



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-P40-8TW-FAD-DIM-UNV 4000K_.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] GEN from UL #12609413.01A

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 06-MAR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S22-P40/8TW-AD-DIM-UNV 4000k

[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	4001
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	127
Total Luminaire Watts	31.6
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	4337	4681	5089
55	3809	4261	4926
65	3122	3704	4405
75	2129	2546	2586
85	732	882	690

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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	1570.750	1570.750	1570.750	1570.750	1570.750
0.5	1574.280	1571.632	1569.867	1568.985	1571.632
1.0	1573.397	1571.632	1568.985	1568.985	1571.632
1.5	1573.397	1570.750	1568.103	1568.103	1570.750
2.0	1572.515	1569.867	1567.220	1567.220	1569.867
2.5	1570.750	1568.985	1566.338	1566.338	1568.103
3.0	1569.867	1567.220	1565.455	1564.573	1567.220
3.5	1568.103	1565.455	1563.690	1563.690	1565.455
4.0	1566.338	1563.690	1561.925	1561.925	1563.690
4.5	1563.690	1561.925	1560.161	1560.161	1562.808
5.0	1561.925	1560.161	1558.396	1558.396	1561.043
5.5	1559.278	1557.513	1556.631	1556.631	1559.278
6.0	1556.631	1554.866	1553.983	1554.866	1557.513
6.5	1553.983	1552.219	1551.336	1553.101	1555.748
7.0	1550.454	1549.571	1549.571	1551.336	1553.983
7.5	1547.806	1546.924	1546.924	1549.571	1553.101
8.0	1545.159	1544.277	1545.159	1547.806	1550.454
8.5	1541.629	1541.629	1542.512	1545.159	1549.571
9.0	1538.982	1538.099	1540.747	1543.394	1547.806
9.5	1535.452	1535.452	1538.099	1541.629	1545.159
10.0	1531.922	1531.922	1535.452	1539.864	1543.394
10.5	1527.510	1528.393	1531.922	1537.217	1541.629
11.0	1523.980	1524.863	1529.275	1534.570	1538.982
11.5	1519.568	1521.333	1525.745	1531.922	1537.217
12.0	1515.156	1516.921	1522.215	1529.275	1534.570
12.5	1510.744	1512.509	1518.686	1526.628	1531.040
13.0	1506.331	1508.096	1514.273	1523.098	1528.393
13.5	1501.037	1502.802	1509.861	1519.568	1524.863
14.0	1495.742	1498.389	1505.449	1515.156	1520.451
14.5	1490.447	1493.095	1501.037	1510.744	1516.921
15.0	1485.153	1487.800	1496.625	1506.331	1512.509
15.5	1478.976	1481.623	1491.330	1501.919	1508.096
16.0	1473.681	1476.328	1486.035	1496.625	1502.802
16.5	1467.504	1470.151	1480.741	1491.330	1498.389
17.0	1461.327	1463.974	1475.446	1486.918	1493.095
17.5	1455.150	1457.797	1470.151	1481.623	1488.683
18.0	1448.090	1451.620	1463.974	1476.328	1483.388
18.5	1441.913	1445.443	1457.797	1471.034	1478.976
19.0	1434.853	1438.383	1452.502	1465.739	1473.681
19.5	1427.794	1432.206	1446.325	1461.327	1469.269
20.0	1419.852	1425.147	1440.148	1456.032	1463.974
20.5	1412.792	1418.087	1433.971	1450.737	1458.679
21.0	1404.850	1411.028	1426.912	1445.443	1454.267
21.5	1397.791	1403.086	1420.734	1439.266	1448.090
22.0	1389.849	1396.026	1413.675	1433.089	1442.795
22.5	1381.907	1388.084	1406.615	1426.912	1436.618
23.0	1373.082	1380.142	1399.556	1420.734	1430.441
23.5	1364.258	1372.200	1391.614	1413.675	1423.382
24.0	1356.316	1363.376	1384.554	1406.615	1417.205
24.5	1347.492	1354.551	1376.612	1399.556	1410.145
25.0	1337.785	1345.727	1368.670	1391.614	1403.086
25.5	1328.078	1336.902	1359.846	1383.672	1395.144
26.0	1319.253	1327.195	1351.904	1375.730	1388.084
26.5	1308.664	1317.488	1343.079	1367.788	1380.142

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CANDELA TABULATION - (Cont.)

