



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S24-L51-835-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-L51/835-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	5228
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	37.7
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	2692	2852	3019
55	2390	2622	2910
65	2007	2347	2639
75	1421	1613	1642
85	549	610	609

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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	2019.346	2019.346	2019.346	2019.346	2019.346
0.5	2049.433	2029.375	2011.087	2007.547	2008.727
1.0	2048.843	2028.785	2011.087	2007.547	2008.137
1.5	2048.253	2028.195	2010.497	2006.957	2007.547
2.0	2047.663	2027.605	2009.317	2006.367	2006.957
2.5	2046.483	2026.425	2008.727	2005.187	2006.367
3.0	2045.303	2025.245	2007.547	2004.598	2005.187
3.5	2044.123	2024.065	2005.777	2003.418	2004.008
4.0	2042.353	2022.296	2004.598	2001.648	2002.828
4.5	2039.994	2019.936	2002.828	1999.878	2001.058
5.0	2037.634	2018.166	2000.468	1998.108	1999.288
5.5	2035.274	2015.216	1998.108	1996.338	1997.518
6.0	2032.324	2012.267	1995.749	1993.979	1995.159
6.5	2028.785	2009.317	1993.389	1991.619	1992.799
7.0	2025.245	2006.367	1990.439	1989.259	1990.439
7.5	2021.706	2002.828	1987.489	1986.310	1987.489
8.0	2017.576	1998.698	1983.950	1983.360	1984.540
8.5	2012.857	1994.569	1980.410	1980.410	1981.590
9.0	2008.137	1990.439	1976.871	1977.461	1978.050
9.5	2002.828	1985.720	1972.741	1973.331	1974.511
10.0	1997.518	1980.410	1968.612	1969.791	1970.971
10.5	1992.209	1975.691	1964.482	1965.662	1967.432
11.0	1986.310	1970.381	1959.763	1961.532	1963.302
11.5	1980.410	1964.482	1954.453	1957.403	1959.173
12.0	1973.921	1958.583	1949.734	1952.683	1955.043
12.5	1967.432	1952.683	1943.834	1947.964	1950.913
13.0	1960.352	1946.194	1938.525	1943.244	1946.194
13.5	1953.273	1939.115	1932.626	1937.935	1941.475
14.0	1946.194	1932.626	1926.136	1932.626	1936.755
14.5	1939.115	1925.546	1919.647	1927.316	1931.446
15.0	1931.446	1917.877	1913.158	1921.417	1926.136
15.5	1923.187	1910.208	1906.668	1915.517	1920.827
16.0	1915.517	1902.539	1899.589	1909.028	1914.927
16.5	1907.258	1894.870	1891.920	1902.539	1909.028
17.0	1898.999	1886.611	1884.251	1896.050	1903.129
17.5	1890.150	1877.762	1876.582	1889.560	1896.050
18.0	1881.301	1869.503	1868.913	1882.481	1889.560
18.5	1872.452	1860.654	1860.654	1875.402	1882.481
19.0	1863.013	1851.215	1852.394	1867.733	1875.402
19.5	1853.574	1842.366	1844.135	1860.064	1868.323
20.0	1843.545	1832.927	1835.876	1852.394	1860.654
20.5	1834.106	1823.488	1827.027	1844.135	1853.574
21.0	1824.078	1814.049	1818.178	1836.466	1845.315
21.5	1814.049	1804.020	1809.329	1828.207	1837.646
22.0	1803.430	1793.991	1800.480	1819.948	1829.387
22.5	1792.811	1783.962	1791.041	1811.689	1821.128
23.0	1782.192	1773.933	1782.192	1802.840	1813.459
23.5	1771.573	1763.314	1772.753	1794.581	1805.200
24.0	1760.365	1753.285	1763.314	1785.732	1796.351
24.5	1749.156	1742.667	1753.875	1776.883	1788.092
25.0	1737.947	1731.458	1743.846	1768.034	1779.243
25.5	1726.738	1720.839	1733.818	1759.185	1770.394
26.0	1714.940	1710.220	1723.789	1749.746	1761.545
26.5	1703.731	1699.011	1713.760	1740.897	1752.695

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CANDELA TABULATION - (Cont.)

