



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L25-840-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] 03-16-2022
 [MANUFAC] H E Williams Inc
 [LUMCAT] DILG-S22-L25/840-FAD-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	2692
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	137
Total Luminaire Watts	19.6
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	2918	3150	3425
55	2563	2868	3315
65	2101	2493	2964
75	1433	1713	1740
85	493	594	465

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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	1057.015	1057.015	1057.015	1057.015	1057.015
0.5	1059.391	1057.609	1056.422	1055.828	1057.609
1.0	1058.797	1057.609	1055.828	1055.828	1057.609
1.5	1058.797	1057.015	1055.234	1055.234	1057.015
2.0	1058.203	1056.422	1054.640	1054.640	1056.422
2.5	1057.015	1055.828	1054.046	1054.046	1055.234
3.0	1056.422	1054.640	1053.452	1052.859	1054.640
3.5	1055.234	1053.452	1052.265	1052.265	1053.452
4.0	1054.046	1052.265	1051.077	1051.077	1052.265
4.5	1052.265	1051.077	1049.890	1049.890	1051.671
5.0	1051.077	1049.890	1048.702	1048.702	1050.483
5.5	1049.296	1048.108	1047.514	1047.514	1049.296
6.0	1047.514	1046.327	1045.733	1046.327	1048.108
6.5	1045.733	1044.545	1043.951	1045.139	1046.920
7.0	1043.357	1042.764	1042.764	1043.951	1045.733
7.5	1041.576	1040.982	1040.982	1042.764	1045.139
8.0	1039.794	1039.201	1039.794	1041.576	1043.357
8.5	1037.419	1037.419	1038.013	1039.794	1042.764
9.0	1035.638	1035.044	1036.825	1038.607	1041.576
9.5	1033.262	1033.262	1035.044	1037.419	1039.794
10.0	1030.887	1030.887	1033.262	1036.231	1038.607
10.5	1027.918	1028.512	1030.887	1034.450	1037.419
11.0	1025.543	1026.136	1029.106	1032.668	1035.638
11.5	1022.573	1023.761	1026.730	1030.887	1034.450
12.0	1019.604	1020.792	1024.355	1029.106	1032.668
12.5	1016.635	1017.823	1021.980	1027.324	1030.293
13.0	1013.666	1014.854	1019.010	1024.949	1028.512
13.5	1010.103	1011.291	1016.041	1022.573	1026.136
14.0	1006.540	1008.322	1013.072	1019.604	1023.167
14.5	1002.977	1004.759	1010.103	1016.635	1020.792
15.0	999.414	1001.196	1007.134	1013.666	1017.823
15.5	995.257	997.039	1003.571	1010.697	1014.854
16.0	991.694	993.476	1000.008	1007.134	1011.291
16.5	987.537	989.319	996.445	1003.571	1008.322
17.0	983.381	985.162	992.882	1000.602	1004.759
17.5	979.224	981.005	989.319	997.039	1001.789
18.0	974.473	976.849	985.162	993.476	998.226
18.5	970.316	972.692	981.005	989.913	995.257
19.0	965.566	967.941	977.442	986.350	991.694
19.5	960.815	963.784	973.286	983.381	988.725
20.0	955.471	959.034	969.129	979.818	985.162
20.5	950.720	954.283	964.972	976.255	981.599
21.0	945.376	949.532	960.221	972.692	978.630
21.5	940.625	944.188	956.065	968.535	974.473
22.0	935.281	939.437	951.314	964.378	970.910
22.5	929.936	934.093	946.563	960.221	966.753
23.0	923.998	928.748	941.813	956.065	962.597
23.5	918.060	923.404	936.468	951.314	957.846
24.0	912.715	917.466	931.718	946.563	953.689
24.5	906.777	911.527	926.373	941.813	948.939
25.0	900.245	905.589	921.029	936.468	944.188
25.5	893.713	899.651	915.090	931.124	938.844
26.0	887.774	893.119	909.746	925.779	934.093
26.5	880.648	886.587	903.808	920.435	928.748

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CANDELA TABULATION - (Cont.)