27.0	1298.957	1307.782	1334.255	1359.846	1373.082
27.5	1288.368	1298.075	1325.430	1351.904	1365.140
28.0	1278.661	1288.368	1316.606	1343.962	1357.198
28.5	1268.072	1278.661	1307.782	1336.020	1350.139
29.0	1258.365	1268.954	1298.957	1328.078	1342.197
29.5	1247.775	1259.247	1290.133	1320.136	1334.255
30.0	1237.186	1248.658	1280.426	1312.194	1327.195
30.5	1226.597	1238.951	1271.601	1303.369	1319.253
31.0	1216.890	1229.244	1261.895	1295.427	1311.311
31.5	1206.301	1218.655	1253.070	1287.485	1303.369
32.0	1195.711	1208.948	1243.363	1278.661	1295.427
32.5	1185.122	1198.359	1233.656	1269.837	1286.603
33.0	1174.533	1187.769	1223.949	1261.012	1278.661
33.5	1163.061	1177.180	1214.243	1252.188	1269.837
34.0	1152.472	1166.591	1204.536	1243.363	1261.012
34.5	1141.882	1156.001	1193.946	1233.656	1252.188
35.0	1130.410	1144.530	1184.239	1224.832	1243.363
35.5	1118.056	1133.940	1174.533	1215.125	1234.539
36.0	1106.584	1122.468	1163.943	1205.418	1225.714
36.5	1095.113	1110.997	1153.354	1196.594	1216.890
37.0	1083.641	1099.525	1143.647	1186.887	1207.183
37.5	1072.169	1088.936	1133.058	1177.180	1198.359
38.0	1060.697	1077.464	1121.586	1166.591	1188.652
38.5	1048.343	1065.992	1110.997	1156.884	1178.945
39.0	1036.871	1054.520	1100.407	1146.294	1168.355
39.5	1025.400	1043.048	1088.936	1136.588	1158.649
40.0	1013.045	1031.577	1077.464	1125.998	1148.059
40.5	1001.574	1019.223	1066.874	1114.526	1138.352
41.0	989.219	1007.751	1055.403	1103.937	1127.763
41.5	976.865	996.279	1043.931	1093.348	1118.056
42.0	965.393	983.925	1031.577	1082.758	1107.467
42.5	953.039	971.571	1020.105	1071.287	1097.760
43.0	940.685	959.216	1007.751	1060.697	1087.171
43.5	928.331	946.862	996.279	1049.226	1076.581
44.0	915.094	934.508	984.807	1038.636	1065.992
44.5	902.740	922.154	972.453	1027.164	1055.403
45.0	890.386	908.917	960.981	1016.575	1044.813
45.5	877.679	896.563	948.627	1005.986	1034.224
46.0	864.883	884.209	937.155	994.514	1022.752
46.5	852.088	871.060	924.801	983.042	1012.163
47.0	839.380	858.353	913.329	971.571	1000.691
47.5	826.673	845.469	900.975	960.099	990.102
48.0	813.878	832.850	888.621	948.627	979.513
48.5	801.259	819.967	876.002	936.273	968.923
49.0	788.463	807.171	863.471	924.801	958.334
49.5	775.580	794.464	850.588	912.447	947.745
50.0	762.608	781.757	837.880	900.975	936.273
50.5	749.636	768.697	825.085	889.503	925.683
51.0	736.929	755.725	812.289	877.943	914.212
51.5	724.398	742.665	799.494	866.295	902.740
52.0	711.691	729.516	786.434	854.647	891.268
52.5	698.895	716.456	773.638	842.910	879.973
53.0	686.100	703.308	760.931	831.086	868.236
53.5	673.128	690.071	748.136	819.084	856.412
54.0	660.156	676.834	735.340	806.907	844.322
54.5	647.184	663.421	722.633	794.817	832.321

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CANDELA TABULATION - (Cont.)