27.0	1691.932	1687.803	1703.731	1731.458	1743.846
27.5	1679.544	1676.004	1693.112	1722.019	1734.408
28.0	1667.745	1664.795	1683.083	1711.990	1724.969
28.5	1655.946	1652.997	1672.464	1702.551	1715.530
29.0	1642.378	1641.198	1661.846	1692.522	1706.681
29.5	1629.989	1629.399	1651.227	1682.493	1696.652
30.0	1617.011	1617.600	1640.018	1673.054	1687.213
30.5	1604.622	1605.212	1629.399	1663.025	1677.774
31.0	1591.643	1593.413	1618.190	1652.997	1668.335
31.5	1578.665	1581.025	1607.572	1642.378	1658.306
32.0	1565.686	1568.046	1596.363	1632.349	1648.867
32.5	1553.298	1555.657	1584.564	1622.320	1638.838
33.0	1539.729	1543.269	1573.355	1611.701	1628.809
33.5	1526.751	1530.290	1561.557	1601.082	1618.780
34.0	1513.182	1517.312	1549.758	1590.463	1608.162
34.5	1499.614	1504.333	1537.959	1579.255	1598.133
35.0	1486.045	1491.354	1525.571	1568.046	1587.514
35.5	1472.477	1477.786	1513.182	1556.837	1576.305
36.0	1458.318	1464.217	1500.793	1545.628	1565.096
36.5	1444.160	1450.649	1488.405	1533.830	1553.888
37.0	1429.411	1437.081	1476.016	1522.031	1542.089
37.5	1414.663	1423.512	1463.038	1510.232	1529.700
38.0	1399.915	1409.354	1450.059	1497.844	1517.312
38.5	1385.166	1395.195	1437.081	1484.865	1504.923
39.0	1369.828	1381.037	1424.102	1472.477	1491.944
39.5	1355.080	1366.878	1410.533	1459.498	1478.376
40.0	1339.151	1352.130	1396.965	1445.930	1464.807
40.5	1323.813	1337.972	1383.396	1432.361	1451.239
41.0	1308.475	1322.633	1369.238	1418.203	1437.081
41.5	1293.136	1307.885	1355.080	1404.634	1422.332
42.0	1277.208	1292.547	1340.921	1389.886	1407.584
42.5	1261.870	1277.798	1326.763	1375.137	1393.425
43.0	1245.352	1261.870	1312.014	1360.389	1379.267
43.5	1230.013	1247.122	1297.856	1345.051	1365.698
44.0	1214.085	1231.193	1282.518	1329.712	1352.720
44.5	1198.157	1215.265	1267.769	1314.374	1339.151
45.0	1182.229	1199.927	1252.431	1299.036	1325.583
45.5	1165.711	1183.999	1237.093	1284.877	1312.014
46.0	1149.782	1168.070	1221.754	1270.719	1299.036
46.5	1133.854	1152.732	1206.416	1256.561	1285.467
47.0	1117.336	1136.804	1191.078	1242.402	1271.899
47.5	1100.818	1120.876	1175.150	1228.244	1258.920
48.0	1084.890	1104.357	1159.221	1214.085	1245.942
48.5	1067.781	1088.429	1143.293	1199.927	1233.553
49.0	1051.853	1072.501	1127.365	1185.768	1219.985
49.5	1034.745	1056.573	1110.847	1171.610	1206.416
50.0	1018.227	1040.645	1094.918	1158.041	1191.668
50.5	1001.709	1024.126	1078.400	1144.473	1176.329
51.0	984.601	1008.198	1061.882	1130.904	1160.401
51.5	968.083	991.680	1045.364	1117.336	1145.653
52.0	950.974	975.752	1028.846	1102.588	1130.315
52.5	934.456	959.234	1012.328	1087.249	1114.976
53.0	917.938	943.305	996.399	1071.321	1099.048
53.5	901.420	926.787	980.471	1055.983	1083.710
54.0	884.312	910.859	965.133	1040.055	1067.781
54.5	867.794	894.341	949.795	1024.126	1051.853

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CANDELA TABULATION - (Cont.)