27.0	874.116	880.054	897.869	915.090	923.998
27.5	866.990	873.522	891.931	909.746	918.653
28.0	860.458	866.990	885.993	904.401	913.309
28.5	853.332	860.458	880.054	899.057	908.558
29.0	846.800	853.926	874.116	893.713	903.214
29.5	839.674	847.394	868.178	888.368	897.869
30.0	832.548	840.268	861.646	883.024	893.119
30.5	825.422	833.736	855.707	877.085	887.774
31.0	818.890	827.204	849.175	871.741	882.430
31.5	811.764	820.078	843.237	866.396	877.085
32.0	804.638	813.546	836.705	860.458	871.741
32.5	797.512	806.420	830.173	854.520	865.803
33.0	790.386	799.294	823.641	848.582	860.458
33.5	782.667	792.168	817.109	842.643	854.520
34.0	775.541	785.042	810.576	836.705	848.582
34.5	768.415	777.916	803.451	830.173	842.643
35.0	760.695	770.196	796.918	824.235	836.705
35.5	752.381	763.070	790.386	817.702	830.767
36.0	744.661	755.350	783.260	811.170	824.828
36.5	736.942	747.631	776.134	805.232	818.890
37.0	729.222	739.911	769.602	798.700	812.358
37.5	721.502	732.785	762.476	792.168	806.420
38.0	713.782	725.065	754.757	785.042	799.888
38.5	705.469	717.345	747.631	778.510	793.355
39.0	697.749	709.626	740.505	771.384	786.229
39.5	690.029	701.906	732.785	764.852	779.697
40.0	681.716	694.186	725.065	757.726	772.571
40.5	673.996	685.872	717.939	750.006	766.039
41.0	665.682	678.153	710.219	742.880	758.913
41.5	657.369	670.433	702.500	735.754	752.381
42.0	649.649	662.119	694.186	728.628	745.255
42.5	641.335	653.806	686.466	720.908	738.723
43.0	633.022	645.492	678.153	713.782	731.597
43.5	624.708	637.178	670.433	706.063	724.471
44.0	615.801	628.865	662.713	698.937	717.345
44.5	607.487	620.551	654.399	691.217	710.219
45.0	599.173	611.644	646.680	684.091	703.093
45.5	590.622	603.330	638.366	676.965	695.967
46.0	582.012	595.017	630.646	669.245	688.248
46.5	573.401	586.169	622.333	661.525	681.122
47.0	564.850	577.617	614.613	653.806	673.402
47.5	556.299	568.947	606.299	646.086	666.276
48.0	547.688	560.456	597.986	638.366	659.150
48.5	539.197	551.786	589.494	630.052	652.024
49.0	530.586	543.175	581.062	622.333	644.898
49.5	521.916	534.624	572.392	614.019	637.772
50.0	513.187	526.073	563.841	606.299	630.052
50.5	504.458	517.284	555.230	598.580	622.927
51.0	495.907	508.555	546.620	590.800	615.207
51.5	487.474	499.766	538.009	582.962	607.487
52.0	478.923	490.918	529.220	575.123	599.767
52.5	470.313	482.130	520.610	567.225	592.166
53.0	461.702	473.282	512.059	559.268	584.268
53.5	452.973	464.374	503.448	551.192	576.311
54.0	444.243	455.467	494.838	542.997	568.176
54.5	435.514	446.441	486.286	534.862	560.099

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CANDELA TABULATION - (Cont.)

55.0	426.904	437.414	477.557	526.607	552.083
55.5	418.234	428.448	468.828	518.353	543.947
56.0	409.683	419.362	460.039	509.921	535.871
56.5	400.953	410.395	451.251	501.607	527.914
57.0	392.165	401.488	442.581	493.175	519.719
57.5	383.554	392.521	433.970	484.802	511.584
58.0	374.825	383.673	425.300	476.310	503.389
58.5	366.214	374.765	416.809	467.818	495.194
59.0	357.663	365.917	408.198	459.386	486.880
59.5	349.231	357.129	399.647	451.013	478.626
60.0	340.680	348.459	390.918	442.521	470.372
60.5	332.247	339.789	382.307	434.089	462.355
61.0	323.815	331.238	373.697	425.538	453.151
61.5	315.442	322.508	365.027	417.046	442.640
62.0	307.069	313.839	356.416	408.732	431.714
62.5	298.874	305.228	347.924	399.825	420.728
63.0	290.739	296.677	339.492	390.561	409.742
63.5	282.484	288.245	331.000	380.704	398.578
64.0	274.230	279.753	322.568	370.312	387.533
64.5	265.976	271.261	314.135	359.860	376.666
65.0	257.781	262.829	305.881	349.231	363.720
65.5	249.705	254.515	297.568	338.482	349.943
66.0	241.570	246.320	289.313	327.794	335.929
66.5	233.612	238.066	281.059	316.630	322.627
67.0	225.774	229.990	272.805	304.337	310.691
67.5	217.935	221.973	264.610	291.511	298.755
68.0	209.978	214.016	255.940	279.218	286.641
68.5	202.021	205.999	247.033	267.045	274.171
69.0	194.182	198.101	238.244	255.584	261.522
69.5	186.403	190.322	229.099	244.182	248.636
70.0	178.802	182.602	219.835	232.900	236.166
70.5	171.260	174.942	210.572	221.617	225.121
71.0	163.659	167.460	201.249	210.156	214.313
71.5	156.296	160.096	191.985	198.992	203.624
72.0	148.873	152.792	182.543	188.778	192.876
72.5	141.509	145.488	173.398	178.921	182.127
73.0	134.443	138.481	164.075	169.360	171.498
73.5	127.554	131.771	154.752	159.918	160.809
74.0	120.666	124.882	145.904	150.536	150.417
74.5	114.371	118.291	137.412	141.391	140.441
75.0	107.661	111.521	128.742	132.186	130.761
75.5	101.248	104.870	120.429	122.923	121.141
76.0	94.894	98.457	112.352	114.015	111.937
76.5	88.540	92.043	104.692	105.405	103.148
77.0	82.364	85.690	97.507	97.150	94.834
77.5	76.366	79.751	90.737	89.252	86.877
78.0	70.487	73.813	83.849	81.711	79.514
78.5	64.846	67.993	77.317	74.585	72.388
79.0	59.383	62.352	70.784	67.637	65.440
79.5	54.157	56.948	64.490	61.046	58.967
80.0	49.169	51.841	58.492	54.810	52.791
80.5	44.418	46.912	52.791	49.050	47.091
81.0	39.905	42.221	47.388	43.646	41.746
81.5	35.630	37.827	42.221	38.599	36.758
82.0	31.532	33.670	37.292	33.908	32.067
82.5	27.672	29.751	32.720	29.573	27.732

