



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-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.

[ISSUE DATE] 06-MAR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] DILG-S22-L45/8TW-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	4543
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	38.7
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	4924	5315	5779
55	4325	4839	5594
65	3545	4206	5002
75	2417	2891	2936
85	832	1002	784

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-FAD-DIM-UNV 4000K_.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	1783.533	1783.533	1783.533	1783.533	1783.533
0.5	1787.541	1784.535	1782.531	1781.529	1784.535
1.0	1786.539	1784.535	1781.529	1781.529	1784.535
1.5	1786.539	1783.533	1780.527	1780.527	1783.533
2.0	1785.537	1782.531	1779.525	1779.525	1782.531
2.5	1783.533	1781.529	1778.523	1778.523	1780.527
3.0	1782.531	1779.525	1777.521	1776.519	1779.525
3.5	1780.527	1777.521	1775.517	1775.517	1777.521
4.0	1778.523	1775.517	1773.513	1773.513	1775.517
4.5	1775.517	1773.513	1771.509	1771.509	1774.515
5.0	1773.513	1771.509	1769.505	1769.505	1772.511
5.5	1770.507	1768.503	1767.501	1767.501	1770.507
6.0	1767.501	1765.497	1764.496	1765.497	1768.503
6.5	1764.496	1762.492	1761.490	1763.494	1766.499
7.0	1760.488	1759.486	1759.486	1761.490	1764.496
7.5	1757.482	1756.480	1756.480	1759.486	1763.494
8.0	1754.476	1753.474	1754.476	1757.482	1760.488
8.5	1750.468	1750.468	1751.470	1754.476	1759.486
9.0	1747.462	1746.460	1749.466	1752.472	1757.482
9.5	1743.454	1743.454	1746.460	1750.468	1754.476
10.0	1739.446	1739.446	1743.454	1748.464	1752.472
10.5	1734.436	1735.438	1739.446	1745.458	1750.468
11.0	1730.428	1731.430	1736.440	1742.452	1747.462
11.5	1725.418	1727.422	1732.432	1739.446	1745.458
12.0	1720.408	1722.412	1728.424	1736.440	1742.452
12.5	1715.398	1717.402	1724.416	1733.434	1738.444
13.0	1710.388	1712.392	1719.406	1729.426	1735.438
13.5	1704.376	1706.380	1714.396	1725.418	1731.430
14.0	1698.364	1701.370	1709.386	1720.408	1726.420
14.5	1692.353	1695.359	1704.376	1715.398	1722.412
15.0	1686.341	1689.347	1699.366	1710.388	1717.402
15.5	1679.327	1682.333	1693.355	1705.378	1712.392
16.0	1673.315	1676.321	1687.343	1699.366	1706.380
16.5	1666.301	1669.307	1681.331	1693.355	1701.370
17.0	1659.287	1662.293	1675.319	1688.345	1695.359
17.5	1652.273	1655.279	1669.307	1682.333	1690.349
18.0	1644.257	1648.265	1662.293	1676.321	1684.337
18.5	1637.243	1641.251	1655.279	1670.309	1679.327
19.0	1629.228	1633.235	1649.267	1664.297	1673.315
19.5	1621.212	1626.222	1642.253	1659.287	1668.305
20.0	1612.194	1618.206	1635.239	1653.275	1662.293
20.5	1604.178	1610.190	1628.226	1647.263	1656.281
21.0	1595.160	1602.174	1620.210	1641.251	1651.271
21.5	1587.144	1593.156	1613.196	1634.237	1644.257
22.0	1578.126	1585.140	1605.180	1627.224	1638.245
22.5	1569.108	1576.122	1597.164	1620.210	1631.232
23.0	1559.089	1567.104	1589.148	1613.196	1624.218
23.5	1549.069	1558.087	1580.130	1605.180	1616.202
24.0	1540.051	1548.067	1572.114	1597.164	1609.188
24.5	1530.031	1538.047	1563.097	1589.148	1601.172
25.0	1519.009	1528.027	1554.079	1580.130	1593.156
25.5	1507.987	1518.007	1544.059	1571.112	1584.138
26.0	1497.968	1506.985	1535.041	1562.095	1576.122
26.5	1485.944	1495.964	1525.021	1553.077	1567.104

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-FAD-DIM-UNV 4000K_.IES

CANDELA TABULATION - (Cont.)