55.0	851.276	877.823	933.866	1008.198	1036.515
55.5	835.347	861.894	918.528	992.270	1020.587
56.0	818.829	845.376	903.190	975.752	1005.248
56.5	802.311	829.448	888.441	959.823	989.910
57.0	786.383	812.930	873.103	943.305	973.982
57.5	769.865	796.412	858.355	927.967	958.054
58.0	753.936	780.483	843.606	912.039	942.125
58.5	737.418	763.965	829.448	896.111	926.197
59.0	721.490	748.037	814.110	879.592	910.269
59.5	704.972	732.109	798.771	863.664	894.341
60.0	688.454	715.591	782.253	847.146	878.413
60.5	672.525	699.662	765.145	831.218	863.074
61.0	656.007	683.144	748.627	814.700	847.736
61.5	640.079	667.216	732.109	798.771	832.988
62.0	623.561	650.698	715.591	782.253	818.829
62.5	607.633	634.770	698.482	766.325	802.311
63.0	591.114	618.251	681.964	750.397	782.253
63.5	574.950	602.323	664.856	735.648	761.016
64.0	558.786	585.687	648.928	720.900	739.188
64.5	542.740	569.464	632.410	703.792	716.181
65.0	526.753	553.182	615.892	683.734	692.583
65.5	510.706	536.899	599.963	662.496	667.216
66.0	494.778	520.440	583.445	640.669	643.029
66.5	479.145	504.158	566.868	618.251	617.661
67.0	463.748	487.876	550.409	594.064	591.114
67.5	448.468	471.712	534.127	570.762	563.800
68.0	433.248	456.078	517.904	546.928	535.307
68.5	417.910	440.563	501.857	522.210	510.647
69.0	402.748	425.402	486.342	496.725	490.295
69.5	387.823	410.476	471.417	470.650	471.122
70.0	372.662	395.728	455.783	446.462	452.657
70.5	357.795	381.275	437.731	426.287	434.015
71.0	342.929	367.116	418.500	407.999	415.255
71.5	328.181	353.253	398.973	390.065	396.200
72.0	313.550	339.743	378.620	372.426	376.909
72.5	299.156	326.116	358.326	354.669	357.736
73.0	284.761	310.837	338.032	336.912	338.268
73.5	270.426	295.085	317.444	319.037	319.096
74.0	256.268	279.806	296.560	301.162	300.218
74.5	242.227	264.822	276.620	283.464	281.812
75.0	228.482	250.309	259.335	265.824	263.878
75.5	215.031	236.328	243.938	248.716	246.534
76.0	201.935	222.582	229.249	232.198	229.662
76.5	189.133	209.073	214.913	216.270	213.733
77.0	176.626	195.740	200.637	200.755	198.336
77.5	164.415	182.644	186.596	185.888	183.470
78.0	152.380	170.019	172.733	171.612	169.547
78.5	140.817	157.925	159.223	157.807	155.802
79.0	129.727	145.950	146.481	144.770	143.000
79.5	119.108	134.033	134.210	132.263	130.494
80.0	108.902	121.586	122.116	120.288	118.872
80.5	98.814	109.433	110.554	108.961	107.604
81.0	89.375	97.634	99.522	98.224	97.221
81.5	80.172	86.307	89.198	88.077	87.133
82.0	71.618	76.161	79.346	78.461	77.812
82.5	63.359	67.194	70.143	69.435	68.845

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CANDELA TABULATION - (Cont.)

83.0	55.572	59.052	61.471	60.999	60.645
83.5	48.257	51.501	53.507	53.153	52.917
84.0	41.590	44.363	46.015	45.956	45.720
84.5	35.396	37.815	39.172	39.231	39.231
85.0	29.733	31.797	33.036	33.213	32.977
85.5	24.600	26.370	27.550	27.491	27.314
86.0	19.999	21.533	22.653	22.535	22.241
86.5	15.987	17.344	18.347	17.993	17.462
87.0	12.507	13.627	14.453	13.922	13.274
87.5	9.557	10.560	11.268	10.265	9.321
88.0	7.197	8.082	8.495	7.315	6.489
88.5	5.191	5.958	6.076	5.191	4.542
89.0	3.540	4.071	4.248	3.658	3.245
89.5	2.360	2.596	2.891	2.537	2.242
90.0	1.593	1.888	2.006	1.711	1.475
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-L51-835-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-L51-835-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-L51-835-FAD-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	731.99	N.A.	14.00
0-30	1538.49	N.A.	29.40
0-40	2495.03	N.A.	47.70
0-60	4302.06	N.A.	82.30
0-80	5182.45	N.A.	99.10
0-90	5227.89	N.A.	100.00
10-90	5037.18	N.A.	96.40
20-40	1763.03	N.A.	33.70
20-50	2728.52	N.A.	52.20
40-70	2410.8	N.A.	46.10
60-80	880.39	N.A.	16.80
70-80	276.63	N.A.	5.30
80-90	45.43	N.A.	0.90
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	5227.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	190.71
10-20	541.29
20-30	806.49
30-40	956.54
40-50	965.49
50-60	841.55
60-70	603.76
70-80	276.63
80-90	45.43
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-S24-L51-835-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	70	70	70	70	68	68	68	68	65	65	65	62	62	62	60	60	60	59
1	64	62	59	57	63	60	58	56	58	56	55	56	54	53	53	52	51	50
2	59	54	50	47	57	53	49	46	51	48	45	49	47	44	47	45	43	42
3	54	48	43	39	52	47	42	39	45	41	38	43	40	38	42	39	37	36
4	49	42	37	33	48	42	37	33	40	36	33	39	35	32	37	34	32	31
5	45	38	33	29	44	37	32	29	36	32	28	35	31	28	34	30	28	27
6	42	34	29	25	41	34	29	25	33	28	25	32	28	25	31	27	25	23
7	39	31	26	22	38	31	26	22	30	25	22	29	25	22	28	25	22	21
8	36	28	23	20	35	28	23	20	27	23	20	26	23	20	26	22	20	19
9	34	26	21	18	33	26	21	18	25	21	18	24	21	18	24	20	18	17
10	32	24	19	16	31	24	19	16	23	19	16	23	19	16	22	19	16	15

