



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-(L20)-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-(L20)-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	1532
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	15.6
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	1660	1792	1948
55	1458	1631	1886
65	1195	1418	1686
75	815	975	990
85	280	338	264

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-(L20)-DIM-UNV\_.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	601.251	601.251	601.251	601.251	601.251
0.5	602.602	601.588	600.913	600.575	601.588
1.0	602.264	601.588	600.575	600.575	601.588
1.5	602.264	601.251	600.237	600.237	601.251
2.0	601.926	600.913	599.899	599.899	600.913
2.5	601.251	600.575	599.562	599.562	600.237
3.0	600.913	599.899	599.224	598.886	599.899
3.5	600.237	599.224	598.548	598.548	599.224
4.0	599.562	598.548	597.873	597.873	598.548
4.5	598.548	597.873	597.197	597.197	598.210
5.0	597.873	597.197	596.522	596.522	597.535
5.5	596.859	596.184	595.846	595.846	596.859
6.0	595.846	595.170	594.833	595.170	596.184
6.5	594.833	594.157	593.819	594.495	595.508
7.0	593.482	593.144	593.144	593.819	594.833
7.5	592.468	592.130	592.130	593.144	594.495
8.0	591.455	591.117	591.455	592.468	593.482
8.5	590.104	590.104	590.442	591.455	593.144
9.0	589.090	588.753	589.766	590.779	592.468
9.5	587.739	587.739	588.753	590.104	591.455
10.0	586.388	586.388	587.739	589.428	590.779
10.5	584.699	585.037	586.388	588.415	590.104
11.0	583.348	583.686	585.375	587.401	589.090
11.5	581.659	582.335	584.024	586.388	588.415
12.0	579.970	580.646	582.673	585.375	587.401
12.5	578.281	578.957	581.321	584.361	586.050
13.0	576.592	577.268	579.633	583.010	585.037
13.5	574.566	575.241	577.944	581.659	583.686
14.0	572.539	573.552	576.255	579.970	581.997
14.5	570.512	571.526	574.566	578.281	580.646
15.0	568.486	569.499	572.877	576.592	578.957
15.5	566.121	567.135	570.850	574.904	577.268
16.0	564.095	565.108	568.824	572.877	575.241
16.5	561.730	562.743	566.797	570.850	573.552
17.0	559.366	560.379	564.770	569.161	571.526
17.5	557.001	558.015	562.743	567.135	569.837
18.0	554.299	555.650	560.379	565.108	567.810
18.5	551.934	553.286	558.015	563.081	566.121
19.0	549.232	550.583	555.988	561.055	564.095
19.5	546.530	548.219	553.623	559.366	562.406
20.0	543.490	545.517	551.259	557.339	560.379
20.5	540.788	542.814	548.894	555.312	558.352
21.0	537.748	540.112	546.192	553.286	556.663
21.5	535.045	537.072	543.828	550.921	554.299
22.0	532.005	534.370	541.125	548.557	552.272
22.5	528.965	531.330	538.423	546.192	549.908
23.0	525.588	528.290	535.721	543.828	547.543
23.5	522.210	525.250	532.681	541.125	544.841
24.0	519.170	521.872	529.979	538.423	542.477
24.5	515.792	518.494	526.939	535.721	539.774
25.0	512.076	515.116	523.899	532.681	537.072
25.5	508.361	511.739	520.521	529.641	534.032
26.0	504.983	508.023	517.481	526.601	531.330
26.5	500.930	504.307	514.103	523.561	528.290

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-(L20)-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

