



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-L32-835-FAD-DIM-UNV\_.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-L32/835-AD-DIM-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	3202
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	134
Total Luminaire Watts	23.9
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	3471	3746	4073
55	3049	3410	3943
65	2498	2965	3525
75	1704	2037	2069
85	586	706	553

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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	1257.071	1257.071	1257.071	1257.071	1257.071
0.5	1259.896	1257.777	1256.365	1255.658	1257.777
1.0	1259.190	1257.777	1255.658	1255.658	1257.777
1.5	1259.190	1257.071	1254.952	1254.952	1257.071
2.0	1258.483	1256.365	1254.246	1254.246	1256.365
2.5	1257.071	1255.658	1253.540	1253.540	1254.952
3.0	1256.365	1254.246	1252.834	1252.127	1254.246
3.5	1254.952	1252.834	1251.421	1251.421	1252.834
4.0	1253.540	1251.421	1250.009	1250.009	1251.421
4.5	1251.421	1250.009	1248.596	1248.596	1250.715
5.0	1250.009	1248.596	1247.184	1247.184	1249.302
5.5	1247.890	1246.478	1245.771	1245.771	1247.890
6.0	1245.771	1244.359	1243.653	1244.359	1246.478
6.5	1243.653	1242.240	1241.534	1242.947	1245.065
7.0	1240.828	1240.122	1240.122	1241.534	1243.653
7.5	1238.709	1238.003	1238.003	1240.122	1242.947
8.0	1236.591	1235.884	1236.591	1238.709	1240.828
8.5	1233.766	1233.766	1234.472	1236.591	1240.122
9.0	1231.647	1230.941	1233.059	1235.178	1238.709
9.5	1228.822	1228.822	1230.941	1233.766	1236.591
10.0	1225.997	1225.997	1228.822	1232.353	1235.178
10.5	1222.466	1223.172	1225.997	1230.235	1233.766
11.0	1219.641	1220.347	1223.879	1228.116	1231.647
11.5	1216.110	1217.523	1221.054	1225.997	1230.235
12.0	1212.579	1213.992	1218.229	1223.879	1228.116
12.5	1209.048	1210.460	1215.404	1221.760	1225.291
13.0	1205.517	1206.929	1211.873	1218.935	1223.172
13.5	1201.280	1202.692	1208.342	1216.110	1220.347
14.0	1197.042	1199.161	1204.811	1212.579	1216.816
14.5	1192.805	1194.924	1201.280	1209.048	1213.992
15.0	1188.568	1190.686	1197.748	1205.517	1210.460
15.5	1183.624	1185.743	1193.511	1201.986	1206.929
16.0	1179.387	1181.505	1189.274	1197.748	1202.692
16.5	1174.443	1176.562	1185.037	1193.511	1199.161
17.0	1169.500	1171.618	1180.799	1189.980	1194.924
17.5	1164.556	1166.675	1176.562	1185.743	1191.392
18.0	1158.906	1161.731	1171.618	1181.505	1187.155
18.5	1153.963	1156.788	1166.675	1177.268	1183.624
19.0	1148.313	1151.138	1162.437	1173.031	1179.387
19.5	1142.663	1146.194	1157.494	1169.500	1175.856
20.0	1136.307	1140.545	1152.550	1165.262	1171.618
20.5	1130.658	1134.895	1147.607	1161.025	1167.381
21.0	1124.302	1129.245	1141.957	1156.788	1163.850
21.5	1118.652	1122.889	1137.014	1151.844	1158.906
22.0	1112.296	1117.239	1131.364	1146.901	1154.669
22.5	1105.940	1110.883	1125.714	1141.957	1149.726
23.0	1098.878	1104.527	1120.064	1137.014	1144.782
23.5	1091.816	1098.171	1113.708	1131.364	1139.132
24.0	1085.460	1091.109	1108.059	1125.714	1134.189
24.5	1078.397	1084.047	1101.703	1120.064	1128.539
25.0	1070.629	1076.985	1095.347	1113.708	1122.889
25.5	1062.861	1069.923	1088.284	1107.352	1116.533
26.0	1055.798	1062.154	1081.928	1100.996	1110.883
26.5	1047.324	1054.386	1074.866	1094.640	1104.527

