



IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-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] 10-05-2021
[MANUFAC] H E Williams Inc
[LUMCAT] DILG-S22-L25/835-FWPR-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	1961
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	19.6
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	2125	2294	2494
55	1867	2088	2414
65	1530	1815	2158
75	1043	1247	1267
85	359	432	338

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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	769.671	769.671	769.671	769.671	769.671
0.5	771.401	770.104	769.239	768.807	770.104
1.0	770.969	770.104	768.807	768.807	770.104
1.5	770.969	769.671	768.374	768.374	769.671
2.0	770.536	769.239	767.942	767.942	769.239
2.5	769.671	768.807	767.509	767.509	768.374
3.0	769.239	767.942	767.077	766.645	767.942
3.5	768.374	767.077	766.212	766.212	767.077
4.0	767.509	766.212	765.347	765.347	766.212
4.5	766.212	765.347	764.483	764.483	765.780
5.0	765.347	764.483	763.618	763.618	764.915
5.5	764.050	763.185	762.753	762.753	764.050
6.0	762.753	761.888	761.456	761.888	763.185
6.5	761.456	760.591	760.159	761.023	762.321
7.0	759.726	759.294	759.294	760.159	761.456
7.5	758.429	757.997	757.997	759.294	761.023
8.0	757.132	756.699	757.132	758.429	759.726
8.5	755.402	755.402	755.835	757.132	759.294
9.0	754.105	753.673	754.970	756.267	758.429
9.5	752.375	752.375	753.673	755.402	757.132
10.0	750.646	750.646	752.375	754.537	756.267
10.5	748.484	748.916	750.646	753.240	755.402
11.0	746.754	747.187	749.349	751.943	754.105
11.5	744.592	745.457	747.619	750.646	753.240
12.0	742.430	743.295	745.889	749.349	751.943
12.5	740.268	741.133	744.160	748.051	750.213
13.0	738.106	738.971	741.998	746.322	748.916
13.5	735.512	736.377	739.836	744.592	747.187
14.0	732.917	734.215	737.674	742.430	745.025
14.5	730.323	731.620	735.512	740.268	743.295
15.0	727.729	729.026	733.350	738.106	741.133
15.5	724.702	725.999	730.755	735.944	738.971
16.0	722.107	723.405	728.161	733.350	736.377
16.5	719.081	720.378	725.567	730.755	734.215
17.0	716.054	717.351	722.972	728.593	731.620
17.5	713.027	714.324	720.378	725.999	729.458
18.0	709.568	711.297	717.351	723.405	726.864
18.5	706.541	708.271	714.324	720.810	724.702
19.0	703.082	704.811	711.730	718.216	722.107
19.5	699.623	701.785	708.703	716.054	719.945
20.0	695.731	698.325	705.676	713.459	717.351
20.5	692.272	694.866	702.649	710.865	714.757
21.0	688.380	691.407	699.190	708.271	712.595
21.5	684.921	687.516	696.164	705.244	709.568
22.0	681.030	684.056	692.704	702.217	706.973
22.5	677.138	680.165	689.245	699.190	703.947
23.0	672.814	676.273	685.786	696.164	700.920
23.5	668.490	672.382	681.894	692.704	697.461
24.0	664.598	668.058	678.435	689.245	694.434
24.5	660.274	663.734	674.544	685.786	690.975
25.0	655.518	659.410	670.652	681.894	687.516
25.5	650.762	655.086	666.328	678.003	683.624
26.0	646.438	650.329	662.436	674.111	680.165
26.5	641.249	645.573	658.112	670.220	676.273

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CANDELA TABULATION - (Cont.)

