



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S24-L89-835-FAD-DIM-UNV_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL#12609413.02A

[TESTLAB] UL Verification Services Inc.

[ISSUE DATE] 06-MAR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S24-L89/835-AD-DIM-UNV

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

[MORE] internal 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	8903
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	62.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	3.77 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	4585	4857	5141
55	4070	4465	4955
65	3418	3996	4494
75	2421	2748	2796
85	935	1039	1038

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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	3438.835	3438.835	3438.835	3438.835	3438.835
0.5	3490.071	3455.914	3424.770	3418.742	3420.752
1.0	3489.066	3454.909	3424.770	3418.742	3419.747
1.5	3488.062	3453.904	3423.766	3417.738	3418.742
2.0	3487.057	3452.900	3421.756	3416.733	3417.738
2.5	3485.048	3450.890	3420.752	3414.724	3416.733
3.0	3483.038	3448.881	3418.742	3413.719	3414.724
3.5	3481.029	3446.872	3415.729	3411.710	3412.715
4.0	3478.015	3443.858	3413.719	3408.696	3410.705
4.5	3473.997	3439.840	3410.705	3405.682	3407.692
5.0	3469.978	3436.826	3406.687	3402.668	3404.678
5.5	3465.960	3431.803	3402.668	3399.655	3401.664
6.0	3460.937	3426.779	3398.650	3395.636	3397.645
6.5	3454.909	3421.756	3394.631	3391.617	3393.627
7.0	3448.881	3416.733	3389.608	3387.599	3389.608
7.5	3442.853	3410.705	3384.585	3382.576	3384.585
8.0	3435.821	3403.673	3378.557	3377.553	3379.562
8.5	3427.784	3396.641	3372.530	3372.530	3374.539
9.0	3419.747	3389.608	3366.502	3367.506	3368.511
9.5	3410.705	3381.571	3359.469	3360.474	3362.483
10.0	3401.664	3372.530	3352.437	3354.446	3356.456
10.5	3392.622	3364.493	3345.405	3347.414	3350.428
11.0	3382.576	3355.451	3337.368	3340.382	3343.395
11.5	3372.530	3345.405	3328.326	3333.349	3336.363
12.0	3361.479	3335.358	3320.289	3325.312	3329.331
12.5	3350.428	3325.312	3310.243	3317.275	3322.298
13.0	3338.372	3314.261	3301.201	3309.238	3314.261
13.5	3326.317	3302.206	3291.155	3300.197	3306.224
14.0	3314.261	3291.155	3280.104	3291.155	3298.187
14.5	3302.206	3279.099	3269.053	3282.113	3289.146
15.0	3289.146	3266.039	3258.002	3272.067	3280.104
15.5	3275.081	3252.979	3246.951	3262.021	3271.062
16.0	3262.021	3239.919	3234.896	3250.970	3261.016
16.5	3247.956	3226.859	3221.836	3239.919	3250.970
17.0	3233.891	3212.794	3208.776	3228.868	3240.924
17.5	3218.822	3197.725	3195.715	3217.817	3228.868
18.0	3203.752	3183.660	3182.655	3205.762	3217.817
18.5	3188.683	3168.591	3168.591	3193.706	3205.762
19.0	3172.609	3152.516	3154.526	3180.646	3193.706
19.5	3156.535	3137.447	3140.461	3167.586	3181.651
20.0	3139.456	3121.373	3126.396	3154.526	3168.591
20.5	3123.382	3105.299	3111.327	3140.461	3156.535
21.0	3106.304	3089.225	3096.257	3127.401	3142.470
21.5	3089.225	3072.146	3081.188	3113.336	3129.410
22.0	3071.142	3055.068	3066.119	3099.271	3115.345
22.5	3053.059	3037.989	3050.045	3085.207	3101.281
23.0	3034.975	3020.910	3034.975	3070.137	3088.220
23.5	3016.892	3002.827	3018.901	3056.072	3074.156
24.0	2997.804	2985.749	3002.827	3041.003	3059.086
24.5	2978.716	2967.665	2986.753	3025.934	3045.022
25.0	2959.628	2948.577	2969.675	3010.864	3029.952
25.5	2940.540	2930.494	2952.596	2995.795	3014.883
26.0	2920.448	2912.411	2935.517	2979.721	2999.813
26.5	2901.360	2893.323	2918.439	2964.651	2984.744

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CANDELA TABULATION - (Cont.)