27.0	497.214	500.592	510.725	520.521	525.588
27.5	493.161	496.876	507.347	517.481	522.548
28.0	489.445	493.161	503.970	514.441	519.507
28.5	485.392	489.445	500.592	511.401	516.805
29.0	481.676	485.729	497.214	508.361	513.765
29.5	477.623	482.014	493.836	505.321	510.725
30.0	473.569	477.960	490.121	502.281	508.023
30.5	469.516	474.245	486.743	498.903	504.983
31.0	465.800	470.529	483.027	495.863	501.943
31.5	461.747	466.476	479.649	492.823	498.903
32.0	457.694	462.760	475.934	489.445	495.863
32.5	453.640	458.707	472.218	486.067	492.485
33.0	449.587	454.653	468.503	482.689	489.445
33.5	445.196	450.600	464.787	479.312	486.067
34.0	441.142	446.547	461.071	475.934	482.689
34.5	437.089	442.493	457.018	472.218	479.312
35.0	432.698	438.102	453.302	468.840	475.934
35.5	427.969	434.049	449.587	465.125	472.556
36.0	423.578	429.658	445.533	461.409	469.178
36.5	419.186	425.267	441.480	458.031	465.800
37.0	414.795	420.875	437.764	454.316	462.085
37.5	410.404	416.822	433.711	450.600	458.707
38.0	406.013	412.431	429.320	446.547	454.991
38.5	401.284	408.040	425.267	442.831	451.276
39.0	396.893	403.649	421.213	438.778	447.222
39.5	392.502	399.257	416.822	435.062	443.507
40.0	387.773	394.866	412.431	431.009	439.453
40.5	383.382	390.137	408.377	426.618	435.738
41.0	378.653	385.746	403.986	422.564	431.684
41.5	373.924	381.355	399.595	418.511	427.969
42.0	369.533	376.626	394.866	414.458	423.915
42.5	364.804	371.897	390.475	410.066	420.200
43.0	360.075	367.168	385.746	406.013	416.146
43.5	355.346	362.439	381.355	401.622	412.093
44.0	350.279	357.710	376.964	397.568	408.040
44.5	345.550	352.981	372.235	393.177	403.986
45.0	340.821	347.915	367.844	389.124	399.933
45.5	335.957	343.186	363.115	385.071	395.880
46.0	331.059	338.457	358.724	380.679	391.488
46.5	326.162	333.424	353.995	376.288	387.435
47.0	321.297	328.560	349.604	371.897	383.044
47.5	316.433	323.628	344.875	367.506	378.990
48.0	311.536	318.798	340.146	363.115	374.937
48.5	306.705	313.866	335.315	358.386	370.884
49.0	301.807	308.968	330.519	353.995	366.830
49.5	296.876	304.104	325.587	349.266	362.777
50.0	291.911	299.240	320.723	344.875	358.386
50.5	286.945	294.241	315.825	340.483	354.332
51.0	282.081	289.276	310.928	336.059	349.941
51.5	277.285	284.277	306.030	331.600	345.550
52.0	272.421	279.244	301.031	327.141	341.159
52.5	267.523	274.245	296.133	322.649	336.835
53.0	262.625	269.212	291.269	318.122	332.343
53.5	257.659	264.145	286.371	313.529	327.817
54.0	252.694	259.078	281.473	308.867	323.189
54.5	247.729	253.944	276.609	304.240	318.595

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-(L20)-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

55.0	242.831	248.810	271.644	299.544	314.035
55.5	237.899	243.709	266.678	294.849	309.408
56.0	233.035	238.541	261.679	290.053	304.814
56.5	228.070	233.441	256.680	285.324	300.287
57.0	223.071	228.374	251.748	280.527	295.626
57.5	218.173	223.273	246.850	275.765	290.998
58.0	213.207	218.240	241.919	270.934	286.337
58.5	208.310	213.174	237.089	266.104	281.676
59.0	203.446	208.141	232.191	261.308	276.947
59.5	198.649	203.142	227.327	256.545	272.252
60.0	193.785	198.210	222.361	251.715	267.556
60.5	188.989	193.278	217.464	246.918	262.996
61.0	184.192	188.414	212.566	242.054	257.761
61.5	179.429	183.449	207.634	237.224	251.782
62.0	174.667	178.517	202.736	232.495	245.567
62.5	170.005	173.620	197.906	227.428	239.318
63.0	165.378	168.755	193.110	222.159	233.069
63.5	160.683	163.959	188.279	216.552	226.719
64.0	155.987	159.129	183.483	210.640	220.436
64.5	151.292	154.298	178.686	204.695	214.255
65.0	146.631	149.502	173.991	198.649	206.891
65.5	142.037	144.773	169.262	192.535	199.054
66.0	137.409	140.112	164.567	186.455	191.083
66.5	132.883	135.416	159.872	180.105	183.517
67.0	128.424	130.823	155.177	173.113	176.727
67.5	123.966	126.263	150.515	165.817	169.938
68.0	119.439	121.736	145.584	158.825	163.047
68.5	114.913	117.176	140.517	151.900	155.954
69.0	110.454	112.684	135.518	145.381	148.759
69.5	106.030	108.259	130.316	138.896	141.429
70.0	101.706	103.868	125.047	132.478	134.336
70.5	97.416	99.510	119.777	126.060	128.053
71.0	93.092	95.254	114.474	119.541	121.905
71.5	88.904	91.066	109.205	113.190	115.825
72.0	84.682	86.911	103.834	107.381	109.711
72.5	80.493	82.756	98.632	101.773	103.597
73.0	76.474	78.771	93.329	96.335	97.551
73.5	72.555	74.954	88.026	90.964	91.471
74.0	68.637	71.035	82.993	85.628	85.560
74.5	65.057	67.286	78.163	80.426	79.885
75.0	61.240	63.435	73.231	75.190	74.379
75.5	57.592	59.652	68.502	69.921	68.907
76.0	53.977	56.004	63.908	64.854	63.672
76.5	50.363	52.356	59.551	59.956	58.673
77.0	46.850	48.742	55.464	55.261	53.944
77.5	43.439	45.364	51.613	50.769	49.417
78.0	40.095	41.986	47.695	46.479	45.229
78.5	36.886	38.676	43.979	42.425	41.176
79.0	33.778	35.467	40.264	38.473	37.223
79.5	30.806	32.393	36.683	34.724	33.542
80.0	27.968	29.488	33.271	31.177	30.029
80.5	25.266	26.685	30.029	27.901	26.786
81.0	22.699	24.016	26.955	24.827	23.746
81.5	20.267	21.517	24.016	21.956	20.909
82.0	17.936	19.152	21.213	19.287	18.240
82.5	15.741	16.923	18.612	16.822	15.774

