



IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S24-P27-8TW-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-P27/8TW-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	2746
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	136
Total Luminaire Watts	20.2
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	1414	1498	1586
55	1255	1377	1528
65	1054	1233	1386
75	747	847	862
85	289	321	320

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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	1060.659	1060.659	1060.659	1060.659	1060.659
0.5	1076.462	1065.926	1056.321	1054.461	1055.081
1.0	1076.152	1065.616	1056.321	1054.461	1054.771
1.5	1075.842	1065.307	1056.011	1054.151	1054.461
2.0	1075.532	1064.997	1055.391	1053.842	1054.151
2.5	1074.912	1064.377	1055.081	1053.222	1053.842
3.0	1074.293	1063.757	1054.461	1052.912	1053.222
3.5	1073.673	1063.138	1053.532	1052.292	1052.602
4.0	1072.743	1062.208	1052.912	1051.363	1051.982
4.5	1071.504	1060.968	1051.982	1050.433	1051.053
5.0	1070.264	1060.039	1050.743	1049.504	1050.123
5.5	1069.025	1058.490	1049.504	1048.574	1049.194
6.0	1067.476	1056.940	1048.264	1047.335	1047.954
6.5	1065.616	1055.391	1047.025	1046.095	1046.715
7.0	1063.757	1053.842	1045.475	1044.856	1045.475
7.5	1061.898	1051.982	1043.926	1043.306	1043.926
8.0	1059.729	1049.813	1042.067	1041.757	1042.377
8.5	1057.250	1047.644	1040.208	1040.208	1040.827
9.0	1054.771	1045.475	1038.349	1038.658	1038.968
9.5	1051.982	1042.996	1036.179	1036.489	1037.109
10.0	1049.194	1040.208	1034.010	1034.630	1035.250
10.5	1046.405	1037.729	1031.841	1032.461	1033.391
11.0	1043.306	1034.940	1029.363	1030.292	1031.222
11.5	1040.208	1031.841	1026.574	1028.123	1029.053
12.0	1036.799	1028.743	1024.095	1025.644	1026.884
12.5	1033.391	1025.644	1020.996	1023.165	1024.715
13.0	1029.672	1022.236	1018.207	1020.686	1022.236
13.5	1025.954	1018.517	1015.109	1017.898	1019.757
14.0	1022.236	1015.109	1011.700	1015.109	1017.278
14.5	1018.517	1011.391	1008.292	1012.320	1014.489
15.0	1014.489	1007.362	1004.883	1009.221	1011.700
15.5	1010.151	1003.334	1001.475	1006.123	1008.912
16.0	1006.123	999.306	997.757	1002.714	1005.813
16.5	1001.785	995.278	993.728	999.306	1002.714
17.0	997.447	990.940	989.700	995.897	999.616
17.5	992.799	986.292	985.672	992.489	995.897
18.0	988.151	981.954	981.644	988.771	992.489
18.5	983.503	977.306	977.306	985.052	988.771
19.0	978.545	972.348	972.968	981.024	985.052
19.5	973.587	967.700	968.630	976.996	981.334
20.0	968.320	962.742	964.291	972.968	977.306
20.5	963.362	957.784	959.643	968.630	973.587
21.0	958.094	952.827	954.996	964.601	969.249
21.5	952.827	947.559	950.348	960.263	965.221
22.0	947.249	942.291	945.700	955.925	960.883
22.5	941.671	937.024	940.742	951.587	956.545
23.0	936.094	931.756	936.094	946.939	952.517
23.5	930.516	926.178	931.136	942.601	948.179
24.0	924.629	920.911	926.178	937.953	943.531
24.5	918.742	915.333	921.221	933.305	939.193
25.0	912.854	909.446	915.953	928.657	934.545
25.5	906.967	903.868	910.685	924.009	929.897
26.0	900.770	898.291	905.418	919.052	925.249
26.5	894.882	892.403	900.150	914.404	920.601

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CANDELA TABULATION - (Cont.)