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**CANDELA TABULATION - (Cont.)**

27.0	1039.555	1046.617	1067.804	1088.284	1098.878
27.5	1031.081	1038.849	1060.742	1081.928	1092.522
28.0	1023.312	1031.081	1053.680	1075.572	1086.166
28.5	1014.838	1023.312	1046.617	1069.216	1080.516
29.0	1007.069	1015.544	1039.555	1062.861	1074.160
29.5	998.595	1007.775	1032.493	1056.505	1067.804
30.0	990.120	999.301	1024.725	1050.149	1062.154
30.5	981.645	991.532	1017.662	1043.086	1055.798
31.0	973.877	983.764	1009.894	1036.730	1049.442
31.5	965.402	975.289	1002.832	1030.374	1043.086
32.0	956.928	967.521	995.063	1023.312	1036.730
32.5	948.453	959.046	987.295	1016.250	1029.668
33.0	939.978	950.572	979.527	1009.188	1023.312
33.5	930.797	942.097	971.758	1002.126	1016.250
34.0	922.323	933.622	963.990	995.063	1009.188
34.5	913.848	925.148	955.515	987.295	1002.126
35.0	904.667	915.967	947.747	980.233	995.063
35.5	894.780	907.492	939.978	972.464	988.001
36.0	885.599	898.311	931.504	964.696	980.939
36.5	876.419	889.130	923.029	957.634	973.877
37.0	867.238	879.950	915.261	949.865	966.108
37.5	858.057	871.475	906.786	942.097	959.046
38.0	848.876	862.294	897.605	933.622	951.278
38.5	838.989	853.113	889.130	925.854	943.509
39.0	829.808	843.932	880.656	917.379	935.035
39.5	820.627	834.752	871.475	909.611	927.266
40.0	810.740	825.571	862.294	901.136	918.792
40.5	801.559	815.684	853.820	891.955	911.023
41.0	791.672	806.503	844.639	883.481	902.549
41.5	781.785	797.322	835.458	875.006	894.780
42.0	772.604	787.435	825.571	866.531	886.306
42.5	762.717	777.548	816.390	857.351	878.537
43.0	752.830	767.661	806.503	848.876	870.063
43.5	742.943	757.774	797.322	839.695	861.588
44.0	732.350	747.887	788.141	831.220	853.113
44.5	722.463	737.999	778.254	822.040	844.639
45.0	712.576	727.406	769.073	813.565	836.164
45.5	702.406	717.519	759.186	805.090	827.689
46.0	692.166	707.632	750.005	795.910	818.509
46.5	681.926	697.109	740.118	786.729	810.034
47.0	671.756	686.940	730.937	777.548	800.853
47.5	661.587	676.629	721.050	768.367	792.378
48.0	651.346	666.530	711.163	759.186	783.904
48.5	641.247	656.219	701.064	749.299	775.429
49.0	631.007	645.979	691.036	740.118	766.955
49.5	620.696	635.810	680.725	730.231	758.480
50.0	610.315	625.640	670.556	721.050	749.299
50.5	599.934	615.188	660.315	711.869	740.824
51.0	589.764	604.806	650.075	702.618	731.644
51.5	579.736	594.354	639.835	693.296	722.463
52.0	569.566	583.832	629.383	683.974	713.282
52.5	559.326	573.380	619.143	674.581	704.242
53.0	549.086	562.857	608.973	665.118	694.849
53.5	538.704	552.264	598.733	655.513	685.386
54.0	528.323	541.670	588.493	645.767	675.711
54.5	517.941	530.936	578.323	636.092	666.106

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**CANDELA TABULATION - (Cont.)**