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : DILG-S22-L25-835-FWPR-(L20)-DIM-UNV\_.IES**

**CANDELA TABULATION - (Cont.)**

83.0	13.680	14.829	16.180	14.558	13.511
83.5	11.789	12.903	13.984	12.498	11.485
84.0	10.066	11.147	11.991	10.640	9.627
84.5	8.512	9.525	10.167	8.985	8.039
85.0	7.093	8.107	8.546	7.533	6.688
85.5	5.844	6.789	7.093	6.249	5.506
86.0	4.729	5.641	5.877	5.134	4.526
86.5	3.783	4.628	4.763	4.155	3.614
87.0	2.972	3.716	3.817	3.276	2.804
87.5	2.331	2.972	3.006	2.500	2.060
88.0	1.790	2.398	2.364	1.925	1.554
88.5	1.351	1.892	1.858	1.554	1.284
89.0	0.980	1.520	1.520	1.250	1.081
89.5	0.777	1.216	1.216	1.047	0.878
90.0	0.574	0.946	0.946	0.844	0.709
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-L25-835-FWPR-(L20)-DIM-UNV\_.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-L25-835-FWPR-(L20)-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-L25-835-FWPR-(L20)-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-(L20)-DIM-UNV\_.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	218.25	N.A.	14.30
0-30	459.40	N.A.	30.00
0-40	742.96	N.A.	48.50
0-60	1272.63	N.A.	83.10
0-80	1520.08	N.A.	99.30
0-90	1531.51	N.A.	100.00
10-90	1474.82	N.A.	96.30
20-40	524.71	N.A.	34.30
20-50	809.06	N.A.	52.80
40-70	701.68	N.A.	45.80
60-80	247.45	N.A.	16.20
70-80	75.43	N.A.	4.90
80-90	11.44	N.A.	0.70
90-110	0.02	N.A.	0.00
90-120	0.02	N.A.	0.00
90-130	0.02	N.A.	0.00
90-150	0.02	N.A.	0.00
90-180	0.02	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1531.54	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	56.69
10-20	161.56
20-30	241.15
30-40	283.56
40-50	284.35
50-60	245.32
60-70	172.01
70-80	75.43
80-90	11.44
90-100	0.02
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-(L20)-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-(L20)-DIM-UNV\_.IES**