27.0	1474.922	1484.942	1515.001	1544.059	1559.089
27.5	1462.898	1473.920	1504.981	1535.041	1550.071
28.0	1451.876	1462.898	1494.962	1526.023	1541.053
28.5	1439.852	1451.876	1484.942	1517.005	1533.037
29.0	1428.831	1440.854	1474.922	1507.987	1524.019
29.5	1416.807	1429.833	1464.902	1498.969	1515.001
30.0	1404.783	1417.809	1453.880	1489.952	1506.985
30.5	1392.759	1406.787	1443.860	1479.932	1497.968
31.0	1381.737	1395.765	1432.838	1470.914	1488.950
31.5	1369.713	1383.741	1422.819	1461.896	1479.932
32.0	1357.690	1372.719	1411.797	1451.876	1470.914
32.5	1345.666	1360.696	1400.775	1441.856	1460.894
33.0	1333.642	1348.672	1389.753	1431.836	1451.876
33.5	1320.616	1336.648	1378.731	1421.817	1441.856
34.0	1308.592	1324.624	1367.709	1411.797	1431.836
34.5	1296.569	1312.600	1355.686	1400.775	1421.817
35.0	1283.543	1299.574	1344.664	1390.755	1411.797
35.5	1269.515	1287.551	1333.642	1379.733	1401.777
36.0	1256.489	1274.525	1321.618	1368.711	1391.757
36.5	1243.463	1261.499	1309.594	1358.692	1381.737
37.0	1230.438	1248.473	1298.573	1347.670	1370.715
37.5	1217.412	1236.449	1286.549	1336.648	1360.696
38.0	1204.386	1223.424	1273.523	1324.624	1349.674
38.5	1190.358	1210.398	1261.499	1313.602	1338.652
39.0	1177.332	1197.372	1249.475	1301.578	1326.628
39.5	1164.307	1184.346	1236.449	1290.557	1315.606
40.0	1150.279	1171.320	1223.424	1278.533	1303.582
40.5	1137.253	1157.293	1211.400	1265.507	1292.561
41.0	1123.225	1144.267	1198.374	1253.483	1280.537
41.5	1109.197	1131.241	1185.348	1241.459	1269.515
42.0	1096.172	1117.213	1171.320	1229.436	1257.491
42.5	1082.144	1103.185	1158.295	1216.410	1246.469
43.0	1068.116	1089.158	1144.267	1204.386	1234.445
43.5	1054.088	1075.130	1131.241	1191.360	1222.422
44.0	1039.058	1061.102	1118.215	1179.336	1210.398
44.5	1025.031	1047.074	1104.187	1166.310	1198.374
45.0	1011.003	1032.045	1091.162	1154.287	1186.350
45.5	996.574	1018.017	1077.134	1142.263	1174.326
46.0	982.045	1003.989	1064.108	1129.237	1161.301
46.5	967.517	989.059	1050.080	1116.211	1149.277
47.0	953.088	974.631	1037.054	1103.185	1136.251
47.5	938.660	960.002	1023.027	1090.160	1124.227
48.0	924.131	945.673	1008.999	1077.134	1112.203
48.5	909.802	931.044	994.670	1063.106	1100.179
49.0	895.274	916.516	980.442	1050.080	1088.156
49.5	880.645	902.087	965.813	1036.052	1076.132
50.0	865.915	887.658	951.385	1023.027	1063.106
50.5	851.186	872.829	936.856	1010.001	1051.082
51.0	836.758	858.100	922.327	996.875	1038.056
51.5	822.529	843.271	907.798	983.649	1025.031
52.0	808.101	828.341	892.969	970.422	1012.005
52.5	793.572	813.512	878.440	957.096	999.179
53.0	779.043	798.582	864.012	943.669	985.853
53.5	764.314	783.552	849.483	930.042	972.426
54.0	749.585	768.522	834.954	916.215	958.699
54.5	734.856	753.292	820.525	902.488	945.072

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-FAD-DIM-UNV 4000K_.IES

CANDELA TABULATION - (Cont.)

