



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S24-L64-835-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-L64/835-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	6515
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	48
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	3355	3554	3762
55	2978	3267	3626
65	2501	2924	3288
75	1771	2011	2046
85	685	761	759

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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	2516.457	2516.457	2516.457	2516.457	2516.457
0.5	2553.950	2528.955	2506.165	2501.754	2503.224
1.0	2553.215	2528.220	2506.165	2501.754	2502.489
1.5	2552.480	2527.485	2505.430	2501.019	2501.754
2.0	2551.745	2526.749	2503.959	2500.284	2501.019
2.5	2550.275	2525.279	2503.224	2498.813	2500.284
3.0	2548.804	2523.809	2501.754	2498.078	2498.813
3.5	2547.334	2522.338	2499.548	2496.608	2497.343
4.0	2545.128	2520.133	2498.078	2494.402	2495.873
4.5	2542.188	2517.192	2495.873	2492.197	2493.667
5.0	2539.247	2514.987	2492.932	2489.991	2491.462
5.5	2536.307	2511.311	2489.991	2487.786	2489.256
6.0	2532.631	2507.635	2487.051	2484.845	2486.316
6.5	2528.220	2503.959	2484.110	2481.905	2483.375
7.0	2523.809	2500.284	2480.434	2478.964	2480.434
7.5	2519.398	2495.873	2476.758	2475.288	2476.758
8.0	2514.252	2490.726	2472.347	2471.612	2473.083
8.5	2508.370	2485.580	2467.936	2467.936	2469.407
9.0	2502.489	2480.434	2463.526	2464.261	2464.996
9.5	2495.873	2474.553	2458.379	2459.115	2460.585
10.0	2489.256	2467.936	2453.233	2454.704	2456.174
10.5	2482.640	2462.055	2448.087	2449.557	2451.763
11.0	2475.288	2455.439	2442.206	2444.411	2446.617
11.5	2467.936	2448.087	2435.589	2439.265	2441.471
12.0	2459.850	2440.736	2429.708	2433.384	2436.325
12.5	2451.763	2433.384	2422.356	2427.503	2431.178
13.0	2442.941	2425.297	2415.740	2421.621	2425.297
13.5	2434.119	2416.475	2408.388	2415.005	2419.416
14.0	2425.297	2408.388	2400.302	2408.388	2413.535
14.5	2416.475	2399.566	2392.215	2401.772	2406.918
15.0	2406.918	2390.009	2384.128	2394.420	2400.302
15.5	2396.626	2380.452	2376.041	2387.069	2393.685
16.0	2387.069	2370.895	2367.219	2378.982	2386.334
16.5	2376.776	2361.338	2357.662	2370.895	2378.982
17.0	2366.484	2351.046	2348.105	2362.808	2371.630
17.5	2355.457	2340.018	2338.548	2354.722	2362.808
18.0	2344.429	2329.726	2328.991	2345.900	2354.722
18.5	2333.402	2318.699	2318.699	2337.078	2345.900
19.0	2321.639	2306.936	2308.406	2327.521	2337.078
19.5	2309.877	2295.909	2298.114	2317.964	2328.256
20.0	2297.379	2284.146	2287.822	2308.406	2318.699
20.5	2285.616	2272.384	2276.795	2298.114	2309.877
21.0	2273.119	2260.621	2265.767	2288.557	2299.585
21.5	2260.621	2248.123	2254.740	2278.265	2290.027
22.0	2247.388	2235.626	2243.712	2267.973	2279.735
22.5	2234.155	2223.128	2231.950	2257.680	2269.443
23.0	2220.922	2210.630	2220.922	2246.653	2259.886
23.5	2207.689	2197.397	2209.160	2236.361	2249.594
24.0	2193.721	2184.899	2197.397	2225.333	2238.566
24.5	2179.753	2171.666	2185.635	2214.306	2228.274
25.0	2165.785	2157.698	2173.137	2203.278	2217.246
25.5	2151.817	2144.466	2160.639	2192.251	2206.219
26.0	2137.114	2131.233	2148.141	2180.488	2195.192
26.5	2123.146	2117.265	2135.644	2169.461	2184.164