55.0	507.701	520.201	567.942	626.276	656.572
55.5	497.390	509.537	557.560	616.459	646.897
56.0	487.221	498.732	547.108	606.431	637.293
56.5	476.839	488.068	536.656	596.544	627.829
57.0	466.387	477.475	526.345	586.515	618.083
57.5	456.147	466.811	516.105	576.558	608.408
58.0	445.766	456.288	505.794	566.459	598.662
58.5	435.526	445.695	495.696	556.360	588.917
59.0	425.356	435.173	485.455	546.331	579.029
59.5	415.328	424.720	475.286	536.374	569.213
60.0	405.158	414.410	464.904	526.275	559.397
60.5	395.130	404.099	454.664	516.247	549.863
61.0	385.102	393.929	444.424	506.077	538.916
61.5	375.144	383.548	434.113	495.978	526.416
62.0	365.186	373.237	423.873	486.091	513.422
62.5	355.440	362.997	413.774	475.498	500.357
63.0	345.765	352.827	403.746	464.481	487.292
63.5	335.949	342.799	393.647	452.757	474.015
64.0	326.132	332.700	383.618	440.399	460.879
64.5	316.316	322.601	373.590	427.969	447.955
65.0	306.570	312.573	363.774	415.328	432.560
65.5	296.965	302.686	353.887	402.545	416.175
66.0	287.290	292.940	344.070	389.833	399.508
66.5	277.827	283.123	334.254	376.556	383.689
67.0	268.505	273.519	324.437	361.938	369.494
67.5	259.183	263.985	314.691	346.683	355.299
68.0	249.719	254.522	304.381	332.064	340.892
68.5	240.256	244.988	293.787	317.587	326.062
69.0	230.934	235.595	283.335	303.957	311.019
69.5	221.682	226.343	272.460	290.398	295.694
70.0	212.643	217.163	261.443	276.979	280.864
70.5	203.674	208.052	250.425	263.561	267.728
71.0	194.634	199.154	239.338	249.931	254.875
71.5	185.877	190.397	228.321	236.654	242.163
72.0	177.049	181.710	217.092	224.507	229.380
72.5	168.292	173.024	206.216	212.784	216.598
73.0	159.888	164.690	195.128	201.414	203.956
73.5	151.696	156.710	184.041	190.185	191.244
74.0	143.504	148.518	173.518	179.027	178.885
74.5	136.018	140.679	163.419	168.151	167.021
75.0	128.038	132.628	153.108	157.204	155.510
75.5	120.410	124.718	143.221	146.187	144.069
76.0	112.854	117.091	133.617	135.594	133.122
76.5	105.297	109.464	124.507	125.354	122.670
77.0	97.953	101.907	115.961	115.538	112.783
77.5	90.820	94.845	107.910	106.145	103.320
78.0	83.828	87.783	99.718	97.176	94.563
78.5	77.119	80.862	91.950	88.701	86.088
79.0	70.622	74.153	84.181	80.438	77.825
79.5	64.407	67.726	76.695	72.599	70.128
80.0	58.475	61.653	69.563	65.184	62.783
80.5	52.825	55.791	62.783	58.334	56.003
81.0	47.458	50.212	56.356	51.907	49.647
81.5	42.373	44.986	50.212	45.904	43.715
82.0	37.500	40.043	44.351	40.325	38.136
82.5	32.910	35.382	38.913	35.170	32.980

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**CANDELA TABULATION - (Cont.)**

