



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S24-L51-8TW-FAD-DIM-UNV 4000K\_.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-L51/8TW-AD-DIM-UNV 4000k  
 [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	5100
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	40.7
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	2626	2782	2945
55	2331	2558	2839
65	1958	2289	2574
75	1387	1574	1602
85	536	595	594

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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	1969.905	1969.905	1969.905	1969.905	1969.905
0.5	1999.255	1979.688	1961.848	1958.395	1959.546
1.0	1998.679	1979.113	1961.848	1958.395	1958.971
1.5	1998.104	1978.537	1961.273	1957.820	1958.395
2.0	1997.528	1977.962	1960.122	1957.244	1957.820
2.5	1996.377	1976.811	1959.546	1956.093	1957.244
3.0	1995.227	1975.660	1958.395	1955.518	1956.093
3.5	1994.076	1974.509	1956.669	1954.367	1954.942
4.0	1992.349	1972.782	1955.518	1952.640	1953.791
4.5	1990.047	1970.480	1953.791	1950.914	1952.065
5.0	1987.745	1968.754	1951.489	1949.187	1950.338
5.5	1985.443	1965.876	1949.187	1947.461	1948.612
6.0	1982.566	1962.999	1946.885	1945.159	1946.310
6.5	1979.113	1960.122	1944.583	1942.857	1944.008
7.0	1975.660	1957.244	1941.706	1940.555	1941.706
7.5	1972.207	1953.791	1938.828	1937.677	1938.828
8.0	1968.178	1949.763	1935.375	1934.800	1935.951
8.5	1963.575	1945.734	1931.923	1931.923	1933.074
9.0	1958.971	1941.706	1928.470	1929.045	1929.621
9.5	1953.791	1937.102	1924.441	1925.017	1926.168
10.0	1948.612	1931.923	1920.413	1921.564	1922.715
10.5	1943.432	1927.319	1916.384	1917.535	1919.262
11.0	1937.677	1922.139	1911.780	1913.507	1915.233
11.5	1931.923	1916.384	1906.601	1909.478	1911.205
12.0	1925.592	1910.629	1901.997	1904.874	1907.176
12.5	1919.262	1904.874	1896.242	1900.271	1903.148
13.0	1912.356	1898.544	1891.063	1895.667	1898.544
13.5	1905.450	1891.638	1885.308	1890.487	1893.940
14.0	1898.544	1885.308	1878.977	1885.308	1889.336
14.5	1891.638	1878.402	1872.647	1880.128	1884.157
15.0	1884.157	1870.921	1866.317	1874.373	1878.977
15.5	1876.100	1863.439	1859.986	1868.619	1873.798
16.0	1868.619	1855.958	1853.080	1862.288	1868.043
16.5	1860.562	1848.476	1845.599	1855.958	1862.288
17.0	1852.505	1840.419	1838.118	1849.627	1856.533
17.5	1843.872	1831.787	1830.636	1843.297	1849.627
18.0	1835.240	1823.730	1823.155	1836.391	1843.297
18.5	1826.608	1815.098	1815.098	1829.485	1836.391
19.0	1817.400	1805.890	1807.041	1822.004	1829.485
19.5	1808.192	1797.258	1798.984	1814.522	1822.579
20.0	1798.409	1788.050	1790.927	1807.041	1815.098
20.5	1789.201	1778.842	1782.295	1798.984	1808.192
21.0	1779.417	1769.634	1773.663	1791.503	1800.135
21.5	1769.634	1759.851	1765.030	1783.446	1792.654
22.0	1759.275	1750.067	1756.398	1775.389	1784.597
22.5	1748.916	1740.284	1747.190	1767.332	1776.540
23.0	1738.558	1730.501	1738.558	1758.700	1769.059
23.5	1728.199	1720.142	1729.350	1750.643	1761.002
24.0	1717.264	1710.359	1720.142	1742.011	1752.369
24.5	1706.330	1700.000	1710.934	1733.378	1744.313
25.0	1695.396	1689.065	1701.151	1724.746	1735.680
25.5	1684.461	1678.707	1691.367	1716.113	1727.048
26.0	1672.952	1668.348	1681.584	1706.906	1718.415
26.5	1662.017	1657.413	1671.801	1698.273	1709.783

