



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-L45-835-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] 06-MAR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S22-L45/835-AD-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	4405
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	141
Total Luminaire Watts	31.2
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	4775	5153	5603
55	4194	4692	5424
65	3437	4079	4850
75	2344	2803	2847
85	806	971	760

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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	1729.356	1729.356	1729.356	1729.356	1729.356
0.5	1733.242	1730.328	1728.384	1727.413	1730.328
1.0	1732.271	1730.328	1727.413	1727.413	1730.328
1.5	1732.271	1729.356	1726.441	1726.441	1729.356
2.0	1731.299	1728.384	1725.470	1725.470	1728.384
2.5	1729.356	1727.413	1724.498	1724.498	1726.441
3.0	1728.384	1725.470	1723.527	1722.555	1725.470
3.5	1726.441	1723.527	1721.584	1721.584	1723.527
4.0	1724.498	1721.584	1719.641	1719.641	1721.584
4.5	1721.584	1719.641	1717.697	1717.697	1720.612
5.0	1719.641	1717.697	1715.754	1715.754	1718.669
5.5	1716.726	1714.783	1713.811	1713.811	1716.726
6.0	1713.811	1711.868	1710.897	1711.868	1714.783
6.5	1710.897	1708.953	1707.982	1709.925	1712.840
7.0	1707.010	1706.039	1706.039	1707.982	1710.897
7.5	1704.096	1703.124	1703.124	1706.039	1709.925
8.0	1701.181	1700.210	1701.181	1704.096	1707.010
8.5	1697.295	1697.295	1698.266	1701.181	1706.039
9.0	1694.380	1693.409	1696.323	1699.238	1704.096
9.5	1690.494	1690.494	1693.409	1697.295	1701.181
10.0	1686.608	1686.608	1690.494	1695.352	1699.238
10.5	1681.750	1682.722	1686.608	1692.437	1697.295
11.0	1677.864	1678.835	1683.693	1689.523	1694.380
11.5	1673.006	1674.949	1679.807	1686.608	1692.437
12.0	1668.148	1670.092	1675.921	1683.693	1689.523
12.5	1663.291	1665.234	1672.035	1680.779	1685.636
13.0	1658.433	1660.376	1667.177	1676.892	1682.722
13.5	1652.604	1654.547	1662.319	1673.006	1678.835
14.0	1646.774	1649.689	1657.461	1668.148	1673.978
14.5	1640.945	1643.860	1652.604	1663.291	1670.092
15.0	1635.116	1638.030	1647.746	1658.433	1665.234
15.5	1628.315	1631.230	1641.917	1653.575	1660.376
16.0	1622.486	1625.400	1636.087	1647.746	1654.547
16.5	1615.685	1618.599	1630.258	1641.917	1649.689
17.0	1608.884	1611.799	1624.429	1637.059	1643.860
17.5	1602.083	1604.998	1618.599	1631.230	1639.002
18.0	1594.311	1598.197	1611.799	1625.400	1633.173
18.5	1587.510	1591.396	1604.998	1619.571	1628.315
19.0	1579.738	1583.624	1599.169	1613.742	1622.486
19.5	1571.965	1576.823	1592.368	1608.884	1617.628
20.0	1563.221	1569.051	1585.567	1603.055	1611.799
20.5	1555.449	1561.278	1578.766	1597.225	1605.969
21.0	1546.705	1553.506	1570.994	1591.396	1601.112
21.5	1538.933	1544.762	1564.193	1584.595	1594.311
22.0	1530.189	1536.989	1556.420	1577.794	1588.482
22.5	1521.445	1528.246	1548.648	1570.994	1581.681
23.0	1511.729	1519.502	1540.876	1564.193	1574.880
23.5	1502.014	1510.758	1532.132	1556.420	1567.107
24.0	1493.270	1501.042	1524.359	1548.648	1560.307
24.5	1483.554	1491.327	1515.615	1540.876	1552.534
25.0	1472.867	1481.611	1506.871	1532.132	1544.762
25.5	1462.180	1471.896	1497.156	1523.388	1536.018
26.0	1452.465	1461.209	1488.412	1514.644	1528.246
26.5	1440.806	1450.522	1478.697	1505.900	1519.502

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CANDELA TABULATION - (Cont.)