27.0	888.685	886.516	894.882	909.446	915.953
27.5	882.178	880.319	889.305	904.488	910.995
28.0	875.981	874.431	884.037	899.220	906.037
28.5	869.783	868.234	878.460	894.263	901.080
29.0	862.657	862.037	872.882	888.995	896.432
29.5	856.149	855.840	867.305	883.727	891.164
30.0	849.333	849.642	861.417	878.769	886.206
30.5	842.825	843.135	855.840	873.502	881.248
31.0	836.008	836.938	849.952	868.234	876.291
31.5	829.191	830.431	844.375	862.657	871.023
32.0	822.375	823.614	838.487	857.389	866.065
32.5	815.867	817.107	832.290	852.121	860.797
33.0	808.741	810.600	826.403	846.544	855.530
33.5	801.924	803.783	820.205	840.966	850.262
34.0	794.797	796.966	814.008	835.389	844.685
34.5	787.670	790.149	807.811	829.501	839.417
35.0	780.543	783.332	801.304	823.614	833.839
35.5	773.416	776.205	794.797	817.727	827.952
36.0	765.980	769.078	788.290	811.839	822.065
36.5	758.543	761.951	781.783	805.642	816.177
37.0	750.796	754.825	775.275	799.445	809.980
37.5	743.050	747.698	768.458	793.247	803.473
38.0	735.303	740.261	761.641	786.740	796.966
38.5	727.557	732.824	754.825	779.923	790.459
39.0	719.500	725.388	748.008	773.416	783.642
39.5	711.754	717.951	740.881	766.599	776.515
40.0	703.387	710.204	733.754	759.472	769.388
40.5	695.331	702.768	726.627	752.346	762.261
41.0	687.275	694.711	719.190	744.909	754.825
41.5	679.218	686.965	711.754	737.782	747.078
42.0	670.852	678.908	704.317	730.036	739.331
42.5	662.795	671.162	696.880	722.289	731.895
43.0	654.119	662.795	689.134	714.542	724.458
43.5	646.063	655.049	681.697	706.486	717.331
44.0	637.697	646.683	673.641	698.430	710.514
44.5	629.330	638.316	665.894	690.373	703.387
45.0	620.964	630.260	657.838	682.317	696.261
45.5	612.288	621.894	649.781	674.880	689.134
46.0	603.922	613.527	641.725	667.443	682.317
46.5	595.555	605.471	633.668	660.007	675.190
47.0	586.879	597.105	625.612	652.570	668.063
47.5	578.203	588.738	617.246	645.133	661.246
48.0	569.837	580.062	608.879	637.697	654.429
48.5	560.851	571.696	600.513	630.260	647.922
49.0	552.484	563.330	592.147	622.823	640.795
49.5	543.498	554.963	583.471	615.386	633.668
50.0	534.822	546.597	575.104	608.260	625.922
50.5	526.146	537.921	566.428	601.133	617.865
51.0	517.160	529.555	557.752	594.006	609.499
51.5	508.484	520.879	549.076	586.879	601.753
52.0	499.498	512.512	540.400	579.133	593.696
52.5	490.822	503.836	531.724	571.076	585.640
53.0	482.146	495.470	523.357	562.710	577.273
53.5	473.470	486.794	514.991	554.653	569.217
54.0	464.484	478.427	506.935	546.287	560.851
54.5	455.807	469.751	498.878	537.921	552.484

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CANDELA TABULATION - (Cont.)