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**CANDELA TABULATION - (Cont.)**

27.0	2108.443	2103.296	2123.146	2157.698	2173.137
27.5	2093.004	2088.593	2109.913	2145.936	2161.374
28.0	2078.301	2074.625	2097.415	2133.438	2149.612
28.5	2063.598	2059.922	2084.182	2121.676	2137.849
29.0	2046.689	2045.219	2070.949	2109.178	2126.822
29.5	2031.251	2030.516	2057.716	2096.680	2114.324
30.0	2015.077	2015.812	2043.748	2084.917	2102.561
30.5	1999.639	2000.374	2030.516	2072.420	2090.799
31.0	1983.465	1985.671	2016.547	2059.922	2079.036
31.5	1967.292	1970.232	2003.315	2046.689	2066.538
32.0	1951.118	1954.059	1989.346	2034.191	2054.776
32.5	1935.680	1938.620	1974.643	2021.694	2042.278
33.0	1918.771	1923.182	1960.675	2008.461	2029.780
33.5	1902.597	1907.008	1945.972	1995.228	2017.283
34.0	1885.689	1890.835	1931.269	1981.995	2004.050
34.5	1868.780	1874.661	1916.566	1968.027	1991.552
35.0	1851.871	1858.488	1901.127	1954.059	1978.319
35.5	1834.963	1841.579	1885.689	1940.091	1964.351
36.0	1817.319	1824.670	1870.250	1926.123	1950.383
36.5	1799.675	1807.762	1854.812	1911.419	1936.415
37.0	1781.296	1790.853	1839.374	1896.716	1921.712
37.5	1762.917	1773.944	1823.200	1882.013	1906.273
38.0	1744.538	1756.300	1807.026	1866.575	1890.835
38.5	1726.159	1738.656	1790.853	1850.401	1875.396
39.0	1707.045	1721.013	1774.679	1834.963	1859.223
39.5	1688.666	1703.369	1757.771	1818.789	1842.314
40.0	1668.816	1684.990	1740.862	1801.880	1825.406
40.5	1649.702	1667.346	1723.953	1784.972	1808.497
41.0	1630.588	1648.232	1706.309	1767.328	1790.853
41.5	1611.474	1629.853	1688.666	1750.419	1772.474
42.0	1591.624	1610.738	1671.022	1732.040	1754.095
42.5	1572.510	1592.359	1653.378	1713.661	1736.451
43.0	1551.926	1572.510	1634.999	1695.282	1718.807
43.5	1532.811	1554.131	1617.355	1676.168	1701.898
44.0	1512.962	1534.282	1598.241	1657.054	1685.725
44.5	1493.113	1514.432	1579.862	1637.939	1668.816
45.0	1473.263	1495.318	1560.747	1618.825	1651.907
45.5	1452.679	1475.469	1541.633	1601.181	1634.999
46.0	1432.829	1455.619	1522.519	1583.537	1618.825
46.5	1412.980	1436.505	1503.405	1565.894	1601.916
47.0	1392.396	1416.656	1484.291	1548.250	1585.008
47.5	1371.811	1396.806	1464.441	1530.606	1568.834
48.0	1351.962	1376.222	1444.592	1512.962	1552.661
48.5	1330.642	1356.373	1424.743	1495.318	1537.222
49.0	1310.793	1336.523	1404.893	1477.674	1520.314
49.5	1289.473	1316.674	1384.309	1460.030	1503.405
50.0	1268.888	1296.825	1364.459	1443.122	1485.026
50.5	1248.304	1276.240	1343.875	1426.213	1465.912
51.0	1226.984	1256.391	1323.290	1409.304	1446.062
51.5	1206.400	1235.806	1302.706	1392.396	1427.683
52.0	1185.080	1215.957	1282.121	1374.016	1408.569
52.5	1164.496	1195.372	1261.537	1354.902	1389.455
53.0	1143.911	1175.523	1241.687	1335.053	1369.606
53.5	1123.326	1154.938	1221.838	1315.939	1350.491
54.0	1102.007	1135.089	1202.724	1296.089	1330.642
54.5	1081.422	1114.505	1183.610	1276.240	1310.793

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**CANDELA TABULATION - (Cont.)**