83.0	28.602	31.003	33.828	30.438	28.249
83.5	24.647	26.978	29.237	26.130	24.011
84.0	21.045	23.305	25.071	22.246	20.127
84.5	17.797	19.915	21.257	18.785	16.808
85.0	14.831	16.949	17.867	15.749	13.983
85.5	12.218	14.195	14.831	13.065	11.511
86.0	9.887	11.794	12.288	10.735	9.463
86.5	7.910	9.675	9.958	8.687	7.557
87.0	6.215	7.768	7.980	6.850	5.862
87.5	4.873	6.215	6.285	5.226	4.308
88.0	3.743	5.014	4.944	4.025	3.249
88.5	2.825	3.955	3.884	3.249	2.684
89.0	2.048	3.178	3.178	2.613	2.260
89.5	1.624	2.542	2.542	2.189	1.836
90.0	1.201	1.977	1.977	1.766	1.483
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-L32-835-FAD-DIM-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  
PHOTOMETRIC FILENAME : DILG-S22-L32-835-FAD-DIM-UNV\_.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-L32-835-FAD-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	456.31	N.A.	14.30
0-30	960.50	N.A.	30.00
0-40	1553.36	N.A.	48.50
0-60	2660.76	N.A.	83.10
0-80	3178.11	N.A.	99.30
0-90	3202.03	N.A.	100.00
10-90	3083.5	N.A.	96.30
20-40	1097.05	N.A.	34.30
20-50	1691.55	N.A.	52.80
40-70	1467.04	N.A.	45.80
60-80	517.35	N.A.	16.20
70-80	157.72	N.A.	4.90
80-90	23.92	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	3202.08	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	118.52
10-20	337.78
20-30	504.19
30-40	592.86
40-50	594.50
50-60	512.90
60-70	359.64
70-80	157.72
80-90	23.92
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-L32-835-FAD-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	87	87	87	87	85	85	85	85	81	81	81	77	77	77	74	74	74	73
1	80	77	74	71	78	75	72	70	72	70	68	69	67	66	66	65	64	62
2	73	67	63	59	71	66	62	58	63	60	57	61	58	55	59	56	54	53
3	67	59	54	49	65	58	53	49	56	52	48	54	50	47	52	49	46	45
4	61	53	47	42	59	52	46	42	50	45	41	48	44	40	47	43	40	38
5	56	47	41	36	55	46	40	36	45	40	36	43	39	35	42	38	35	33
6	52	43	36	32	51	42	36	32	41	35	31	39	35	31	38	34	31	29
7	48	39	32	28	47	38	32	28	37	32	28	36	31	28	35	31	27	26
8	45	35	29	25	44	35	29	25	34	29	25	33	28	25	32	28	25	23
9	42	32	27	23	41	32	26	23	31	26	22	30	26	22	30	25	22	21
10	39	30	24	21	39	30	24	21	29	24	20	28	24	20	28	23	20	19

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L32-835-FAD-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