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**CANDELA TABULATION - (Cont.)**

27.0	1650.508	1646.479	1662.017	1689.065	1701.151
27.5	1638.422	1634.969	1651.659	1679.858	1691.943
28.0	1626.912	1624.035	1641.875	1670.074	1682.735
28.5	1615.403	1612.525	1631.516	1660.866	1673.527
29.0	1602.166	1601.015	1621.158	1651.083	1664.895
29.5	1590.081	1589.506	1610.799	1641.300	1655.111
30.0	1577.420	1577.996	1599.864	1632.092	1645.904
30.5	1565.335	1565.910	1589.506	1622.308	1636.696
31.0	1552.674	1554.401	1578.571	1612.525	1627.488
31.5	1540.013	1542.315	1568.212	1602.166	1617.705
32.0	1527.353	1529.654	1557.278	1592.383	1608.497
32.5	1515.267	1517.569	1545.768	1582.600	1598.713
33.0	1502.031	1505.484	1534.834	1572.241	1588.930
33.5	1489.370	1492.823	1523.324	1561.882	1579.147
34.0	1476.134	1480.162	1511.814	1551.523	1568.788
34.5	1462.898	1467.501	1500.304	1540.589	1559.005
35.0	1449.661	1454.841	1488.219	1529.654	1548.646
35.5	1436.425	1441.604	1476.134	1518.720	1537.711
36.0	1422.613	1428.368	1464.049	1507.786	1526.777
36.5	1408.801	1415.132	1451.963	1496.276	1515.843
37.0	1394.414	1401.896	1439.878	1484.766	1504.333
37.5	1380.027	1388.659	1427.217	1473.256	1492.248
38.0	1365.640	1374.847	1414.556	1461.171	1480.162
38.5	1351.252	1361.036	1401.896	1448.510	1468.077
39.0	1336.290	1347.224	1389.235	1436.425	1455.416
39.5	1321.902	1333.412	1375.998	1423.764	1442.180
40.0	1306.364	1319.025	1362.762	1410.528	1428.944
40.5	1291.401	1305.213	1349.526	1397.292	1415.707
41.0	1276.439	1290.250	1335.714	1383.480	1401.896
41.5	1261.476	1275.863	1321.902	1370.244	1387.508
42.0	1245.938	1260.900	1308.091	1355.856	1373.121
42.5	1230.975	1246.513	1294.279	1341.469	1359.309
43.0	1214.861	1230.975	1279.891	1327.082	1345.497
43.5	1199.898	1216.587	1266.080	1312.119	1332.261
44.0	1184.360	1201.049	1251.117	1297.156	1319.600
44.5	1168.822	1185.511	1236.730	1282.193	1306.364
45.0	1153.284	1170.548	1221.767	1267.231	1293.128
45.5	1137.170	1155.010	1206.804	1253.419	1279.891
46.0	1121.632	1139.472	1191.841	1239.607	1267.231
46.5	1106.093	1124.509	1176.879	1225.795	1253.994
47.0	1089.980	1108.971	1161.916	1211.984	1240.758
47.5	1073.866	1093.432	1146.378	1198.172	1228.097
48.0	1058.328	1077.319	1130.839	1184.360	1215.437
48.5	1041.638	1061.780	1115.301	1170.548	1203.351
49.0	1026.100	1046.242	1099.763	1156.736	1190.115
49.5	1009.411	1030.704	1083.649	1142.925	1176.879
50.0	993.297	1015.166	1068.111	1129.688	1162.491
50.5	977.183	999.052	1051.997	1116.452	1147.529
51.0	960.494	983.514	1035.883	1103.216	1131.990
51.5	944.380	967.400	1019.770	1089.980	1117.603
52.0	927.691	951.862	1003.656	1075.592	1102.640
52.5	911.577	935.748	987.542	1060.629	1087.678
53.0	895.464	920.210	972.004	1045.091	1072.139
53.5	879.350	904.096	956.466	1030.128	1057.177
54.0	862.661	888.558	941.503	1014.590	1041.638
54.5	846.547	872.444	926.540	999.052	1026.100