55.0	634.389	650.008	709.661	782.551	820.408
55.5	621.505	636.683	696.689	770.285	808.318
56.0	608.798	623.182	683.629	757.754	796.317
56.5	595.826	609.857	670.569	745.400	784.492
57.0	582.766	596.620	657.685	732.870	772.315
57.5	569.970	583.295	644.890	720.427	760.225
58.0	556.998	570.147	632.006	707.808	748.048
58.5	544.203	556.910	619.387	695.189	735.870
59.0	531.496	543.762	606.592	682.658	723.516
59.5	518.965	530.702	593.885	670.216	711.250
60.0	506.258	517.818	580.913	657.597	698.984
60.5	493.727	504.934	568.117	645.066	687.071
61.0	481.197	492.227	555.322	632.359	673.393
61.5	468.754	479.255	542.438	619.740	657.774
62.0	456.312	466.372	529.643	607.386	641.537
62.5	444.134	453.576	517.024	594.149	625.211
63.0	432.044	440.869	504.493	580.383	608.886
63.5	419.778	428.338	491.874	565.735	592.296
64.0	407.513	415.719	479.343	550.292	575.883
64.5	395.247	403.100	466.813	534.761	559.734
65.0	383.069	390.570	454.547	518.965	540.497
65.5	371.068	378.215	442.193	502.993	520.024
66.0	358.978	366.038	429.927	487.109	499.198
66.5	347.153	353.772	417.661	470.519	479.432
67.0	335.505	341.770	405.395	452.252	461.695
67.5	323.857	329.857	393.217	433.192	443.957
68.0	312.032	318.033	380.333	414.925	425.956
68.5	300.207	306.120	367.097	396.835	407.424
69.0	288.559	294.383	354.036	379.804	388.628
69.5	276.999	282.823	340.447	362.861	369.479
70.0	265.704	271.351	326.681	346.094	350.948
70.5	254.497	259.968	312.915	329.328	334.534
71.0	243.201	248.849	299.060	312.297	318.474
71.5	232.259	237.907	285.294	295.707	302.590
72.0	221.229	227.053	271.263	280.529	286.618
72.5	210.286	216.199	257.674	265.880	270.645
73.0	199.785	205.786	243.819	251.673	254.850
73.5	189.549	195.814	229.965	237.642	238.966
74.0	179.313	185.578	216.816	223.699	223.523
74.5	169.959	175.783	204.197	210.110	208.698
75.0	159.987	165.723	191.314	196.432	194.314
75.5	150.457	155.840	178.960	182.666	180.019
76.0	141.015	146.309	166.958	169.429	166.341
76.5	131.572	136.779	155.575	156.634	153.280
77.0	122.395	127.337	144.897	144.368	140.926
77.5	113.482	118.512	134.837	132.631	129.102
78.0	104.746	109.688	124.601	121.424	118.159
78.5	96.363	101.040	114.894	110.835	107.570
79.0	88.244	92.657	105.187	100.510	97.245
79.5	80.479	84.626	95.833	90.715	87.627
80.0	73.066	77.037	86.921	81.450	78.449
80.5	66.007	69.713	78.449	72.890	69.978
81.0	59.300	62.742	70.419	64.860	62.036
81.5	52.947	56.212	62.742	57.359	54.623
82.0	46.858	50.035	55.417	50.388	47.652
82.5	41.122	44.210	48.623	43.946	41.210

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CANDELA TABULATION - (Cont.)