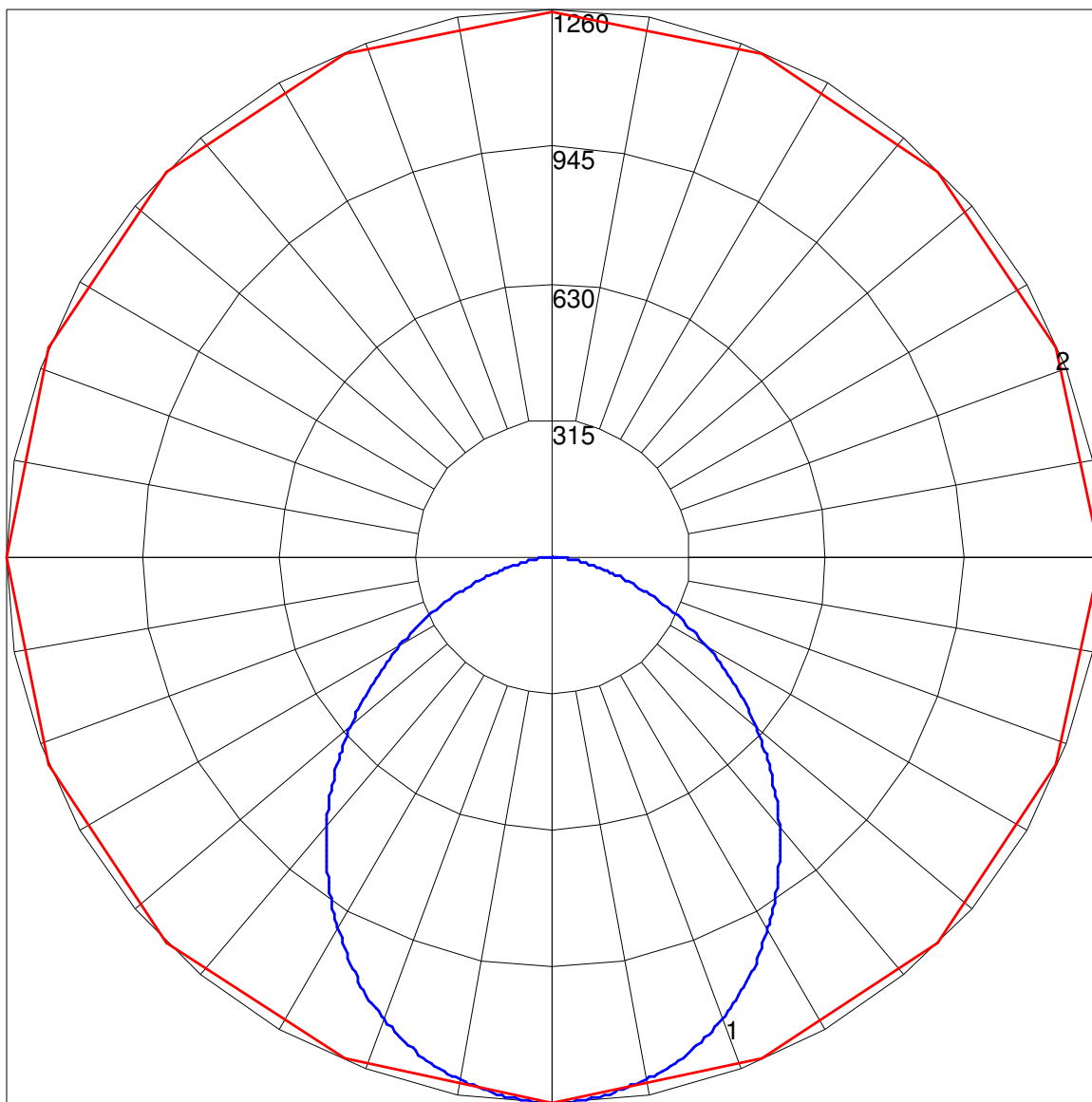
Reflectances

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					UGR Viewed Endwise				
X=2H	Y=2H	16.7	18.3	17.1	18.6	18.9	18.3	19.9	18.7	20.2	20.5
	3H	18.1	19.5	18.4	19.8	20.2	19.8	21.2	20.2	21.5	21.9
	4H	18.5	19.8	18.9	20.1	20.5	20.1	21.5	20.5	21.8	22.2
	6H	18.7	19.9	19.1	20.3	20.6	20.3	21.5	20.7	21.9	22.3
	8H	18.7	19.9	19.1	20.2	20.6	20.3	21.5	20.7	21.8	22.2
	12H	18.7	19.8	19.1	20.2	20.6	20.3	21.4	20.7	21.8	22.2
4H	2H	17.4	18.8	17.8	19.1	19.5	18.7	20.0	19.1	20.4	20.8
	3H	19.0	20.1	19.4	20.5	20.9	20.4	21.5	20.8	21.9	22.3
	4H	19.4	20.4	19.9	20.8	21.3	20.8	21.8	21.3	22.2	22.7
	6H	19.7	20.6	20.1	21.0	21.5	21.0	21.9	21.5	22.3	22.8
	8H	19.7	20.5	20.2	21.0	21.4	21.1	21.9	21.5	22.3	22.8
	12H	19.7	20.5	20.2	20.9	21.4	21.0	21.8	21.5	22.2	22.7
8H	4H	19.7	20.5	20.1	20.9	21.4	21.0	21.8	21.4	22.2	22.7
	6H	20.0	20.6	20.5	21.1	21.6	21.2	21.9	21.7	22.4	22.8
	8H	20.0	20.6	20.5	21.1	21.6	21.2	21.8	21.7	22.3	22.8
	12H	20.0	20.6	20.6	21.1	21.6	21.2	21.8	21.7	22.3	22.8
12H	4H	19.7	20.4	20.1	20.9	21.3	20.9	21.7	21.4	22.1	22.6
	6H	20.0	20.6	20.5	21.1	21.6	21.2	21.8	21.7	22.3	22.8
	8H	20.1	20.6	20.6	21.1	21.6	21.2	21.8	21.7	22.3	22.8

Maximum UGR = 22.8

POLAR GRAPH



Maximum Candela = 1259.896 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.)