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CANDELA TABULATION - (Cont.)

83.0	24.050	26.069	28.444	25.594	23.753
83.5	20.725	22.684	24.585	21.972	20.190
84.0	17.696	19.596	21.081	18.706	16.924
84.5	14.964	16.746	17.874	15.796	14.133
85.0	12.470	14.252	15.024	13.242	11.758
85.5	10.273	11.936	12.470	10.986	9.679
86.0	8.314	9.917	10.333	9.026	7.957
86.5	6.651	8.135	8.373	7.304	6.354
87.0	5.226	6.532	6.710	5.760	4.929
87.5	4.097	5.226	5.285	4.394	3.622
88.0	3.147	4.216	4.157	3.385	2.732
88.5	2.375	3.325	3.266	2.732	2.257
89.0	1.722	2.672	2.672	2.197	1.900
89.5	1.366	2.138	2.138	1.841	1.544
90.0	1.010	1.663	1.663	1.485	1.247
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

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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-L25-840-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-L25-840-FAD-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	383.69	N.A.	14.30
0-30	807.64	N.A.	30.00
0-40	1306.15	N.A.	48.50
0-60	2237.32	N.A.	83.10
0-80	2672.34	N.A.	99.30
0-90	2692.44	N.A.	100.00
10-90	2592.78	N.A.	96.30
20-40	922.46	N.A.	34.30
20-50	1422.35	N.A.	52.80
40-70	1233.57	N.A.	45.80
60-80	435.02	N.A.	16.20
70-80	132.62	N.A.	4.90
80-90	20.11	N.A.	0.70
90-110	0.04	N.A.	0.00
90-120	0.04	N.A.	0.00
90-130	0.04	N.A.	0.00
90-150	0.04	N.A.	0.00
90-180	0.04	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2692.49	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	99.66
10-20	284.03
20-30	423.95
30-40	498.51
40-50	499.89
50-60	431.28
60-70	302.40
70-80	132.62
80-90	20.11
90-100	0.04
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-L25-840-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	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-L25-840-FAD-DIM-UNV_.IES