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55.0	830.433	856.330	911.002	983.514	1011.137
55.5	814.895	840.792	896.039	967.975	995.599
56.0	798.781	824.678	881.076	951.862	980.636
56.5	782.667	809.140	866.689	936.323	965.674
57.0	767.129	793.026	851.726	920.210	950.135
57.5	751.015	776.913	837.339	905.247	934.597
58.0	735.477	761.374	822.952	889.709	919.059
58.5	719.363	745.261	809.140	874.170	903.521
59.0	703.825	729.722	794.177	858.057	887.982
59.5	687.711	714.184	779.215	842.518	872.444
60.0	671.598	698.070	763.101	826.405	856.906
60.5	656.059	682.532	746.412	810.866	841.943
61.0	639.946	666.418	730.298	794.753	826.980
61.5	624.407	650.880	714.184	779.215	812.593
62.0	608.294	634.766	698.070	763.101	798.781
62.5	592.755	619.228	681.381	747.563	782.667
63.0	576.642	603.114	665.267	732.024	763.101
63.5	560.873	587.576	648.578	717.637	742.383
64.0	545.105	571.347	633.040	703.250	721.090
64.5	529.452	555.521	616.926	686.560	698.646
65.0	513.856	539.638	600.812	666.994	675.626
65.5	498.202	523.754	585.274	646.276	650.880
66.0	482.664	507.698	569.160	624.983	627.285
66.5	467.414	491.814	552.989	603.114	602.539
67.0	452.393	475.931	536.933	579.519	576.642
67.5	437.488	460.162	521.049	556.787	549.997
68.0	422.640	444.912	505.223	533.537	522.200
68.5	407.678	429.777	489.570	509.424	498.145
69.0	392.888	414.986	474.435	484.563	478.290
69.5	378.328	400.426	459.875	459.127	459.587
70.0	363.538	386.039	444.624	435.531	441.574
70.5	349.035	371.940	427.014	415.850	423.389
71.0	334.533	358.128	408.253	398.009	405.088
71.5	320.146	344.604	389.204	380.514	386.500
72.0	305.873	331.425	369.350	363.307	367.681
72.5	291.831	318.131	349.553	345.985	348.978
73.0	277.789	303.226	329.756	328.663	329.986
73.5	263.805	287.860	309.672	311.225	311.283
74.0	249.993	272.955	289.299	293.788	292.867
74.5	236.297	258.338	269.848	276.523	274.912
75.0	222.888	244.181	252.986	259.316	257.417
75.5	209.766	230.542	237.965	242.627	240.498
76.0	196.990	217.133	223.636	226.513	224.039
76.5	184.502	203.954	209.651	210.975	208.500
77.0	172.302	190.948	195.724	195.840	193.480
77.5	160.389	178.172	182.028	181.337	178.978
78.0	148.649	165.856	168.504	167.410	165.396
78.5	137.370	154.059	155.325	153.944	151.987
79.0	126.550	142.376	142.894	141.225	139.499
79.5	116.192	130.752	130.924	129.025	127.299
80.0	106.236	118.609	119.127	117.343	115.961
80.5	96.395	106.754	107.847	106.293	104.970
81.0	87.187	95.244	97.085	95.819	94.841
81.5	78.209	84.194	87.014	85.921	85.000
82.0	69.865	74.296	77.404	76.540	75.907
82.5	61.808	65.548	68.426	67.735	67.160