**UGR TABLE - CORRECTED**

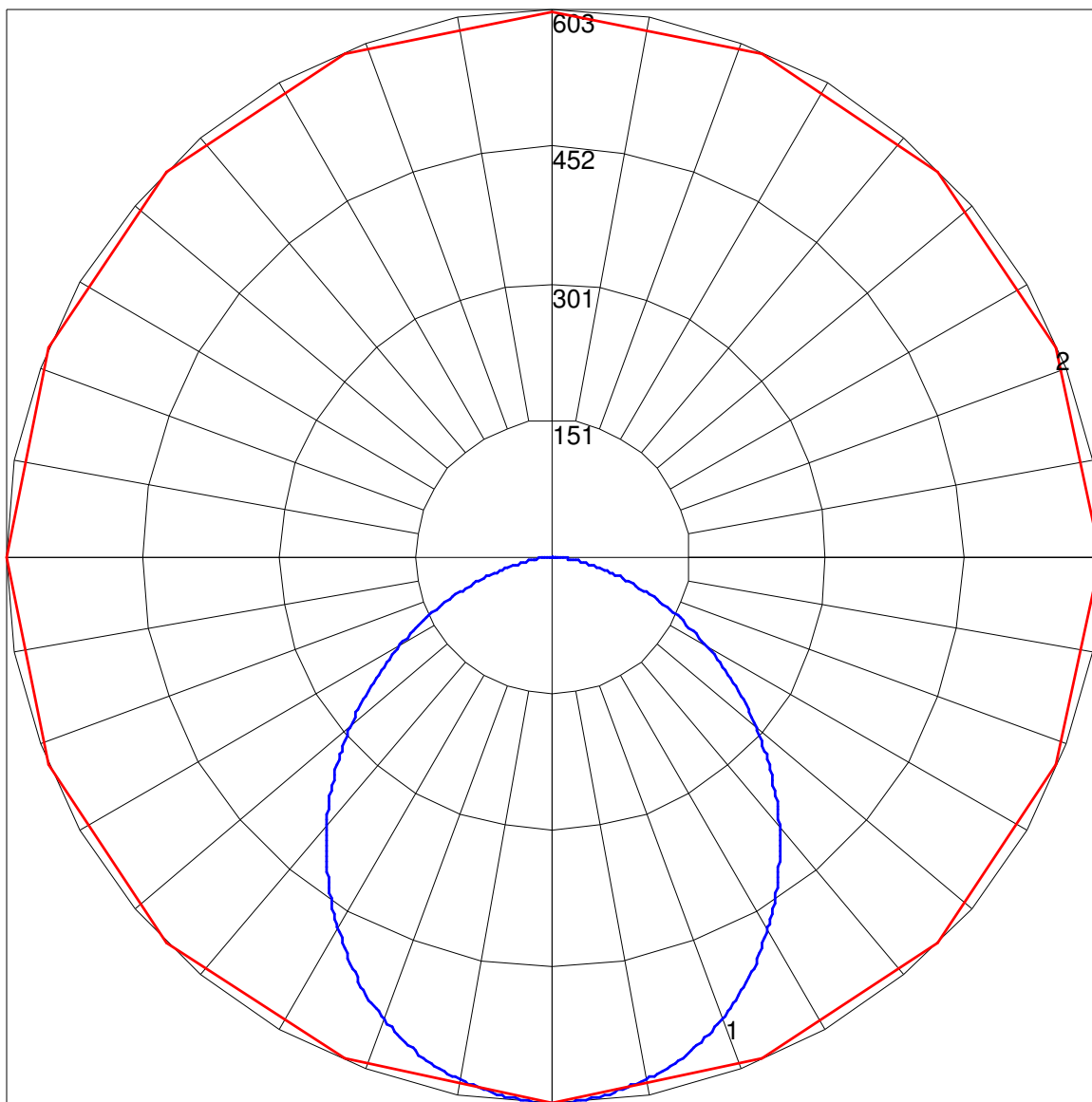
Reflectances

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	13.0	14.6	13.4	14.9	15.2	14.6	16.2	15.0	16.5	16.8
	3H	14.4	15.8	14.7	16.1	16.5	16.1	17.5	16.4	17.8	18.2
	4H	14.8	16.1	15.2	16.4	16.8	16.4	17.8	16.8	18.1	18.5
	6H	15.0	16.2	15.4	16.6	16.9	16.6	17.8	17.0	18.2	18.6
	8H	15.0	16.2	15.4	16.5	16.9	16.6	17.8	17.0	18.1	18.5
	12H	15.0	16.1	15.4	16.5	16.9	16.6	17.7	17.0	18.1	18.5
4H	2H	13.7	15.1	14.1	15.4	15.8	15.0	16.3	15.4	16.7	17.1
	3H	15.3	16.4	15.7	16.8	17.2	16.7	17.8	17.1	18.2	18.6
	4H	15.7	16.7	16.2	17.1	17.6	17.1	18.1	17.6	18.5	19.0
	6H	16.0	16.9	16.4	17.3	17.8	17.3	18.2	17.8	18.6	19.1
	8H	16.0	16.8	16.5	17.3	17.7	17.4	18.2	17.8	18.6	19.1
	12H	16.0	16.8	16.5	17.2	17.7	17.3	18.1	17.8	18.5	19.0
8H	4H	16.0	16.8	16.4	17.2	17.7	17.3	18.1	17.7	18.5	19.0
	6H	16.3	16.9	16.8	17.4	17.9	17.5	18.2	18.0	18.7	19.1
	8H	16.3	16.9	16.8	17.4	17.9	17.5	18.1	18.0	18.6	19.1
	12H	16.3	16.9	16.9	17.4	17.9	17.5	18.1	18.0	18.6	19.1
12H	4H	16.0	16.7	16.4	17.2	17.6	17.2	18.0	17.7	18.4	18.9
	6H	16.3	16.9	16.8	17.4	17.9	17.5	18.1	18.0	18.6	19.1
	8H	16.4	16.9	16.9	17.4	17.9	17.5	18.1	18.0	18.6	19.1

Maximum UGR = 19.1

POLAR GRAPH



Maximum Candela = 602.602 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.)