27.0	1430.119	1439.835	1468.981	1497.156	1511.729
27.5	1418.461	1429.148	1459.266	1488.412	1502.985
28.0	1407.774	1418.461	1449.550	1479.668	1494.241
28.5	1396.115	1407.774	1439.835	1470.924	1486.469
29.0	1385.428	1397.086	1430.119	1462.180	1477.725
29.5	1373.769	1386.399	1420.404	1453.436	1468.981
30.0	1362.111	1374.741	1409.717	1444.692	1461.209
30.5	1350.452	1364.054	1400.001	1434.977	1452.465
31.0	1339.765	1353.367	1389.314	1426.233	1443.721
31.5	1328.107	1341.708	1379.599	1417.489	1434.977
32.0	1316.448	1331.021	1368.912	1407.774	1426.233
32.5	1304.789	1319.363	1358.225	1398.058	1416.517
33.0	1293.131	1307.704	1347.538	1388.343	1407.774
33.5	1280.501	1296.045	1336.850	1378.627	1398.058
34.0	1268.842	1284.387	1326.163	1368.912	1388.343
34.5	1257.184	1272.728	1314.505	1358.225	1378.627
35.0	1244.553	1260.098	1303.818	1348.509	1368.912
35.5	1230.952	1248.440	1293.131	1337.822	1359.196
36.0	1218.322	1235.809	1281.472	1327.135	1349.481
36.5	1205.691	1223.179	1269.814	1317.420	1339.765
37.0	1193.061	1210.549	1259.127	1306.732	1329.078
37.5	1180.431	1198.891	1247.468	1296.045	1319.363
38.0	1167.801	1186.260	1234.838	1284.387	1308.676
38.5	1154.199	1173.630	1223.179	1273.700	1297.989
39.0	1141.569	1161.000	1211.521	1262.041	1286.330
39.5	1128.939	1148.370	1198.891	1251.354	1275.643
40.0	1115.337	1135.740	1186.260	1239.696	1263.984
40.5	1102.707	1122.138	1174.602	1227.066	1253.297
41.0	1089.106	1109.508	1161.972	1215.407	1241.639
41.5	1075.504	1096.878	1149.342	1203.748	1230.952
42.0	1062.874	1083.276	1135.740	1192.090	1219.293
42.5	1049.272	1069.675	1123.110	1179.460	1208.606
43.0	1035.671	1056.073	1109.508	1167.801	1196.948
43.5	1022.069	1042.471	1096.878	1155.171	1185.289
44.0	1007.496	1028.870	1084.248	1143.512	1173.630
44.5	993.894	1015.268	1070.646	1130.882	1161.972
45.0	980.292	1000.695	1058.016	1119.224	1150.313
45.5	966.302	987.093	1044.414	1107.565	1138.655
46.0	952.215	973.491	1031.784	1094.935	1126.025
46.5	938.127	959.015	1018.183	1082.305	1114.366
47.0	924.137	945.025	1005.553	1069.675	1101.736
47.5	910.146	930.840	991.951	1057.045	1090.077
48.0	896.059	916.947	978.349	1044.414	1078.419
48.5	882.166	902.763	964.456	1030.813	1066.760
49.0	868.078	888.675	950.660	1018.183	1055.101
49.5	853.894	874.685	936.475	1004.581	1043.443
50.0	839.612	860.695	922.485	991.951	1030.813
50.5	825.330	846.316	908.398	979.321	1019.154
51.0	811.340	832.034	894.310	966.593	1006.524
51.5	797.544	817.655	880.223	953.769	993.894
52.0	783.554	803.179	865.844	940.945	981.264
52.5	769.466	788.800	851.756	928.023	968.828
53.0	755.379	774.324	837.766	915.004	955.906
53.5	741.097	759.751	823.679	901.791	942.888
54.0	726.815	745.178	809.591	888.384	929.577
54.5	712.534	730.410	795.601	875.074	916.364

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CANDELA TABULATION - (Cont.)