27.0	2881.267	2874.235	2901.360	2948.577	2969.675
27.5	2860.170	2854.143	2883.277	2932.503	2953.601
28.0	2840.078	2835.055	2866.198	2915.425	2937.527
28.5	2819.985	2814.962	2848.115	2899.351	2921.453
29.0	2796.879	2794.870	2830.032	2882.272	2906.383
29.5	2775.782	2774.777	2811.948	2865.193	2889.304
30.0	2753.680	2754.685	2792.860	2849.119	2873.230
30.5	2732.583	2733.587	2774.777	2832.041	2857.156
31.0	2710.481	2713.495	2755.689	2814.962	2841.082
31.5	2688.379	2692.398	2737.606	2796.879	2824.004
32.0	2666.277	2670.296	2718.518	2779.800	2807.930
32.5	2645.180	2649.199	2698.426	2762.722	2790.851
33.0	2622.074	2628.102	2679.338	2744.638	2773.772
33.5	2599.972	2606.000	2659.245	2726.555	2756.694
34.0	2576.866	2583.898	2639.153	2708.472	2738.611
34.5	2553.759	2561.796	2619.060	2689.384	2721.532
35.0	2530.653	2539.695	2597.963	2670.296	2703.449
35.5	2507.547	2516.588	2576.866	2651.208	2684.361
36.0	2483.436	2493.482	2555.769	2632.120	2665.273
36.5	2459.325	2470.375	2534.671	2612.028	2646.185
37.0	2434.209	2447.269	2513.574	2591.935	2626.092
37.5	2409.093	2424.163	2491.473	2571.843	2604.995
38.0	2383.978	2400.052	2469.371	2550.746	2583.898
38.5	2358.862	2375.941	2447.269	2528.644	2562.801
39.0	2332.742	2351.830	2425.167	2507.547	2540.699
39.5	2307.626	2327.719	2402.061	2485.445	2517.593
40.0	2280.501	2302.603	2378.954	2462.338	2494.486
40.5	2254.381	2278.492	2355.848	2439.232	2471.380
41.0	2228.261	2252.372	2331.737	2415.121	2447.269
41.5	2202.140	2227.256	2307.626	2392.015	2422.153
42.0	2175.015	2201.136	2283.515	2366.899	2397.038
42.5	2148.895	2176.020	2259.404	2341.783	2372.927
43.0	2120.766	2148.895	2234.288	2316.668	2348.816
43.5	2094.645	2123.779	2210.177	2290.547	2325.709
44.0	2067.520	2096.655	2184.057	2264.427	2303.607
44.5	2040.395	2069.530	2158.941	2238.307	2280.501
45.0	2013.271	2043.409	2132.821	2212.187	2257.395
45.5	1985.141	2016.284	2106.701	2188.076	2234.288
46.0	1958.016	1989.160	2080.581	2163.964	2212.187
46.5	1930.891	1963.039	2054.460	2139.853	2189.080
47.0	1902.762	1935.914	2028.340	2115.742	2165.974
47.5	1874.632	1908.789	2001.215	2091.631	2143.872
48.0	1847.507	1880.660	1974.090	2067.520	2121.770
48.5	1818.373	1853.535	1946.965	2043.409	2100.673
49.0	1791.248	1826.410	1919.840	2019.298	2077.567
49.5	1762.114	1799.285	1891.711	1995.187	2054.460
50.0	1733.985	1772.160	1864.586	1972.081	2029.345
50.5	1705.855	1744.031	1836.456	1948.975	2003.224
51.0	1676.721	1716.906	1808.327	1925.868	1976.099
51.5	1648.591	1688.776	1780.197	1902.762	1950.984
52.0	1619.457	1661.651	1752.068	1877.646	1924.863
52.5	1591.328	1633.522	1723.938	1851.526	1898.743
53.0	1563.198	1606.397	1696.813	1824.401	1871.618
53.5	1535.069	1578.268	1669.688	1798.281	1845.498
54.0	1505.934	1551.143	1643.568	1771.156	1818.373
54.5	1477.805	1523.013	1617.448	1744.031	1791.248

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CANDELA TABULATION - (Cont.)