55.0	720.327	738.062	805.796	888.560	931.545
55.5	705.698	722.932	791.067	874.633	917.818
56.0	691.269	707.602	776.238	860.404	904.191
56.5	676.540	692.472	761.408	846.377	890.765
57.0	661.711	677.442	746.779	832.149	876.937
57.5	647.182	662.312	732.251	818.021	863.210
58.0	632.453	647.382	717.622	803.692	849.383
58.5	617.924	632.353	703.293	789.364	835.555
59.0	603.496	617.423	688.764	775.136	821.527
59.5	589.267	602.594	674.336	761.008	807.600
60.0	574.839	587.965	659.607	746.679	793.672
60.5	560.611	573.336	645.078	732.451	780.145
61.0	546.382	558.907	630.549	718.022	764.615
61.5	532.254	544.178	615.920	703.694	746.880
62.0	518.126	529.549	601.391	689.666	728.443
62.5	504.299	515.020	587.063	674.636	709.906
63.0	490.572	500.592	572.835	659.006	691.370
63.5	476.644	486.363	558.506	642.373	672.532
64.0	462.717	472.035	544.278	624.838	653.895
64.5	448.789	457.707	530.050	607.203	635.559
65.0	434.962	443.479	516.122	589.267	613.716
65.5	421.335	429.451	502.095	571.131	590.470
66.0	407.607	415.623	488.167	553.096	566.823
66.5	394.181	401.696	474.239	534.258	544.378
67.0	380.955	388.069	460.312	513.517	524.239
67.5	367.728	374.542	446.484	491.874	504.099
68.0	354.302	361.115	431.856	471.133	483.658
68.5	340.875	347.589	416.826	450.593	462.616
69.0	327.649	334.262	401.996	431.254	441.274
69.5	314.523	321.136	386.566	412.016	419.531
70.0	301.698	308.110	370.935	392.978	398.489
70.5	288.972	295.185	355.304	373.941	379.852
71.0	276.147	282.560	339.573	354.602	361.616
71.5	263.722	270.135	323.942	335.765	343.581
72.0	251.198	257.811	308.010	318.531	325.445
72.5	238.773	245.486	292.580	301.898	307.309
73.0	226.849	233.663	276.848	285.766	289.373
73.5	215.226	222.340	261.117	269.835	271.338
74.0	203.603	210.717	246.188	254.003	253.803
74.5	192.982	199.595	231.859	238.573	236.969
75.0	181.660	188.173	217.230	223.042	220.637
75.5	170.838	176.951	203.203	207.411	204.405
76.0	160.117	166.129	189.576	192.381	188.874
76.5	149.396	155.308	176.650	177.852	174.045
77.0	138.975	144.586	164.526	163.925	160.017
77.5	128.855	134.567	153.103	150.598	146.590
78.0	118.936	124.547	141.480	137.873	134.166
78.5	109.417	114.727	130.458	125.849	122.142
79.0	100.198	105.208	119.437	114.126	110.419
79.5	91.381	96.090	108.816	103.004	99.497
80.0	82.964	87.473	98.696	92.483	89.076
80.5	74.948	79.157	89.076	82.764	79.457
81.0	67.333	71.241	79.958	73.646	70.440
81.5	60.119	63.826	71.241	65.129	62.023
82.0	53.205	56.813	62.925	57.213	54.107
82.5	46.692	50.199	55.209	49.899	46.793

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-FAD-DIM-UNV 4000K_.IES

CANDELA TABULATION - (Cont.)

83.0	40.580	43.987	47.995	43.186	40.079
83.5	34.969	38.276	41.482	37.073	34.067
84.0	29.859	33.066	35.570	31.563	28.557
84.5	25.250	28.256	30.160	26.653	23.847
85.0	21.042	24.048	25.350	22.344	19.839
85.5	17.334	20.140	21.042	18.537	16.332
86.0	14.028	16.733	17.435	15.230	13.427
86.5	11.222	13.727	14.128	12.324	10.721
87.0	8.817	11.022	11.322	9.719	8.316
87.5	6.914	8.817	8.918	7.415	6.112
88.0	5.311	7.114	7.014	5.711	4.609
88.5	4.008	5.611	5.511	4.609	3.808
89.0	2.906	4.509	4.509	3.707	3.206
89.5	2.305	3.607	3.607	3.106	2.605
90.0	1.703	2.806	2.806	2.505	2.104
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-FAD-DIM-UNV 4000K_.IES