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

83.0	54.211	57.607	59.966	59.506	59.160
83.5	47.075	50.240	52.197	51.852	51.622
84.0	40.572	43.277	44.888	44.831	44.601
84.5	34.529	36.889	38.213	38.270	38.270
85.0	29.005	31.019	32.227	32.400	32.170
85.5	23.998	25.724	26.875	26.818	26.645
86.0	19.509	21.005	22.099	21.984	21.696
86.5	15.596	16.919	17.898	17.552	17.035
87.0	12.200	13.294	14.100	13.582	12.949
87.5	9.323	10.301	10.992	10.014	9.093
88.0	7.021	7.884	8.287	7.136	6.330
88.5	5.064	5.812	5.928	5.064	4.431
89.0	3.453	3.971	4.144	3.568	3.165
89.5	2.302	2.532	2.820	2.475	2.187
90.0	1.554	1.842	1.957	1.669	1.439
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-L51-8TW-FAD-DIM-UNV 4000K\_.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-L51-8TW-FAD-DIM-UNV 4000K\_.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-L51-8TW-FAD-DIM-UNV 4000K\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	714.07	N.A.	14.00
0-30	1500.82	N.A.	29.40
0-40	2433.94	N.A.	47.70
0-60	4196.73	N.A.	82.30
0-80	5055.57	N.A.	99.10
0-90	5099.89	N.A.	100.00
10-90	4913.85	N.A.	96.40
20-40	1719.87	N.A.	33.70
20-50	2661.72	N.A.	52.20
40-70	2351.77	N.A.	46.10
60-80	858.84	N.A.	16.80
70-80	269.85	N.A.	5.30
80-90	44.32	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	5099.94	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	186.04
10-20	528.03
20-30	786.75
30-40	933.12
40-50	941.85
50-60	820.94
60-70	588.98
70-80	269.85
80-90	44.32
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-L51-8TW-FAD-DIM-UNV 4000K\_.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	116	116	116	116	113	113	113	113	108	108	108	104	104	104	100	100	100	98
1	107	102	99	95	104	100	97	94	96	93	91	92	90	88	89	87	85	83
2	97	90	83	78	95	88	82	77	85	80	75	81	77	74	78	75	72	70
3	89	79	72	65	87	78	71	65	75	69	64	72	67	63	70	65	61	59
4	82	70	62	56	79	69	61	55	67	60	55	64	59	54	62	57	53	51
5	75	63	54	48	73	62	54	48	60	53	47	58	52	47	56	51	46	44
6	70	57	48	42	68	56	48	42	54	47	42	52	46	41	51	45	41	39
7	64	52	43	37	63	51	43	37	49	42	37	48	41	37	47	41	36	34
8	60	47	39	33	59	46	39	33	45	38	33	44	37	33	43	37	33	31
9	56	43	35	30	55	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	51	39	32	27	38	32	27	38	31	27	37	31	27	25

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S24-L51-8TW-FAD-DIM-UNV 4000K\_.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	15.0	16.6	15.3	16.9	17.2	16.1	17.7	16.5	18.0	18.3
	3H	16.4	17.8	16.8	18.2	18.5	17.6	19.0	18.0	19.4	19.7
	4H	16.8	18.2	17.2	18.5	18.9	18.0	19.4	18.4	19.7	20.1
	6H	17.1	18.3	17.5	18.7	19.1	18.2	19.4	18.6	19.8	20.2
	8H	17.1	18.3	17.5	18.7	19.1	18.2	19.4	18.6	19.8	20.2
	12H	17.1	18.2	17.5	18.6	19.1	18.2	19.3	18.6	19.7	20.2