55.0	1449.675	1494.884	1590.323	1716.906	1765.128
55.5	1422.550	1467.759	1564.203	1689.781	1738.003
56.0	1394.421	1439.629	1538.082	1661.651	1711.883
56.5	1366.291	1412.504	1512.967	1634.527	1685.762
57.0	1339.167	1384.375	1486.847	1606.397	1658.638
57.5	1311.037	1356.245	1461.731	1580.277	1631.513
58.0	1283.912	1329.120	1436.615	1553.152	1604.388
58.5	1255.783	1300.991	1412.504	1526.027	1577.263
59.0	1228.658	1273.866	1386.384	1497.897	1550.138
59.5	1200.528	1246.741	1360.264	1470.773	1523.013
60.0	1172.399	1218.611	1332.134	1442.643	1495.888
60.5	1145.274	1191.486	1303.000	1415.518	1469.768
61.0	1117.144	1163.357	1274.870	1387.389	1443.648
61.5	1090.019	1136.232	1246.741	1360.264	1418.532
62.0	1061.890	1108.103	1218.611	1332.134	1394.421
62.5	1034.765	1080.978	1189.477	1305.009	1366.291
63.0	1006.635	1052.848	1161.348	1277.884	1332.134
63.5	979.109	1025.723	1132.214	1252.769	1295.968
64.0	951.582	997.393	1105.089	1227.653	1258.796
64.5	924.256	969.766	1076.959	1198.519	1219.616
65.0	897.031	942.038	1048.830	1164.362	1179.431
65.5	869.705	914.310	1021.705	1128.195	1136.232
66.0	842.580	886.281	993.575	1091.024	1095.042
66.5	815.957	858.553	965.345	1052.848	1051.843
67.0	789.737	830.826	937.316	1011.658	1006.635
67.5	763.717	803.299	909.588	971.976	960.121
68.0	737.797	776.676	881.961	931.389	911.598
68.5	711.677	750.255	854.635	889.295	869.604
69.0	685.858	724.436	828.214	845.895	834.945
69.5	660.441	699.019	802.797	801.491	802.294
70.0	634.622	673.903	776.174	760.301	770.850
70.5	609.306	649.290	745.433	725.943	739.103
71.0	583.989	625.179	712.682	694.799	707.156
71.5	558.873	601.570	679.429	664.259	674.707
72.0	533.959	578.564	644.769	634.220	641.856
72.5	509.446	555.357	610.210	603.981	609.205
73.0	484.933	529.337	575.651	573.742	576.053
73.5	460.521	502.514	540.589	543.302	543.402
74.0	436.410	476.494	505.026	512.862	511.254
74.5	412.499	450.977	471.069	482.723	479.910
75.0	389.092	426.263	441.634	452.684	449.369
75.5	366.186	402.453	415.413	423.550	419.833
76.0	343.883	379.045	390.398	395.421	391.101
76.5	322.083	356.039	365.985	368.296	363.976
77.0	300.785	333.335	341.673	341.874	337.755
77.5	279.989	311.032	317.763	316.558	312.439
78.0	259.495	289.533	294.155	292.246	288.730
78.5	239.804	268.938	271.149	268.737	265.322
79.0	220.917	248.544	249.449	246.535	243.521
79.5	202.834	228.251	228.552	225.237	222.223
80.0	185.454	207.053	207.958	204.843	202.432
80.5	168.275	186.358	188.267	185.554	183.244
81.0	152.201	166.266	169.480	167.270	165.562
81.5	136.529	146.977	151.899	149.991	148.383
82.0	121.962	129.697	135.122	133.615	132.510
82.5	107.897	114.427	119.450	118.244	117.240

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CANDELA TABULATION - (Cont.)