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-L45-8TW-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-L45-8TW-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-L45-8TW-FAD-DIM-UNV 4000K_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	647.41	N.A.	14.30
0-30	1362.75	N.A.	30.00
0-40	2203.9	N.A.	48.50
0-60	3775.09	N.A.	83.10
0-80	4509.11	N.A.	99.30
0-90	4543.04	N.A.	100.00
10-90	4374.88	N.A.	96.30
20-40	1556.49	N.A.	34.30
20-50	2399.98	N.A.	52.80
40-70	2081.44	N.A.	45.80
60-80	734.02	N.A.	16.20
70-80	223.77	N.A.	4.90
80-90	33.93	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	4543.11	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	168.16
10-20	479.25
20-30	715.34
30-40	841.15
40-50	843.48
50-60	727.71
60-70	510.25
70-80	223.77
80-90	33.93
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-L45-8TW-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	167	167	167	167	163	163	163	163	156	156	156	150	150	150	143	143	143	141
1	154	148	142	137	150	145	140	135	139	135	131	133	130	127	128	126	123	120
2	141	130	121	113	137	127	119	112	122	115	109	118	112	107	114	109	105	102
3	129	115	104	95	125	112	102	94	108	100	93	105	97	91	101	95	89	86
4	118	102	90	81	115	100	89	80	97	87	79	93	85	78	90	83	77	74
5	109	91	79	70	106	90	78	70	87	77	69	84	75	68	82	74	67	65
6	101	82	70	61	98	81	70	61	79	68	61	76	67	60	74	66	60	57
7	93	75	63	54	91	74	62	54	72	61	54	70	60	53	68	59	53	50
8	87	68	57	49	85	67	56	48	66	55	48	64	55	48	62	54	48	45
9	81	63	51	44	79	62	51	44	60	50	43	59	50	43	57	49	43	41
10	76	58	47	40	75	57	47	40	56	46	40	55	46	39	53	45	39	37

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L45-8TW-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	15.6	17.2	16.0	17.5	17.8	17.2	18.8	17.6	19.1	19.4
	3H	17.0	18.4	17.3	18.7	19.1	18.7	20.1	19.1	20.4	20.8
	4H	17.4	18.7	17.8	19.0	19.4	19.0	20.4	19.4	20.7	21.1
	6H	17.6	18.8	18.0	19.2	19.5	19.2	20.4	19.6	20.8	21.2
	8H	17.6	18.8	18.0	19.1	19.5	19.2	20.4	19.6	20.7	21.1
	12H	17.6	18.7	18.0	19.1	19.5	19.2	20.3	19.6	20.7	21.1