55.0	698.446	715.642	781.319	861.569	903.248
55.5	684.261	700.972	767.037	848.065	889.938
56.0	670.271	686.107	752.658	834.269	876.725
56.5	655.989	671.437	738.280	820.667	863.706
57.0	641.611	656.864	724.095	806.871	850.299
57.5	627.523	642.193	710.008	793.172	836.989
58.0	613.241	627.717	695.823	779.279	823.582
58.5	599.154	613.144	681.930	765.386	810.174
59.0	585.164	598.668	667.842	751.590	796.572
59.5	571.368	584.289	653.852	737.891	783.068
60.0	557.377	570.105	639.570	723.998	769.563
60.5	543.581	555.920	625.483	710.202	756.448
61.0	529.785	541.930	611.395	696.212	741.389
61.5	516.086	527.648	597.211	682.318	724.192
62.0	502.388	513.463	583.123	668.717	706.316
62.5	488.980	499.376	569.230	654.143	688.342
63.0	475.670	485.386	555.434	638.987	670.368
63.5	462.166	471.590	541.541	622.860	652.103
64.0	448.661	457.696	527.745	605.858	634.032
64.5	435.156	443.803	513.949	588.758	616.253
65.0	421.749	430.007	500.445	571.368	595.073
65.5	408.536	416.406	486.843	553.783	572.533
66.0	395.226	402.998	473.338	536.295	549.605
66.5	382.207	389.494	459.834	518.030	527.842
67.0	369.383	376.281	446.329	497.919	508.314
67.5	356.558	363.165	432.922	476.933	488.786
68.0	343.539	350.146	418.737	456.822	468.966
68.5	330.521	337.030	404.164	436.905	448.564
69.0	317.696	324.109	389.785	418.154	427.870
69.5	304.969	311.381	374.823	399.501	406.787
70.0	292.533	298.751	359.667	381.041	386.385
70.5	280.195	286.218	344.511	362.582	368.314
71.0	267.759	273.977	329.258	343.831	350.632
71.5	255.712	261.929	314.102	325.566	333.144
72.0	243.567	249.979	298.654	308.855	315.559
72.5	231.520	238.029	283.692	292.728	297.974
73.0	219.959	226.565	268.439	277.086	280.583
73.5	208.689	215.587	253.185	261.638	263.095
74.0	197.419	204.317	238.709	246.287	246.093
74.5	187.120	193.532	224.816	231.326	229.771
75.0	176.142	182.457	210.632	216.267	213.935
75.5	165.649	171.575	197.030	201.111	198.196
76.0	155.253	161.083	183.817	186.537	183.137
76.5	144.858	150.590	171.284	172.450	168.758
77.0	134.754	140.194	159.528	158.945	155.156
77.5	124.941	130.479	148.453	146.024	142.138
78.0	115.323	120.763	137.183	133.685	130.090
78.5	106.093	111.242	126.496	122.026	118.432
79.0	97.155	102.013	115.809	110.659	107.065
79.5	88.605	93.171	105.510	99.875	96.475
80.0	80.444	84.816	95.698	89.674	86.371
80.5	72.672	76.752	86.371	80.250	77.044
81.0	65.288	69.077	77.530	71.409	68.300
81.5	58.293	61.888	69.077	63.151	60.139
82.0	51.589	55.087	61.013	55.475	52.464
82.5	45.274	48.675	53.532	48.383	45.371

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CANDELA TABULATION - (Cont.)