83.0	94.636	100.563	104.682	103.878	103.276
83.5	82.178	87.704	91.120	90.517	90.115
84.0	70.826	75.548	78.361	78.260	77.859
84.5	60.278	64.397	66.707	66.808	66.808
85.0	50.633	54.149	56.259	56.560	56.159
85.5	41.893	44.907	46.916	46.816	46.514
86.0	34.057	36.669	38.578	38.377	37.874
86.5	27.225	29.536	31.244	30.641	29.737
87.0	21.298	23.207	24.613	23.709	22.604
87.5	16.275	17.983	19.188	17.480	15.873
88.0	12.256	13.763	14.467	12.457	11.051
88.5	8.841	10.147	10.348	8.841	7.736
89.0	6.028	6.932	7.233	6.229	5.525
89.5	4.019	4.420	4.923	4.320	3.818
90.0	2.712	3.215	3.416	2.913	2.512
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-S24-L89-835-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-S24-L89-835-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-S24-L89-835-FAD-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1246.55	N.A.	14.00
0-30	2619.96	N.A.	29.40
0-40	4248.89	N.A.	47.70
0-60	7326.18	N.A.	82.30
0-80	8825.43	N.A.	99.10
0-90	8902.81	N.A.	100.00
10-90	8578.04	N.A.	96.40
20-40	3002.35	N.A.	33.70
20-50	4646.52	N.A.	52.20
40-70	4105.46	N.A.	46.10
60-80	1499.26	N.A.	16.80
70-80	471.08	N.A.	5.30
80-90	77.37	N.A.	0.90
90-110	0.08	N.A.	0.00
90-120	0.08	N.A.	0.00
90-130	0.08	N.A.	0.00
90-150	0.08	N.A.	0.00
90-180	0.08	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	8902.89	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	324.76
10-20	921.78
20-30	1373.42
30-40	1628.93
40-50	1644.17
50-60	1433.11
60-70	1028.18
70-80	471.08
80-90	77.37
90-100	0.08
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-S24-L89-835-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	120	120	120	120	117	117	117	117	112	112	112	107	107	107	103	103	103	100
1	110	106	102	98	107	103	100	96	99	96	93	95	93	90	92	90	88	86
2	100	93	86	80	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	55	64	59	55	52
5	77	65	56	50	75	64	55	49	62	54	49	60	53	48	58	52	48	46
6	72	58	50	43	70	58	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	45	36	31	56	44	36	31	43	36	31	42	35	30	41	35	30	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-S24-L89-835-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

X=2H	Y=2H	16.8	18.4	17.1	18.7	19.0	UGR Viewed Endwise			
	3H	18.2	19.6	18.6	20.0	20.3	17.9	19.5	18.3	19.8
	4H	18.6	20.0	19.0	20.3	20.7	19.4	20.8	19.8	21.2
	6H	18.9	20.1	19.3	20.5	20.9	19.8	21.2	20.2	21.5
	8H	18.9	20.1	19.3	20.5	20.9	20.0	21.2	20.4	21.6
	12H	18.9	20.0	19.3	20.4	20.9	20.0	21.2	20.4	21.6

