.464	3.464	2.848	2.464
89.5	1.771	2.771	2.771	2.387	2.002
90.0	1.309	2.156	2.156	1.925	1.617
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-L45-835-FWPR-SD50-UNV_.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
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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-L45-835-FWPR-SD50-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	497.42	N.A.	14.30
0-30	1047.04	N.A.	30.00
0-40	1693.31	N.A.	48.50
0-60	2900.5	N.A.	83.10
0-80	3464.46	N.A.	99.30
0-90	3490.53	N.A.	100.00
10-90	3361.33	N.A.	96.30
20-40	1195.89	N.A.	34.30
20-50	1843.96	N.A.	52.80
40-70	1599.22	N.A.	45.80
60-80	563.96	N.A.	16.20
70-80	171.93	N.A.	4.90
80-90	26.07	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	3490.58	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	129.20
10-20	368.22
20-30	549.62
30-40	646.28
40-50	648.07
50-60	559.11
60-70	392.04
70-80	171.93
80-90	26.07
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-L45-835-FWPR-SD50-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	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	93	90	91	89	88	86
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	49	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-835-FWPR-SD50-UNV_.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

X=2H	Y=2H	15.9	17.5	16.3	17.8	18.1	17.5	19.1	17.9	19.4	19.7
	3H	17.3	18.7	17.6	19.0	19.4	19.0	20.4	19.4	20.7	21.1
	4H	17.7	19.0	18.1	19.3	19.7	19.3	20.7	19.7	21.0	21.4
	6H	17.9	19.1	18.3	19.5	19.8	19.5	20.7	19.9	21.1	21.5
	8H	17.9	19.1	18.3	19.4	19.8	19.5	20.7	19.9	21.0	21.4
	12H	17.9	19.0	18.3	19.4	19.8	19.5	20.6	19.9	21.0	21.4

UGR Viewed Endwise

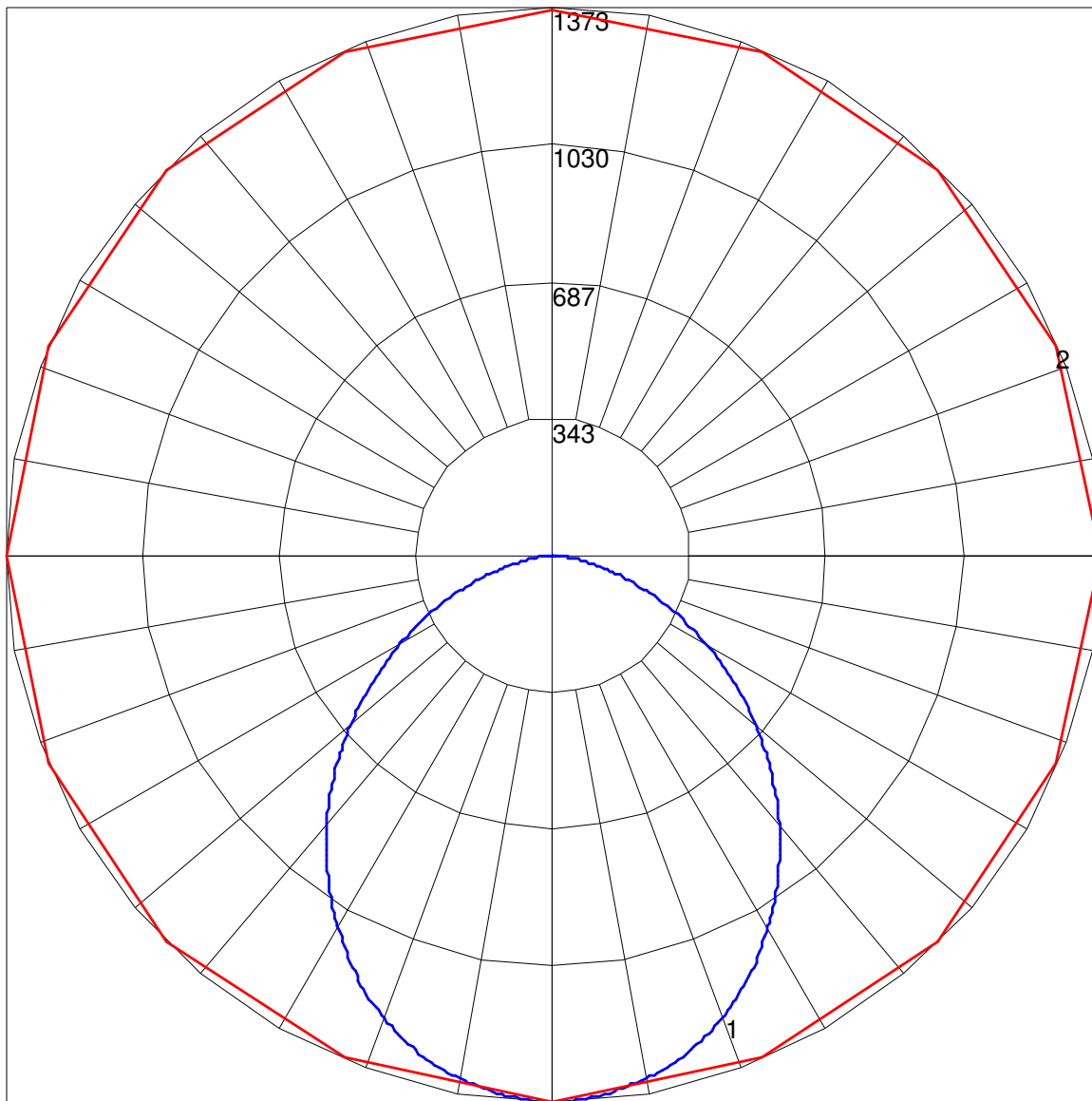
4H	2H	16.6	18.0	17.0	18.3	18.7	17.9	19.2	18.3	19.6	20.0
	3H	18.2	19.3	18.6	19.7	20.1	19.6	20.7	20.0	21.1	21.5
	4H	18.6	19.6	19.1	20.0	20.5	20.0	21.0	20.5	21.4	21.9
	6H	18.9	19.8	19.3	20.2	20.7	20.2	21.1	20.7	21.6	22.0
	8H	18.9	19.7	19.4	20.2	20.6	20.3	21.1	20.7	21.5	22.0
	12H	18.9	19.7	19.4	20.1	20.6	20.2	21.0	20.7	21.4	21.9

8H	4H	18.9	19.7	19.3	20.1	20.6	20.2	21.0	20.6	21.4	21.9
	6H	19.2	19.8	19.7	20.3	20.8	20.4	21.1	20.9	21.6	22.0
	8H	19.2	19.8	19.7	20.3	20.8	20.4	21.0	20.9	21.5	22.0
	12H	19.2	19.8	19.8	20.3	20.8	20.4	21.0	20.9	21.5	22.0

12H	4H	18.9	19.6	19.3	20.1	20.5	20.1	20.9	20.6	21.3	21.8
	6H	19.2	19.8	19.7	20.3	20.8	20.4	21.0	20.9	21.5	22.0
	8H	19.3	19.8	19.8	20.3	20.8	20.4	21.0	20.9	21.5	22.0

Maximum UGR = 22.0

POLAR GRAPH



Maximum Candela = 1373.412 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.)