55.0	1060.838	1093.920	1163.760	1256.391	1291.678
55.5	1040.988	1074.071	1144.646	1236.541	1271.829
56.0	1020.404	1053.486	1125.532	1215.957	1252.715
56.5	999.819	1033.637	1107.153	1196.107	1233.601
57.0	979.970	1013.052	1088.039	1175.523	1213.751
57.5	959.386	992.468	1069.660	1156.409	1193.902
58.0	939.536	972.618	1051.281	1136.559	1174.053
58.5	918.952	952.034	1033.637	1116.710	1154.203
59.0	899.102	932.185	1014.523	1096.126	1134.354
59.5	878.518	912.335	995.408	1076.276	1114.505
60.0	857.933	891.751	974.824	1055.692	1094.655
60.5	838.084	871.901	953.504	1035.842	1075.541
61.0	817.499	851.317	932.920	1015.258	1056.427
61.5	797.650	831.467	912.335	995.408	1038.048
62.0	777.065	810.883	891.751	974.824	1020.404
62.5	757.216	791.034	870.431	954.975	999.819
63.0	736.632	770.449	849.846	935.125	974.824
63.5	716.488	750.600	828.527	916.746	948.358
64.0	696.345	729.868	808.677	898.367	921.157
64.5	676.348	709.651	788.093	877.047	892.486
65.0	656.426	689.361	767.508	852.052	863.079
65.5	636.429	669.070	747.659	825.586	831.467
66.0	616.580	648.559	727.075	798.385	801.326
66.5	597.098	628.269	706.416	770.449	769.714
67.0	577.910	607.978	685.905	740.307	736.632
67.5	558.870	587.835	665.615	711.269	702.594
68.0	539.902	568.353	645.398	681.568	667.085
68.5	520.788	549.018	625.402	650.765	636.356
69.0	501.895	530.125	606.067	619.006	610.993
69.5	483.295	511.525	587.467	586.512	587.100
70.0	464.401	493.146	567.986	556.370	564.089
70.5	445.875	475.135	545.490	531.228	540.858
71.0	427.349	457.491	521.523	508.438	517.480
71.5	408.970	440.215	497.190	486.089	493.734
72.0	390.738	423.379	471.827	464.107	469.695
72.5	372.800	406.397	446.537	441.979	445.802
73.0	354.862	387.356	421.247	419.851	421.541
73.5	336.998	367.728	395.590	397.575	397.649
74.0	319.354	348.687	369.566	375.300	374.124
74.5	301.857	330.014	344.717	353.245	351.187
75.0	284.728	311.929	323.177	331.264	328.838
75.5	267.966	294.506	303.989	309.944	307.224
76.0	251.646	277.376	285.684	289.359	286.198
76.5	235.693	260.541	267.819	269.510	266.349
77.0	220.107	243.927	250.028	250.175	247.161
77.5	204.889	227.606	232.532	231.649	228.635
78.0	189.892	211.873	215.255	213.858	211.285
78.5	175.483	196.803	198.420	196.656	194.156
79.0	161.662	181.879	182.541	180.409	178.203
79.5	148.429	167.029	167.249	164.823	162.618
80.0	135.711	151.517	152.178	149.899	148.135
80.5	123.140	136.372	137.769	135.784	134.093
81.0	111.377	121.669	124.022	122.404	121.155
81.5	99.908	107.554	111.156	109.760	108.583
82.0	89.249	94.909	98.879	97.776	96.968
82.5	78.956	83.735	87.411	86.528	85.793

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**CANDELA TABULATION - (Cont.)**