UGR Viewed Endwise

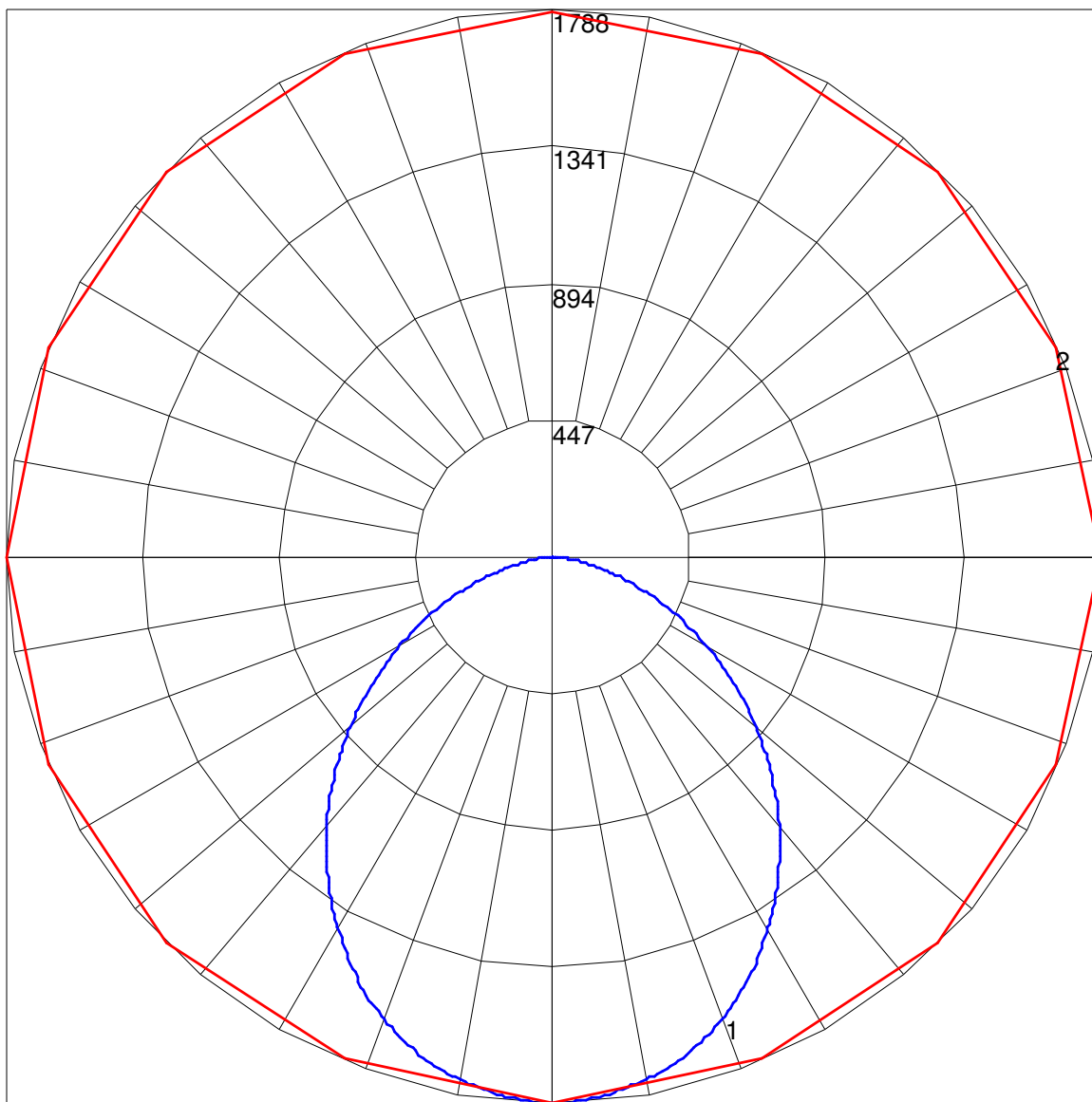
4H	2H	16.3	17.7	16.7	18.0	18.4	17.6	18.9	18.0	19.3	19.7
	3H	17.9	19.0	18.3	19.4	19.8	19.3	20.4	19.7	20.8	21.2
	4H	18.3	19.3	18.8	19.7	20.2	19.7	20.7	20.2	21.1	21.6
	6H	18.6	19.5	19.0	19.9	20.4	19.9	20.8	20.4	21.2	21.7
	8H	18.6	19.4	19.1	19.9	20.3	20.0	20.8	20.4	21.2	21.7
	12H	18.6	19.4	19.1	19.8	20.3	19.9	20.7	20.4	21.1	21.6

8H	4H	18.6	19.4	19.0	19.8	20.3	19.9	20.7	20.3	21.1	21.6
	6H	18.9	19.5	19.4	20.0	20.5	20.1	20.8	20.6	21.3	21.7
	8H	18.9	19.5	19.4	20.0	20.5	20.1	20.7	20.6	21.2	21.7
	12H	18.9	19.5	19.5	20.0	20.5	20.1	20.7	20.6	21.2	21.7

12H	4H	18.6	19.3	19.0	19.8	20.2	19.8	20.6	20.3	21.0	21.5
	6H	18.9	19.5	19.4	20.0	20.5	20.1	20.7	20.6	21.2	21.7
	8H	19.0	19.5	19.5	20.0	20.5	20.1	20.7	20.6	21.2	21.7

Maximum UGR = 21.7

POLAR GRAPH



Maximum Candela = 1787.541 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.)