55.0	447.131	461.075	490.512	529.555	544.428
55.5	438.765	452.709	482.456	521.188	536.062
56.0	430.089	444.033	474.399	512.512	528.005
56.5	421.413	435.666	466.653	504.146	519.949
57.0	413.046	426.990	458.596	495.470	511.583
57.5	404.370	418.314	450.850	487.413	503.216
58.0	396.004	409.948	443.103	479.047	494.850
58.5	387.328	401.272	435.666	470.681	486.484
59.0	378.962	392.905	427.610	462.005	478.118
59.5	370.285	384.539	419.554	453.638	469.751
60.0	361.609	375.863	410.877	444.962	461.385
60.5	353.243	367.497	401.891	436.596	453.329
61.0	344.567	358.821	393.215	427.920	445.272
61.5	336.201	350.454	384.539	419.554	437.526
62.0	327.524	341.778	375.863	410.877	430.089
62.5	319.158	333.412	366.877	402.511	421.413
63.0	310.482	324.736	358.201	394.145	410.877
63.5	301.992	316.369	349.215	386.398	399.722
64.0	293.502	307.631	340.849	378.652	388.257
64.5	285.073	299.110	332.172	369.666	376.173
65.0	276.676	290.558	323.496	359.130	363.778
65.5	268.248	282.006	315.130	347.975	350.454
66.0	259.881	273.361	306.454	336.510	337.750
66.5	251.670	264.808	297.747	324.736	324.426
67.0	243.583	256.256	289.102	312.031	310.482
67.5	235.557	247.766	280.549	299.792	296.135
68.0	227.563	239.555	272.028	287.273	281.169
68.5	219.506	231.405	263.600	274.290	268.217
69.0	211.543	223.442	255.450	260.904	257.527
69.5	203.703	215.602	247.611	247.208	247.456
70.0	195.740	207.856	239.400	234.504	237.757
70.5	187.931	200.264	229.918	223.906	227.966
71.0	180.123	192.827	219.816	214.301	218.112
71.5	172.376	185.546	209.560	204.881	208.104
72.0	164.692	178.450	198.870	195.616	197.971
72.5	157.131	171.292	188.210	186.289	187.900
73.0	149.571	163.266	177.551	176.962	177.675
73.5	142.041	154.993	166.737	167.574	167.605
74.0	134.604	146.968	155.768	158.185	157.689
74.5	127.229	139.097	145.294	148.889	148.021
75.0	120.010	131.475	136.215	139.624	138.601
75.5	112.945	124.131	128.128	130.638	129.491
76.0	106.066	116.911	120.412	121.962	120.629
76.5	99.342	109.815	112.883	113.596	112.263
77.0	92.773	102.812	105.384	105.446	104.176
77.5	86.359	95.933	98.009	97.638	96.367
78.0	80.037	89.302	90.728	90.139	89.054
78.5	73.964	82.950	83.632	82.888	81.835
79.0	68.139	76.660	76.939	76.040	75.111
79.5	62.561	70.401	70.494	69.471	68.542
80.0	57.201	63.863	64.141	63.181	62.437
80.5	51.902	57.479	58.068	57.232	56.519
81.0	46.944	51.282	52.274	51.592	51.065
81.5	42.110	45.333	46.851	46.262	45.767
82.0	37.617	40.003	41.676	41.212	40.871
82.5	33.279	35.293	36.843	36.471	36.161

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CANDELA TABULATION - (Cont.)

83.0	29.189	31.017	32.288	32.040	31.854
83.5	25.347	27.051	28.105	27.919	27.795
84.0	21.845	23.302	24.169	24.138	24.014
84.5	18.592	19.862	20.575	20.606	20.606
85.0	15.617	16.702	17.352	17.445	17.321
85.5	12.921	13.851	14.471	14.440	14.347
86.0	10.504	11.310	11.899	11.837	11.682
86.5	8.397	9.110	9.637	9.451	9.172
87.0	6.569	7.158	7.592	7.313	6.972
87.5	5.020	5.547	5.918	5.392	4.896
88.0	3.780	4.245	4.462	3.842	3.408
88.5	2.727	3.130	3.192	2.727	2.386
89.0	1.859	2.138	2.231	1.921	1.704
89.5	1.239	1.363	1.518	1.332	1.177
90.0	0.837	0.992	1.054	0.899	0.775
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

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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-P27-8TW-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-P27-8TW-FAD-DIM-UNV 4000K_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	384.48	N.A.	14.00
0-30	808.09	N.A.	29.40
0-40	1310.51	N.A.	47.70
0-60	2259.65	N.A.	82.30
0-80	2722.08	N.A.	99.10
0-90	2745.94	N.A.	100.00
10-90	2645.77	N.A.	96.40
20-40	926.03	N.A.	33.70
20-50	1433.15	N.A.	52.20
40-70	1266.27	N.A.	46.10
60-80	462.42	N.A.	16.80
70-80	145.30	N.A.	5.30
80-90	23.86	N.A.	0.90
90-110	0.03	N.A.	0.00
90-120	0.03	N.A.	0.00
90-130	0.03	N.A.	0.00
90-150	0.03	N.A.	0.00
90-180	0.03	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	2745.97	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	100.17
10-20	284.31
20-30	423.61
30-40	502.42
40-50	507.12
50-60	442.02
60-70	317.13
70-80	145.30
80-90	23.86
90-100	0.03
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-P27-8TW-FAD-DIM-UNV 4000K_.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	63	63	63	63	61	61	61	61	58	58	58	56	56	56	54	54	54	53
1	58	55	53	51	56	54	52	50	52	50	49	50	48	47	48	47	46	45
2	52	48	45	42	51	47	44	42	46	43	41	44	42	40	42	40	39	38
3	48	43	38	35	47	42	38	35	40	37	34	39	36	34	37	35	33	32
4	44	38	33	30	43	37	33	30	36	32	29	35	32	29	34	31	29	27
5	40	34	29	26	39	33	29	26	32	28	25	31	28	25	30	27	25	24
6	37	31	26	23	36	30	26	23	29	25	22	28	25	22	27	24	22	21
7	35	28	23	20	34	27	23	20	27	23	20	26	22	20	25	22	20	19
8	32	25	21	18	32	25	21	18	24	20	18	24	20	18	23	20	18	17
9	30	23	19	16	29	23	19	16	22	19	16	22	18	16	21	18	16	15
10	28	21	17	15	28	21	17	15	21	17	15	20	17	15	20	17	14	14

IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S24-P27-8TW-FAD-DIM-UNV 4000K_.IES

UGR TABLE - CORRECTED

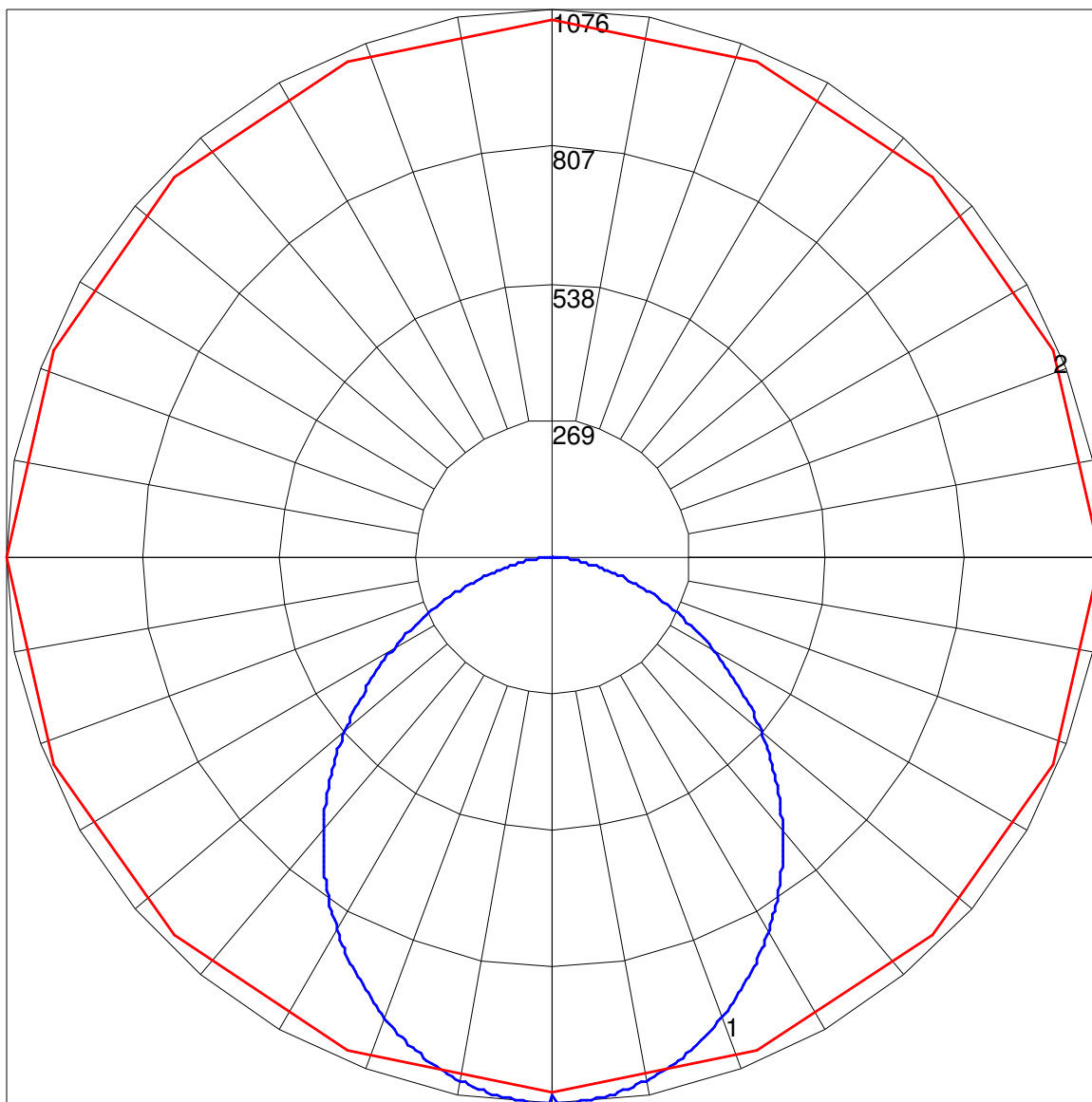
Reflectances

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					UGR Viewed Endwise				
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
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 = 1076.462 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.)