UGR TABLE - CORRECTED

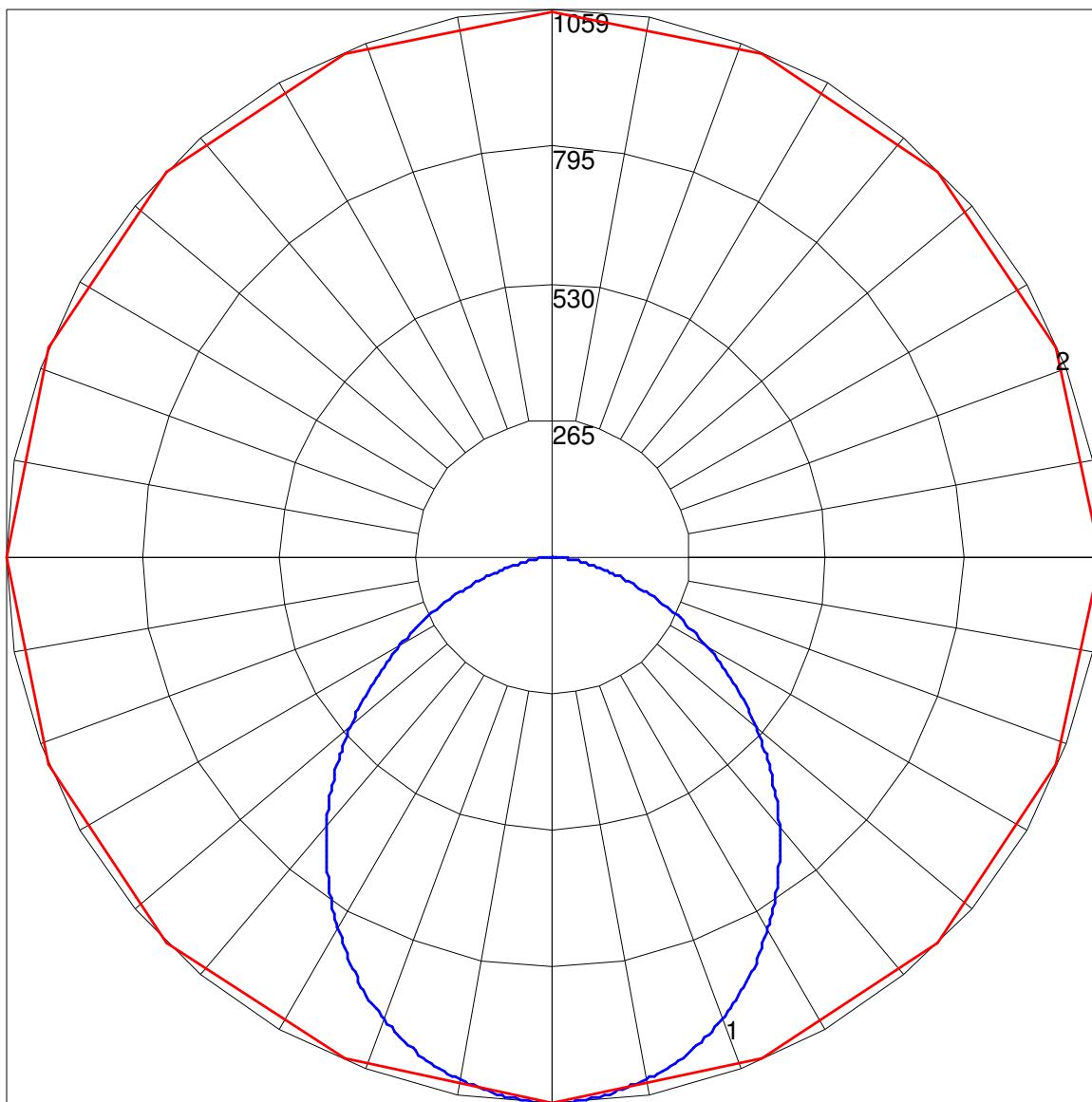
Reflectances

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	14.9	16.5	15.3	16.8	17.1	16.5	18.1	16.9	18.4	18.7
	3H	16.3	17.7	16.6	18.0	18.4	18.0	19.4	18.4	19.7	20.1
	4H	16.7	18.0	17.1	18.3	18.7	18.3	19.7	18.7	20.0	20.4
	6H	16.9	18.1	17.3	18.5	18.8	18.5	19.7	18.9	20.1	20.5
	8H	16.9	18.1	17.3	18.4	18.8	18.5	19.7	18.9	20.0	20.4
	12H	16.9	18.0	17.3	18.4	18.8	18.5	19.6	18.9	20.0	20.4
4H	2H	15.6	17.0	16.0	17.3	17.7	16.9	18.2	17.3	18.6	19.0
	3H	17.2	18.3	17.6	18.7	19.1	18.6	19.7	19.0	20.1	20.5
	4H	17.6	18.6	18.1	19.0	19.5	19.0	20.0	19.5	20.5	20.9
	6H	17.9	18.8	18.3	19.2	19.7	19.2	20.1	19.7	20.6	21.0
	8H	17.9	18.7	18.4	19.2	19.6	19.3	20.1	19.7	20.5	21.0
	12H	17.9	18.7	18.4	19.1	19.6	19.2	20.0	19.7	20.4	20.9
8H	4H	17.9	18.7	18.3	19.1	19.6	19.2	20.0	19.6	20.4	20.9
	6H	18.2	18.8	18.7	19.3	19.8	19.4	20.1	19.9	20.6	21.0
	8H	18.2	18.8	18.8	19.3	19.8	19.4	20.0	19.9	20.5	21.0
	12H	18.2	18.8	18.8	19.3	19.8	19.4	20.0	19.9	20.5	21.0
12H	4H	17.9	18.6	18.3	19.1	19.5	19.1	19.9	19.6	20.3	20.8
	6H	18.2	18.8	18.7	19.3	19.8	19.4	20.0	19.9	20.5	21.0
	8H	18.3	18.8	18.8	19.3	19.8	19.4	20.0	19.9	20.5	21.0

Maximum UGR = 21.0

POLAR GRAPH



Maximum Candela = 1059.391 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.)