83.0	69.252	73.590	76.604	76.016	75.575
83.5	60.136	64.180	66.679	66.238	65.944
84.0	51.829	55.284	57.343	57.269	56.975
84.5	44.110	47.124	48.815	48.888	48.888
85.0	37.052	39.625	41.169	41.390	41.096
85.5	30.656	32.862	34.332	34.259	34.038
86.0	24.922	26.833	28.230	28.083	27.716
86.5	19.923	21.614	22.864	22.422	21.761
87.0	15.585	16.982	18.011	17.350	16.541
87.5	11.910	13.159	14.042	12.792	11.616
88.0	8.969	10.072	10.586	9.116	8.087
88.5	6.469	7.425	7.572	6.469	5.661
89.0	4.411	5.073	5.293	4.558	4.043
89.5	2.941	3.235	3.602	3.161	2.794
90.0	1.985	2.353	2.500	2.132	1.838
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-L64-835-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-L64-835-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-L64-835-FAD-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	912.19	N.A.	14.00
0-30	1917.22	N.A.	29.40
0-40	3109.24	N.A.	47.70
0-60	5361.12	N.A.	82.30
0-80	6458.24	N.A.	99.10
0-90	6514.86	N.A.	100.00
10-90	6277.2	N.A.	96.40
20-40	2197.05	N.A.	33.70
20-50	3400.21	N.A.	52.20
40-70	3004.28	N.A.	46.10
60-80	1097.12	N.A.	16.80
70-80	344.72	N.A.	5.30
80-90	56.62	N.A.	0.90
90-110	0.06	N.A.	0.00
90-120	0.06	N.A.	0.00
90-130	0.06	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.06	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	6514.92	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	237.66
10-20	674.54
20-30	1005.03
30-40	1192.01
40-50	1203.17
50-60	1048.71
60-70	752.40
70-80	344.72
80-90	56.62
90-100	0.06
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-L64-835-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	78	78	78	75	75	75	73
1	80	77	74	71	78	75	73	70	72	70	68	69	68	66	67	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	60	52	46	41	50	45	41	48	44	40	47	43	40	38
5	56	47	41	36	55	46	40	36	45	40	35	43	39	35	42	38	35	33
6	52	43	36	32	51	42	36	31	41	35	31	39	35	31	38	34	31	29
7	48	39	32	28	47	38	32	28	37	32	28	36	31	27	35	31	27	26
8	45	35	29	25	44	35	29	25	34	29	25	33	28	25	32	28	24	23
9	42	32	27	23	41	32	26	22	31	26	22	30	26	22	30	25	22	21
10	40	30	24	20	39	30	24	20	29	24	20	28	23	20	28	23	20	19

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S24-L64-835-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