83.0	35.739	38.739	42.269	38.033	35.298
83.5	30.797	33.709	36.533	32.650	30.003
84.0	26.297	29.121	31.327	27.797	25.150
84.5	22.238	24.885	26.562	23.473	21.002
85.0	18.531	21.179	22.326	19.678	17.472
85.5	15.266	17.737	18.531	16.325	14.384
86.0	12.354	14.737	15.355	13.413	11.825
86.5	9.883	12.089	12.442	10.854	9.442
87.0	7.766	9.707	9.972	8.560	7.324
87.5	6.089	7.766	7.854	6.530	5.383
88.0	4.677	6.265	6.177	5.030	4.059
88.5	3.530	4.942	4.853	4.059	3.353
89.0	2.559	3.971	3.971	3.265	2.824
89.5	2.030	3.177	3.177	2.736	2.294
90.0	1.500	2.471	2.471	2.206	1.853
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-P40-8TW-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-S22-P40-8TW-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-S22-P40-8TW-FAD-DIM-UNV 4000K_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	570.17	N.A.	14.30
0-30	1200.17	N.A.	30.00
0-40	1940.97	N.A.	48.50
0-60	3324.71	N.A.	83.10
0-80	3971.15	N.A.	99.30
0-90	4001.04	N.A.	100.00
10-90	3852.94	N.A.	96.30
20-40	1370.8	N.A.	34.30
20-50	2113.65	N.A.	52.80
40-70	1833.11	N.A.	45.80
60-80	646.45	N.A.	16.20
70-80	197.07	N.A.	4.90
80-90	29.88	N.A.	0.70
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	4001.1	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	148.10
10-20	422.07
20-30	630.00
30-40	740.80
40-50	742.85
50-60	640.89
60-70	449.38
70-80	197.07
80-90	29.88
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-S22-P40-8TW-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	195	195	195	195	191	191	191	191	182	182	182	174	174	174	167	167	167	164
1	180	173	166	160	175	169	163	158	162	157	153	156	152	148	150	147	144	140
2	164	152	141	132	160	148	139	131	143	135	128	137	131	125	133	127	122	118
3	150	134	121	111	146	131	119	110	126	116	108	122	113	106	118	110	104	101
4	138	119	105	94	134	117	104	94	113	101	93	109	99	91	105	97	90	87
5	127	107	92	82	124	105	91	81	101	89	80	98	88	80	95	86	79	75
6	117	96	82	72	114	95	81	71	92	80	71	89	78	70	86	77	69	66
7	109	87	73	63	106	86	73	63	83	71	63	81	70	62	79	69	62	59
8	101	80	66	57	99	79	66	57	76	65	56	74	64	56	73	63	55	52
9	95	73	60	51	93	72	60	51	70	59	51	69	58	50	67	57	50	47
10	89	68	55	46	87	67	55	46	65	54	46	64	53	46	62	53	46	43

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-P40-8TW-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	14.6	16.2	15.0	16.5	16.8	16.2	17.8	16.6	18.1	18.4
	3H	16.0	17.4	16.3	17.7	18.1	17.7	19.1	18.1	19.4	19.8
	4H	16.4	17.7	16.8	18.0	18.4	18.0	19.4	18.4	19.7	20.1
	6H	16.6	17.8	17.0	18.2	18.5	18.2	19.4	18.6	19.8	20.2
	8H	16.6	17.8	17.0	18.1	18.5	18.2	19.4	18.6	19.7	20.1
	12H	16.6	17.7	17.0	18.1	18.5	18.2	19.3	18.6	19.7	20.1