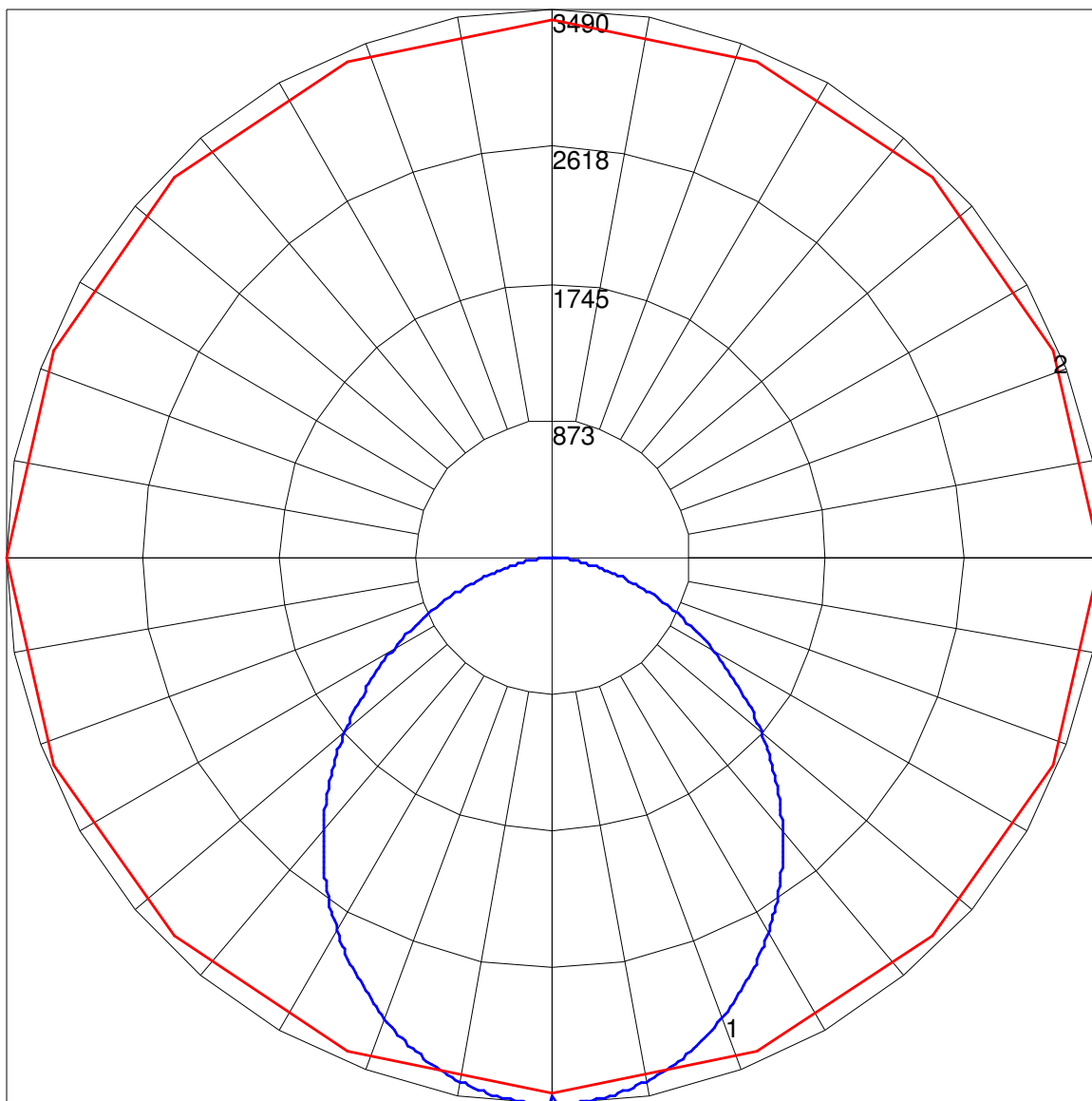
4H	2H	17.5	18.8	17.9	19.2	19.5	20.0	21.2	20.4	21.5
	3H	19.1	20.2	19.5	20.6	21.0	18.4	19.7	18.8	20.1
	4H	19.6	20.7	20.1	21.1	21.5	20.1	21.2	20.5	21.6
	6H	19.9	20.8	20.4	21.3	21.7	20.6	21.6	21.0	22.0
	8H	20.0	20.8	20.5	21.3	21.7	20.8	21.7	21.3	22.1
	12H	20.0	20.8	20.5	21.2	21.7	20.9	21.7	21.3	22.1

8H	4H	19.9	20.7	20.3	21.1	21.6	20.9	21.6	21.3	22.1
	6H	20.3	20.9	20.7	21.4	21.9	20.7	21.5	21.2	22.0
	8H	20.3	20.9	20.8	21.4	21.9	21.0	21.7	21.5	22.2
	12H	20.4	20.9	20.9	21.4	22.0	21.1	21.7	21.6	22.2

12H	4H	19.9	20.6	20.4	21.1	21.6	21.1	21.7	21.6	22.1
	6H	20.3	20.9	20.8	21.3	21.9	20.7	21.5	21.2	21.9
	8H	20.4	20.9	20.9	21.4	22.0	21.0	21.6	21.5	22.1

Maximum UGR = 22.7

POLAR GRAPH



Maximum Candela = 3490.071 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.)