27.0	636.492	640.816	653.788	666.328	672.814
27.5	631.304	636.060	649.464	662.436	668.922
28.0	626.547	631.304	645.140	658.545	665.031
28.5	621.358	626.547	640.816	654.653	661.572
29.0	616.602	621.791	636.492	650.762	657.680
29.5	611.413	617.034	632.168	646.870	653.788
30.0	606.224	611.846	627.412	642.978	650.329
30.5	601.036	607.089	623.088	638.654	646.438
31.0	596.279	602.333	618.332	634.763	642.546
31.5	591.090	597.144	614.008	630.871	638.654
32.0	585.902	592.388	609.251	626.547	634.763
32.5	580.713	587.199	604.495	622.223	630.439
33.0	575.524	582.010	599.738	617.899	626.547
33.5	569.903	576.821	594.982	613.575	622.223
34.0	564.714	571.632	590.226	609.251	617.899
34.5	559.525	566.444	585.037	604.495	613.575
35.0	553.904	560.822	580.280	600.171	609.251
35.5	547.850	555.634	575.524	595.414	604.927
36.0	542.229	550.012	570.335	590.658	600.603
36.5	536.608	544.391	565.146	586.334	596.279
37.0	530.987	538.770	560.390	581.578	591.523
37.5	525.366	533.581	555.201	576.821	587.199
38.0	519.744	527.960	549.580	571.632	582.442
38.5	513.691	522.339	544.391	566.876	577.686
39.0	508.070	516.718	539.202	561.687	572.497
39.5	502.448	511.096	533.581	556.931	567.741
40.0	496.395	505.475	527.960	551.742	562.552
40.5	490.774	499.422	522.771	546.121	557.796
41.0	484.720	493.800	517.150	540.932	552.607
41.5	478.666	488.179	511.529	535.743	547.850
42.0	473.045	482.126	505.475	530.554	542.662
42.5	466.992	476.072	499.854	524.933	537.905
43.0	460.938	470.018	493.800	519.744	532.716
43.5	454.884	463.965	488.179	514.123	527.528
44.0	448.398	457.911	482.558	508.934	522.339
44.5	442.345	451.858	476.504	503.313	517.150
45.0	436.291	445.372	470.883	498.124	511.961
45.5	430.065	439.318	464.830	492.936	506.772
46.0	423.795	433.264	459.208	487.314	501.151
46.5	417.525	426.822	453.155	481.693	495.962
47.0	411.299	420.595	447.534	476.072	490.341
47.5	405.072	414.282	441.480	470.451	485.152
48.0	398.802	408.099	435.426	464.830	479.964
48.5	392.619	401.786	429.243	458.776	474.775
49.0	386.349	395.516	423.103	453.155	469.586
49.5	380.036	389.289	416.790	447.101	464.397
50.0	373.680	383.063	410.564	441.480	458.776
50.5	367.324	376.663	404.294	435.859	453.587
51.0	361.097	370.307	398.024	430.194	447.966
51.5	354.957	363.908	391.754	424.487	442.345
52.0	348.730	357.465	385.355	418.779	436.724
52.5	342.461	351.065	379.085	413.028	431.189
53.0	336.191	344.623	372.858	407.234	425.438
53.5	329.834	338.137	366.588	401.353	419.644
54.0	323.478	331.651	360.319	395.386	413.720
54.5	317.122	325.078	354.092	389.462	407.839

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CANDELA TABULATION - (Cont.)

55.0	310.852	318.506	347.736	383.452	402.002
55.5	304.539	311.976	341.380	377.442	396.078
56.0	298.313	305.361	334.980	371.302	390.197
56.5	291.956	298.831	328.581	365.248	384.403
57.0	285.557	292.345	322.267	359.108	378.436
57.5	279.287	285.816	315.998	353.011	372.512
58.0	272.931	279.373	309.685	346.828	366.545
58.5	266.661	272.887	303.501	340.644	360.578
59.0	260.434	266.445	297.232	334.504	354.525
59.5	254.294	260.045	291.005	328.408	348.514
60.0	248.068	253.732	284.649	322.224	342.504
60.5	241.928	247.419	278.379	316.084	336.666
61.0	235.788	241.193	272.109	309.858	329.964
61.5	229.691	234.836	265.796	303.674	322.311
62.0	223.594	228.523	259.526	297.621	314.355
62.5	217.627	222.253	253.343	291.135	306.355
63.0	211.703	216.027	247.203	284.389	298.356
63.5	205.693	209.887	241.020	277.211	290.227
64.0	199.682	203.703	234.880	269.644	282.184
64.5	193.672	197.520	228.739	262.034	274.271
65.0	187.705	191.380	222.729	254.294	264.845
65.5	181.824	185.327	216.675	246.468	254.813
66.0	175.900	179.359	210.665	238.685	244.609
66.5	170.106	173.349	204.655	230.556	234.923
67.0	164.398	167.468	198.644	221.605	226.232
67.5	158.691	161.631	192.677	212.265	217.540
68.0	152.897	155.837	186.364	203.314	208.719
68.5	147.102	149.999	179.878	194.450	199.639
69.0	141.395	144.249	173.479	186.105	190.429
69.5	135.730	138.584	166.820	177.803	181.046
70.0	130.196	132.963	160.074	169.587	171.965
70.5	124.704	127.385	153.329	161.372	163.923
71.0	119.169	121.937	146.540	153.026	156.053
71.5	113.808	116.575	139.795	144.897	148.270
72.0	108.403	111.256	132.920	137.460	140.443
72.5	103.041	105.938	126.261	130.282	132.617
73.0	97.895	100.836	119.472	123.320	124.877
73.5	92.879	95.949	112.683	116.445	117.094
74.0	87.864	90.934	106.241	109.613	109.527
74.5	83.280	86.134	100.057	102.954	102.263
75.0	78.394	81.205	93.744	96.252	95.214
75.5	73.724	76.362	87.691	89.507	88.210
76.0	69.097	71.692	81.810	83.021	81.507
76.5	64.471	67.022	76.232	76.751	75.108
77.0	59.974	62.395	71.000	70.741	69.054
77.5	55.607	58.071	66.071	64.990	63.260
78.0	51.326	53.747	61.055	59.498	57.898
78.5	47.218	49.510	56.298	54.309	52.710
79.0	43.240	45.402	51.542	49.250	47.650
79.5	39.435	41.467	46.959	44.451	42.937
80.0	35.803	37.748	42.591	39.910	38.440
80.5	32.343	34.160	38.440	35.716	34.289
81.0	29.057	30.744	34.505	31.781	30.398
81.5	25.944	27.544	30.744	28.106	26.766
82.0	22.960	24.517	27.155	24.690	23.350
82.5	20.150	21.663	23.825	21.534	20.193