UGR Viewed Endwise

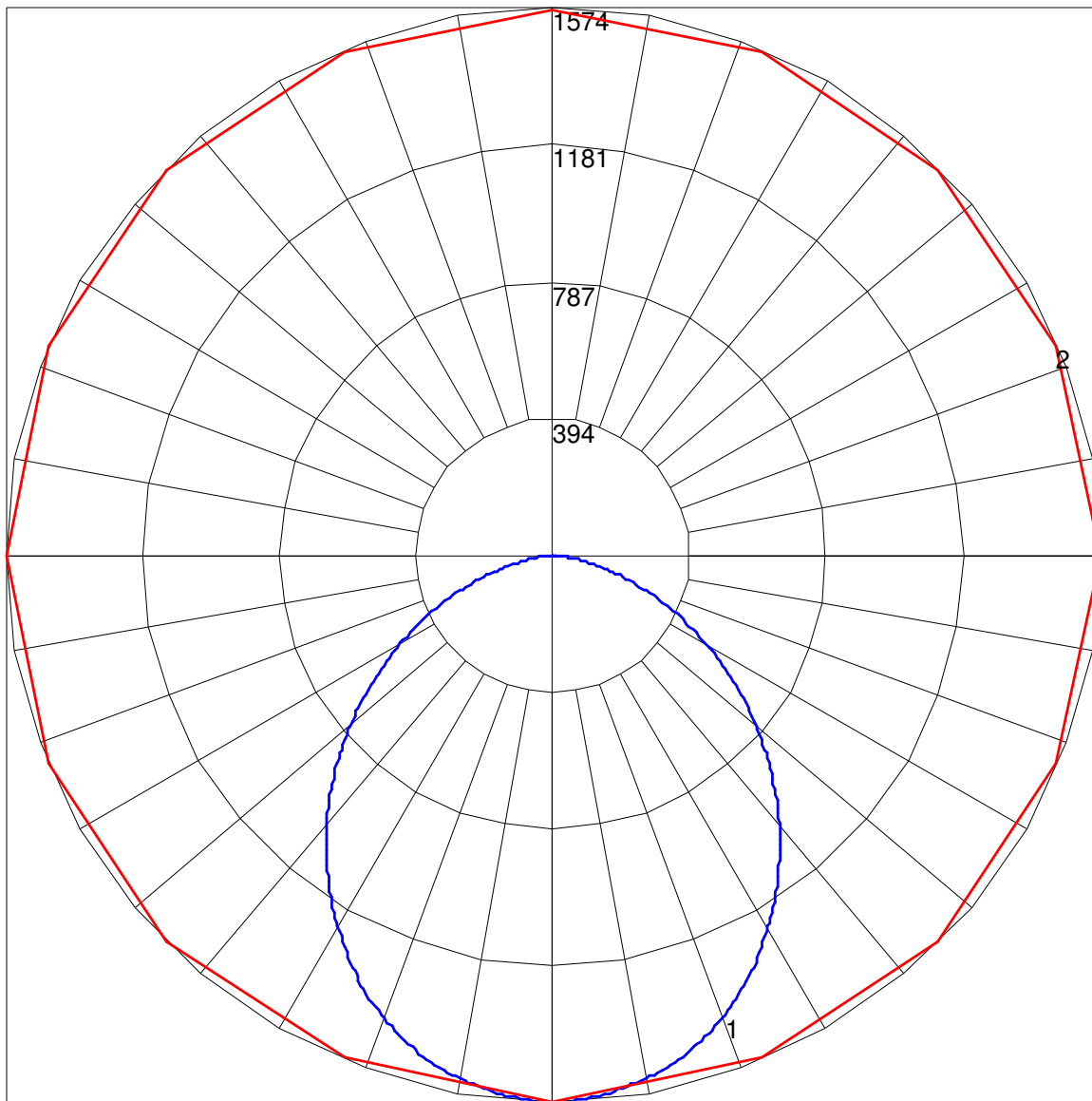
4H	2H	15.3	16.7	15.7	17.0	17.4	16.6	17.9	17.0	18.3	18.7
	3H	16.9	18.0	17.3	18.4	18.8	18.3	19.4	18.7	19.8	20.2
	4H	17.3	18.3	17.8	18.7	19.2	18.7	19.7	19.2	20.2	20.6
	6H	17.6	18.5	18.0	18.9	19.4	18.9	19.8	19.4	20.3	20.7
	8H	17.6	18.4	18.1	18.9	19.3	19.0	19.8	19.4	20.2	20.7
	12H	17.6	18.4	18.1	18.8	19.3	18.9	19.7	19.4	20.1	20.6

8H	4H	17.6	18.4	18.0	18.8	19.3	18.9	19.7	19.3	20.1	20.6
	6H	17.9	18.5	18.4	19.0	19.5	19.1	19.8	19.6	20.3	20.7
	8H	17.9	18.5	18.5	19.0	19.5	19.1	19.7	19.6	20.2	20.7
	12H	18.0	18.5	18.5	19.0	19.5	19.1	19.7	19.6	20.2	20.7

12H	4H	17.6	18.3	18.0	18.8	19.2	18.8	19.6	19.3	20.0	20.5
	6H	17.9	18.5	18.4	19.0	19.5	19.1	19.7	19.6	20.2	20.7
	8H	18.0	18.5	18.5	19.0	19.5	19.1	19.7	19.6	20.2	20.7

Maximum UGR = 20.7

POLAR GRAPH



Maximum Candela = 1574.28 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.)