UGR Viewed Endwise

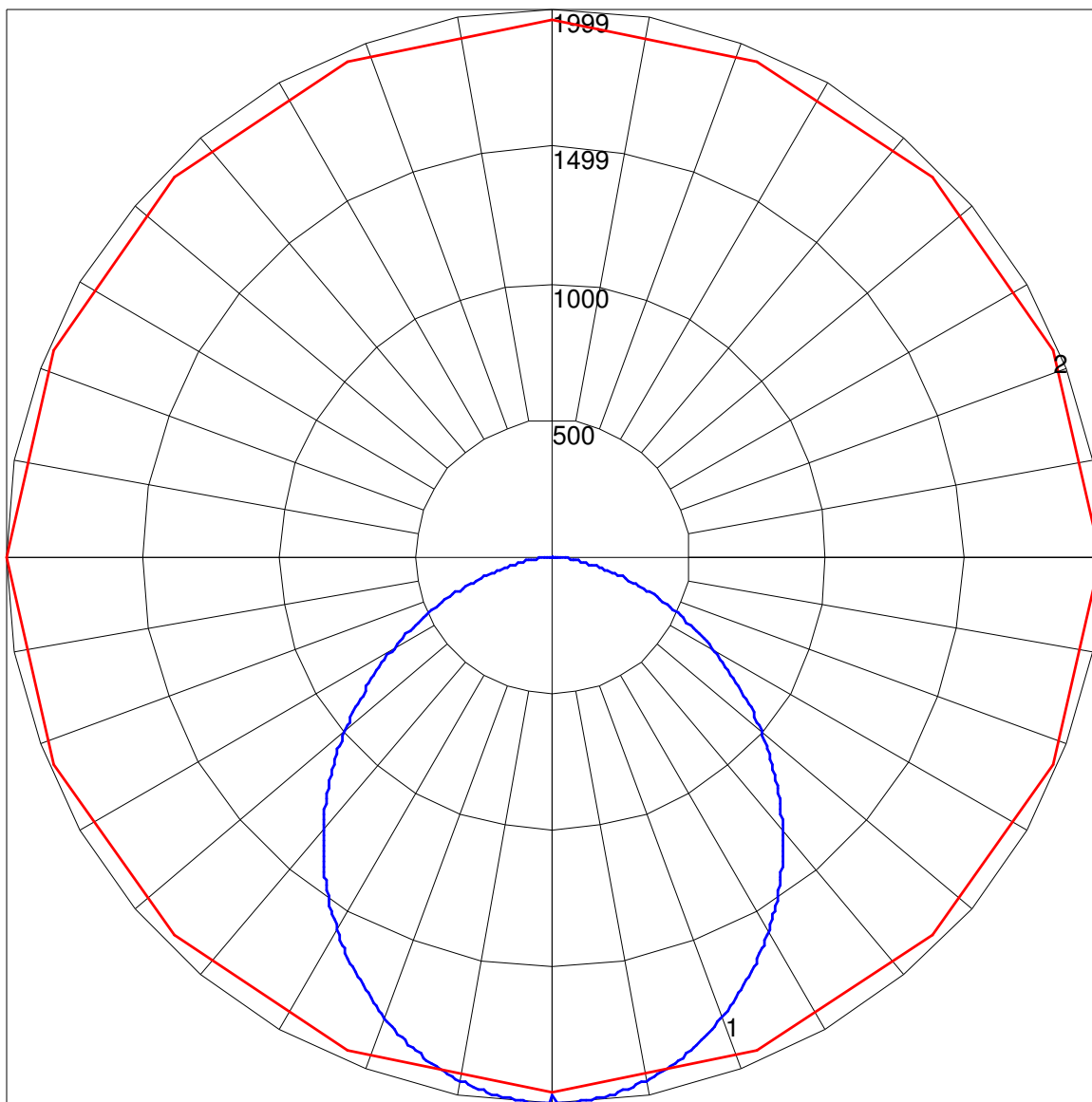
4H	2H	15.7	17.0	16.1	17.4	17.7	16.6	17.9	17.0	18.3	18.7
	3H	17.3	18.4	17.7	18.8	19.2	18.3	19.4	18.7	19.8	20.2
	4H	17.8	18.9	18.3	19.3	19.7	18.8	19.8	19.2	20.2	20.6
	6H	18.1	19.0	18.6	19.5	19.9	19.0	19.9	19.5	20.3	20.8
	8H	18.2	19.0	18.7	19.5	19.9	19.1	19.9	19.5	20.3	20.8
	12H	18.2	19.0	18.7	19.4	19.9	19.1	19.8	19.5	20.3	20.8

8H	4H	18.1	18.9	18.5	19.3	19.8	18.9	19.7	19.4	20.2	20.7
	6H	18.5	19.1	18.9	19.6	20.1	19.2	19.9	19.7	20.4	20.9
	8H	18.5	19.1	19.0	19.6	20.1	19.3	19.9	19.8	20.4	20.9
	12H	18.6	19.1	19.1	19.6	20.2	19.3	19.9	19.8	20.4	20.9

12H	4H	18.1	18.8	18.6	19.3	19.8	18.9	19.7	19.4	20.1	20.6
	6H	18.5	19.1	19.0	19.5	20.1	19.2	19.8	19.7	20.3	20.8
	8H	18.6	19.1	19.1	19.6	20.2	19.3	19.9	19.8	20.3	20.9

Maximum UGR = 20.9

POLAR GRAPH



Maximum Candela = 1999.255 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.)