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CANDELA TABULATION - (Cont.)

83.0	17.512	18.982	20.712	18.636	17.296
83.5	15.091	16.518	17.901	15.999	14.702
84.0	12.886	14.269	15.350	13.621	12.323
84.5	10.896	12.194	13.015	11.502	10.291
85.0	9.080	10.378	10.940	9.643	8.562
85.5	7.481	8.691	9.080	7.999	7.048
86.0	6.054	7.221	7.524	6.572	5.794
86.5	4.843	5.924	6.097	5.319	4.627
87.0	3.805	4.756	4.886	4.194	3.589
87.5	2.984	3.805	3.848	3.200	2.638
88.0	2.292	3.070	3.027	2.465	1.989
88.5	1.730	2.421	2.378	1.989	1.643
89.0	1.254	1.946	1.946	1.600	1.384
89.5	0.995	1.557	1.557	1.340	1.124
90.0	0.735	1.211	1.211	1.081	0.908
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-S22-L25-835-FWPR-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-L25-835-FWPR-DIM-UNV_.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	279.39	N.A.	14.30
0-30	588.09	N.A.	30.00
0-40	951.08	N.A.	48.50
0-60	1629.12	N.A.	83.10
0-80	1945.87	N.A.	99.30
0-90	1960.52	N.A.	100.00
10-90	1887.95	N.A.	96.30
20-40	671.69	N.A.	34.30
20-50	1035.69	N.A.	52.80
40-70	898.23	N.A.	45.80
60-80	316.76	N.A.	16.20
70-80	96.56	N.A.	4.90
80-90	14.64	N.A.	0.70
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	1960.55	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	72.57
10-20	206.82
20-30	308.70
30-40	362.99
40-50	364.00
50-60	314.04
60-70	220.20
70-80	96.56
80-90	14.64
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-S22-L25-835-FWPR-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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	86
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	74	69	65	72	67	64	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	49	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