83.0	39.348	42.651	46.537	41.874	38.862
83.5	33.907	37.113	40.222	35.947	33.033
84.0	28.952	32.061	34.490	30.604	27.689
84.5	24.483	27.398	29.244	25.843	23.123
85.0	20.403	23.317	24.580	21.666	19.237
85.5	16.808	19.528	20.403	17.974	15.836
86.0	13.602	16.225	16.905	14.768	13.019
86.5	10.881	13.310	13.699	11.950	10.396
87.0	8.550	10.687	10.978	9.424	8.064
87.5	6.704	8.550	8.647	7.189	5.926
88.0	5.149	6.898	6.801	5.538	4.469
88.5	3.886	5.441	5.344	4.469	3.692
89.0	2.817	4.372	4.372	3.595	3.109
89.5	2.235	3.498	3.498	3.012	2.526
90.0	1.652	2.720	2.720	2.429	2.040
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-S22-L45-835-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-S22-L45-835-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-S22-L45-835-FAD-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	627.74	N.A.	14.30
0-30	1321.36	N.A.	30.00
0-40	2136.96	N.A.	48.50
0-60	3660.42	N.A.	83.10
0-80	4372.14	N.A.	99.30
0-90	4405.04	N.A.	100.00
10-90	4241.98	N.A.	96.30
20-40	1509.21	N.A.	34.30
20-50	2327.07	N.A.	52.80
40-70	2018.21	N.A.	45.80
60-80	711.72	N.A.	16.20
70-80	216.97	N.A.	4.90
80-90	32.90	N.A.	0.70
90-110	0.07	N.A.	0.00
90-120	0.07	N.A.	0.00
90-130	0.07	N.A.	0.00
90-150	0.07	N.A.	0.00
90-180	0.07	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4405.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	163.06
10-20	464.69
20-30	693.61
30-40	815.60
40-50	817.86
50-60	705.60
60-70	494.75
70-80	216.97
80-90	32.90
90-100	0.07
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-L45-835-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	116	116	116	116	113	113	113	113	108	108	108	103	103	103	99	99	99	97
1	107	102	98	95	104	100	97	93	96	93	91	92	90	88	89	87	85	83
2	97	90	84	78	95	88	82	77	85	80	76	81	77	74	79	75	72	70
3	89	79	72	66	87	78	71	65	75	69	64	72	67	63	70	65	62	60
4	82	70	62	56	79	69	62	56	67	60	55	65	59	54	62	57	53	51
5	75	63	55	48	73	62	54	48	60	53	48	58	52	47	56	51	47	45
6	70	57	48	42	68	56	48	42	54	47	42	53	46	41	51	46	41	39
7	65	52	43	38	63	51	43	37	49	42	37	48	42	37	47	41	37	35
8	60	47	39	34	59	47	39	33	45	38	33	44	38	33	43	37	33	31
9	56	43	36	30	55	43	35	30	42	35	30	41	34	30	40	34	30	28
10	53	40	33	28	51	40	32	27	39	32	27	38	32	27	37	31	27	25

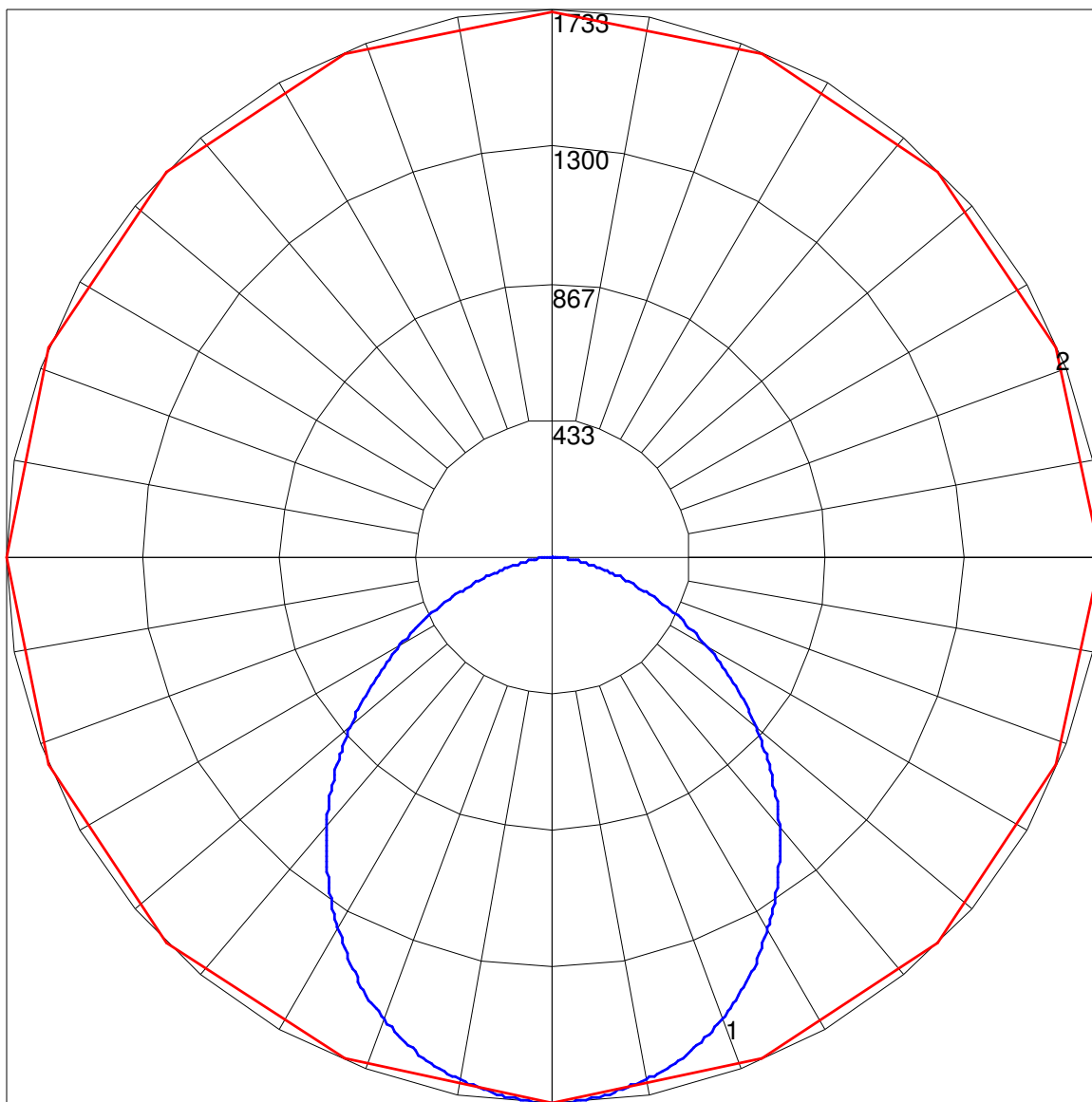
IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-835-FAD-DIM-UNV_.IES