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S24-L51-835-FAD-DIM-UNV_.IES

UGR TABLE - CORRECTED

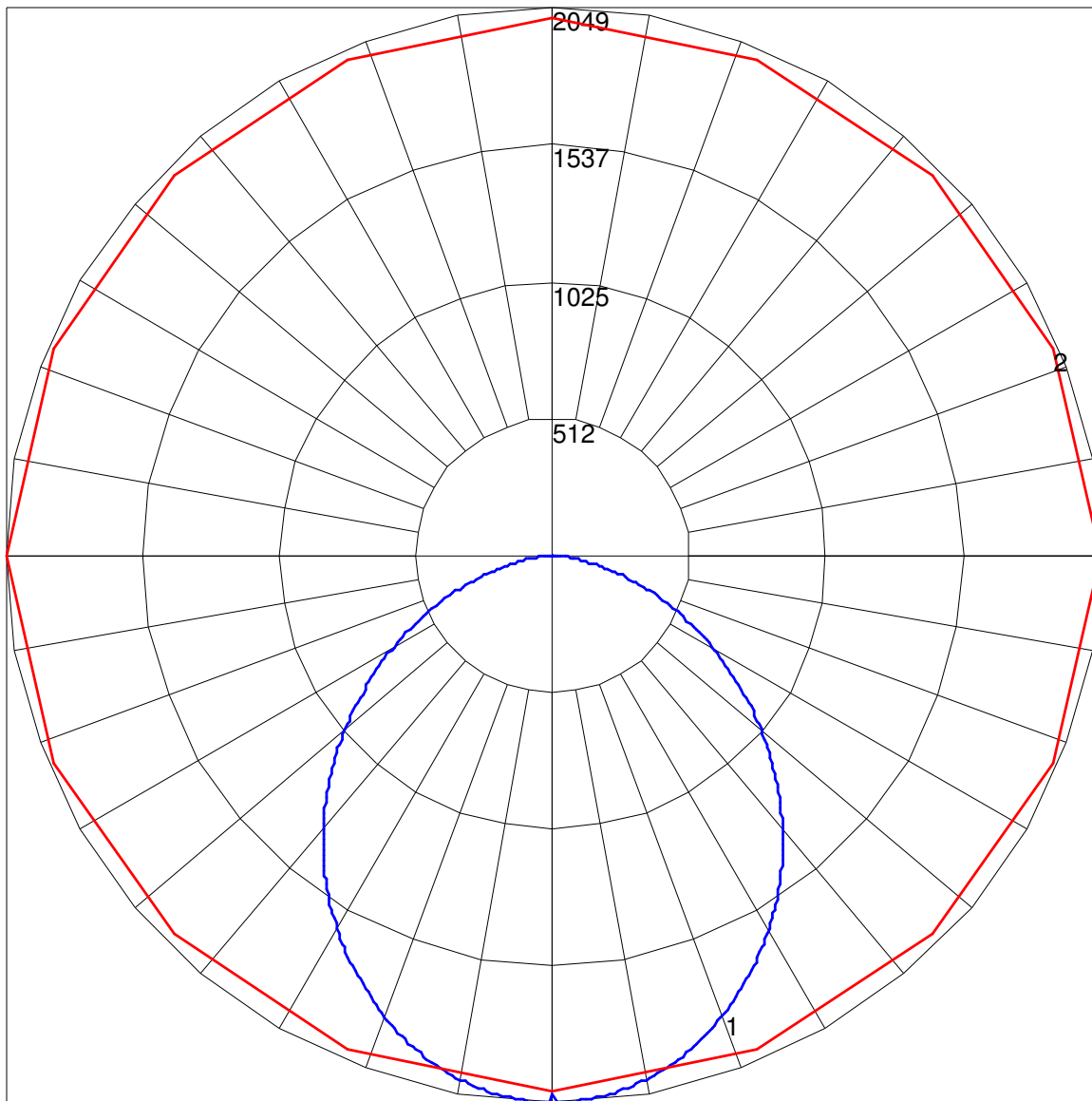
Reflectances

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	16.8	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
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 = 2049.433 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.)