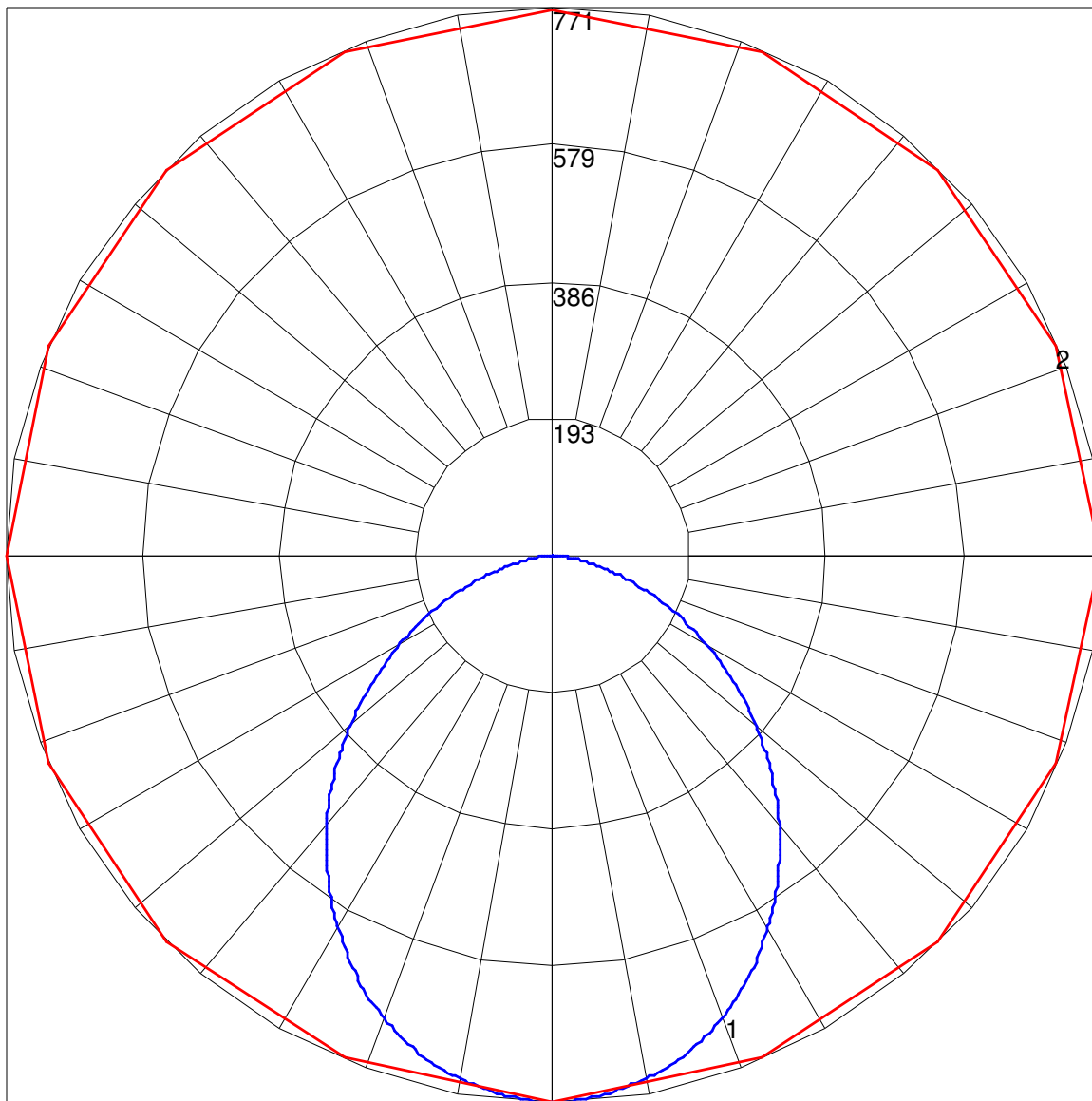
IES INDOOR REPORT
PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-DIM-UNV_.IES

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	13.8	15.4	14.2	15.7	16.0	15.4	17.0	15.8	17.3	17.6
	3H	15.2	16.6	15.5	16.9	17.3	16.9	18.3	17.2	18.6	19.0
	4H	15.6	16.9	16.0	17.2	17.6	17.2	18.6	17.6	18.9	19.3
	6H	15.8	17.0	16.2	17.4	17.7	17.4	18.6	17.8	19.0	19.4
	8H	15.8	17.0	16.2	17.3	17.7	17.4	18.6	17.8	18.9	19.3
	12H	15.8	16.9	16.2	17.3	17.7	17.4	18.5	17.8	18.9	19.3
4H	2H	14.5	15.9	14.9	16.2	16.6	15.8	17.1	16.2	17.5	17.9
	3H	16.1	17.2	16.5	17.6	18.0	17.5	18.6	17.9	19.0	19.4
	4H	16.5	17.5	17.0	17.9	18.4	17.9	18.9	18.4	19.3	19.8
	6H	16.8	17.7	17.2	18.1	18.6	18.1	19.0	18.6	19.4	19.9
	8H	16.8	17.6	17.3	18.1	18.5	18.2	19.0	18.6	19.4	19.9
	12H	16.8	17.6	17.3	18.0	18.5	18.1	18.9	18.6	19.3	19.8
8H	4H	16.8	17.6	17.2	18.0	18.5	18.1	18.9	18.5	19.3	19.8
	6H	17.1	17.7	17.6	18.2	18.7	18.3	19.0	18.8	19.5	19.9
	8H	17.1	17.7	17.6	18.2	18.7	18.3	18.9	18.8	19.4	19.9
	12H	17.1	17.7	17.7	18.2	18.7	18.3	18.9	18.8	19.4	19.9
12H	4H	16.8	17.5	17.2	18.0	18.4	18.0	18.8	18.5	19.2	19.7
	6H	17.1	17.7	17.6	18.2	18.7	18.3	18.9	18.8	19.4	19.9
	8H	17.2	17.7	17.7	18.2	18.7	18.3	18.9	18.8	19.4	19.9

Maximum UGR = 19.9

POLAR GRAPH



Maximum Candela = 771.401 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.)