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	17.2	18.7	19.0	18.4	20.0	18.8	20.3	20.6
	3H	18.2	19.6	18.5	19.9	20.3	19.9	21.3	20.3	21.6	22.0
	4H	18.6	19.9	19.0	20.2	20.6	20.2	21.6	20.6	21.9	22.3
	6H	18.8	20.0	19.2	20.4	20.7	20.4	21.6	20.8	22.0	22.4
	8H	18.8	20.0	19.2	20.3	20.7	20.4	21.6	20.8	21.9	22.3
	12H	18.8	19.9	19.2	20.3	20.7	20.4	21.5	20.8	21.9	22.3
4H	2H	17.5	18.9	17.9	19.2	19.6	18.8	20.1	19.2	20.5	20.9
	3H	19.1	20.2	19.5	20.6	21.0	20.5	21.6	20.9	22.0	22.4
	4H	19.5	20.5	20.0	20.9	21.4	20.9	21.9	21.4	22.3	22.8
	6H	19.8	20.7	20.2	21.1	21.6	21.1	22.0	21.6	22.4	22.9
	8H	19.8	20.6	20.3	21.1	21.5	21.2	22.0	21.6	22.4	22.9
	12H	19.8	20.6	20.3	21.0	21.5	21.1	21.9	21.6	22.3	22.8
8H	4H	19.8	20.6	20.2	21.0	21.5	21.1	21.9	21.5	22.3	22.8
	6H	20.1	20.7	20.6	21.2	21.7	21.3	22.0	21.8	22.5	22.9
	8H	20.1	20.7	20.6	21.2	21.7	21.3	21.9	21.8	22.4	22.9
	12H	20.1	20.7	20.7	21.2	21.7	21.3	21.9	21.8	22.4	22.9
12H	4H	19.8	20.5	20.2	21.0	21.4	21.0	21.8	21.5	22.2	22.7
	6H	20.1	20.7	20.6	21.2	21.7	21.3	21.9	21.8	22.4	22.9
	8H	20.2	20.7	20.7	21.2	21.7	21.3	21.9	21.8	22.4	22.9

Maximum UGR = 22.9

POLAR GRAPH



Maximum Candela = 1733.242 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.)