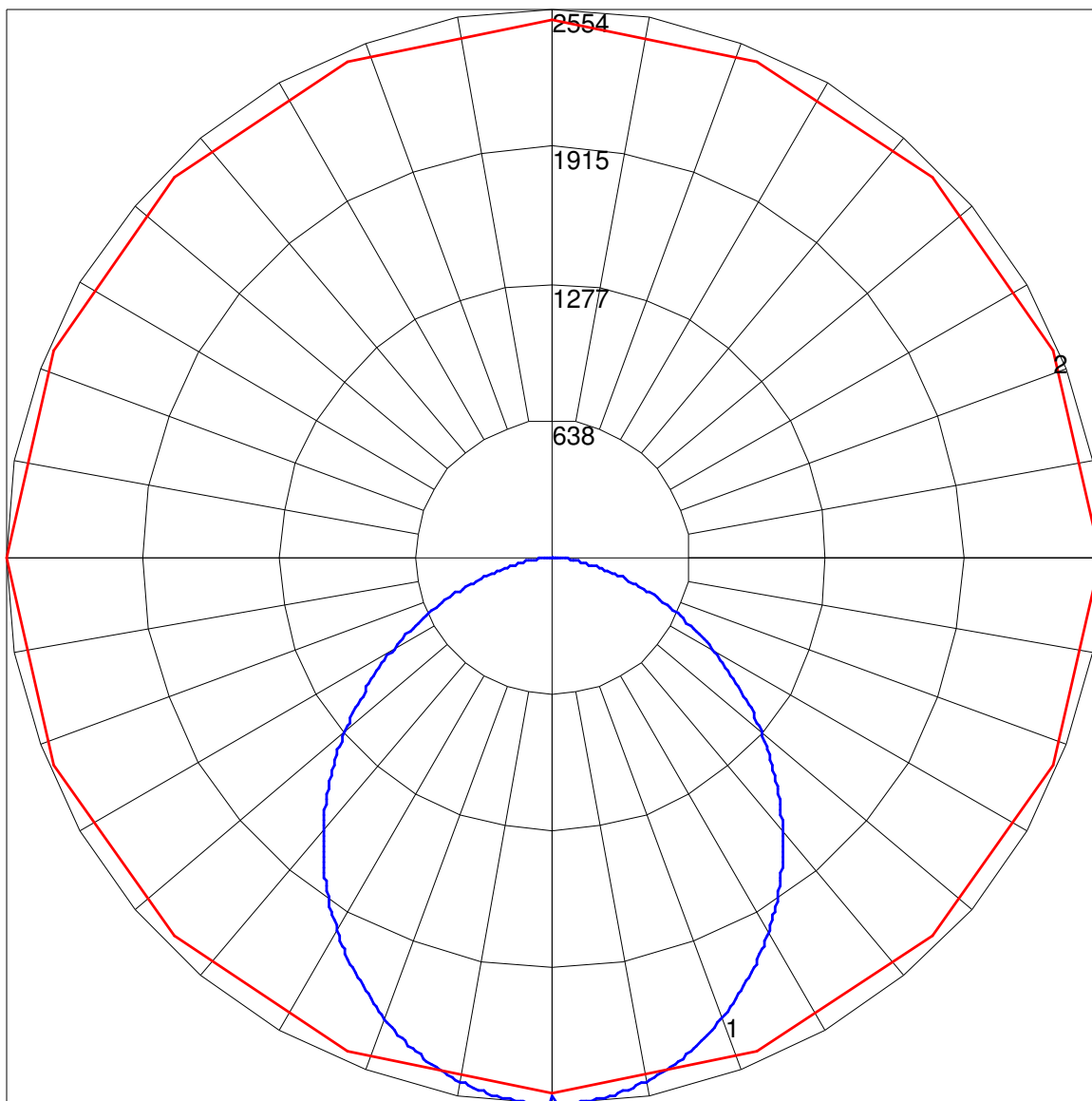
X=2H	Y=2H	16.8	18.4	17.1	18.7	19.0	17.9	19.5	18.3	19.8	20.1
	3H	18.2	19.6	18.6	20.0	20.3	19.4	20.8	19.8	21.2	21.5
	4H	18.6	20.0	19.0	20.3	20.7	19.8	21.2	20.2	21.5	21.9
	6H	18.9	20.1	19.3	20.5	20.9	20.0	21.2	20.4	21.6	22.0
	8H	18.9	20.1	19.3	20.5	20.9	20.0	21.2	20.4	21.6	22.0
	12H	18.9	20.0	19.3	20.4	20.9	20.0	21.1	20.4	21.5	22.0

UGR Viewed Endwise

4H	2H	17.5	18.8	17.9	19.2	19.5	18.4	19.7	18.8	20.1	20.5
	3H	19.1	20.2	19.5	20.6	21.0	20.1	21.2	20.5	21.6	22.0
	4H	19.6	20.7	20.1	21.1	21.5	20.6	21.6	21.0	22.0	22.4
	6H	19.9	20.8	20.4	21.3	21.7	20.8	21.7	21.3	22.1	22.6
	8H	20.0	20.8	20.5	21.3	21.7	20.9	21.7	21.3	22.1	22.6
	12H	20.0	20.8	20.5	21.2	21.7	20.9	21.6	21.3	22.1	22.6
8H	4H	19.9	20.7	20.3	21.1	21.6	20.7	21.5	21.2	22.0	22.5
	6H	20.3	20.9	20.7	21.4	21.9	21.0	21.7	21.5	22.2	22.7
	8H	20.3	20.9	20.8	21.4	21.9	21.1	21.7	21.6	22.2	22.7
	12H	20.4	20.9	20.9	21.4	22.0	21.1	21.7	21.6	22.2	22.7
12H	4H	19.9	20.6	20.4	21.1	21.6	20.7	21.5	21.2	21.9	22.4
	6H	20.3	20.9	20.8	21.3	21.9	21.0	21.6	21.5	22.1	22.6
	8H	20.4	20.9	20.9	21.4	22.0	21.1	21.7	21.6	22.1	22.7

Maximum UGR = 22.7

POLAR GRAPH



Maximum Candela = 2553.95 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.)