



IES INDOOR REPORT

PHOTOMETRIC FILENAME : VDILG-S22-L22-835-FAD-PC236-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] 24-APR-2020

[MANUFAC] H E Williams Inc

[LUMCAT] VDILG-S22-L22/835-FAD/PC236-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	2227
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	93
Total Luminaire Watts	23.9
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	2414	2605	2833
55	2120	2372	2742
65	1738	2062	2452
75	1185	1417	1439
85	408	491	384

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VDILG-S22-L22-835-FAD-PC236-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	874.296	874.296	874.296	874.296	874.296
0.5	876.261	874.787	873.805	873.314	874.787
1.0	875.770	874.787	873.314	873.314	874.787
1.5	875.770	874.296	872.823	872.823	874.296
2.0	875.279	873.805	872.332	872.332	873.805
2.5	874.296	873.314	871.840	871.840	872.823
3.0	873.805	872.332	871.349	870.858	872.332
3.5	872.823	871.349	870.367	870.367	871.349
4.0	871.840	870.367	869.385	869.385	870.367
4.5	870.367	869.385	868.402	868.402	869.876
5.0	869.385	868.402	867.420	867.420	868.893
5.5	867.911	866.929	866.437	866.437	867.911
6.0	866.437	865.455	864.964	865.455	866.929
6.5	864.964	863.982	863.490	864.473	865.946
7.0	862.999	862.508	862.508	863.490	864.964
7.5	861.526	861.035	861.035	862.508	864.473
8.0	860.052	859.561	860.052	861.526	862.999
8.5	858.087	858.087	858.579	860.052	862.508
9.0	856.614	856.123	857.596	859.070	861.526
9.5	854.649	854.649	856.123	858.087	860.052
10.0	852.685	852.685	854.649	857.105	859.070
10.5	850.229	850.720	852.685	855.632	858.087
11.0	848.264	848.755	851.211	854.158	856.614
11.5	845.808	846.790	849.246	852.685	855.632
12.0	843.352	844.334	847.282	851.211	854.158
12.5	840.896	841.879	845.317	849.737	852.193
13.0	838.440	839.423	842.861	847.773	850.720
13.5	835.493	836.476	840.405	845.808	848.755
14.0	832.546	834.020	837.949	843.352	846.299
14.5	829.599	831.073	835.493	840.896	844.334
15.0	826.652	828.126	833.037	838.440	841.879
15.5	823.214	824.687	830.090	835.984	839.423
16.0	820.267	821.740	827.143	833.037	836.476
16.5	816.829	818.302	824.196	830.090	834.020
17.0	813.390	814.864	821.249	827.634	831.073
17.5	809.952	811.426	818.302	824.687	828.617
18.0	806.023	807.987	814.864	821.740	825.670
18.5	802.584	804.549	811.426	818.793	823.214
19.0	798.655	800.620	808.479	815.846	820.267
19.5	794.726	797.181	805.040	813.390	817.811
20.0	790.305	793.252	801.602	810.443	814.864
20.5	786.376	789.323	798.164	807.496	811.917
21.0	781.955	785.393	794.234	804.549	809.461
21.5	778.025	780.973	790.796	801.111	806.023
22.0	773.605	777.043	786.867	797.673	803.076
22.5	769.184	772.623	782.937	794.234	799.637
23.0	764.273	768.202	779.008	790.796	796.199
23.5	759.361	763.781	774.587	786.867	792.270
24.0	754.940	758.870	770.658	782.937	788.831
24.5	750.028	753.958	766.237	779.008	784.902
25.0	744.625	749.046	761.817	774.587	780.973
25.5	739.222	744.134	756.905	770.167	776.552
26.0	734.311	738.731	752.484	765.746	772.623
26.5	728.417	733.328	747.572	761.325	768.202

IES INDOOR REPORT**PHOTOMETRIC FILENAME : VDILG-S22-L22-835-FAD-PC236-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

27.0	723.014	727.925	742.661	756.905	764.273
27.5	717.119	722.522	737.749	752.484	759.852
28.0	711.716	717.119	732.837	748.064	755.431
28.5	705.822	711.716	727.925	743.643	751.502
29.0	700.419	706.314	723.014	739.222	747.081
29.5	694.525	700.911	718.102	734.802	742.661
30.0	688.631	695.016	712.699	730.381	738.731
30.5	682.737	689.614	707.787	725.469	734.311
31.0	677.334	684.211	702.384	721.049	729.890
31.5	671.440	678.316	697.472	716.628	725.469
32.0	665.546	672.913	692.069	711.716	721.049
32.5	659.652	667.019	686.666	706.805	716.137
33.0	653.758	661.125	681.263	701.893	711.716
33.5	647.372	655.231	675.861	696.981	706.805
34.0	641.478	649.337	670.458	692.069	701.893
34.5	635.584	643.443	664.563	686.666	696.981
35.0	629.199	637.057	659.160	681.755	692.069
35.5	622.322	631.163	653.758	676.352	687.158
36.0	615.937	624.778	647.863	670.949	682.246
36.5	609.552	618.393	641.969	666.037	677.334
37.0	603.166	612.007	636.566	660.634	671.931
37.5	596.781	606.113	630.672	655.231	667.019
38.0	590.396	599.728	624.287	649.337	661.616
38.5	583.519	593.343	618.393	643.934	656.213
39.0	577.134	586.957	612.499	638.040	650.319
39.5	570.748	580.572	606.113	632.637	644.916
40.0	563.872	574.187	599.728	626.743	639.022
40.5	557.487	567.310	593.834	620.357	633.619
41.0	550.610	560.925	587.449	614.463	627.725
41.5	543.734	554.540	581.063	608.569	622.322
42.0	537.348	547.663	574.187	602.675	616.428
42.5	530.472	540.787	567.801	596.290	611.025
43.0	523.595	533.910	560.925	590.396	605.131
43.5	516.719	527.034	554.540	584.010	599.237
44.0	509.351	520.157	548.154	578.116	593.343
44.5	502.475	513.281	541.278	571.731	587.449
45.0	495.598	505.913	534.893	565.837	581.554
45.5	488.525	499.037	528.016	559.943	575.660
46.0	481.403	492.160	521.631	553.557	569.275
46.5	474.281	484.842	514.754	547.172	563.381
47.0	467.208	477.769	508.369	540.787	556.996
47.5	460.135	470.597	501.492	534.401	551.101
48.0	453.013	463.574	494.616	528.016	545.207
48.5	445.989	456.402	487.592	521.140	539.313
49.0	438.867	449.280	480.617	514.754	533.419
49.5	431.696	442.207	473.446	507.878	527.525
50.0	424.476	435.134	466.373	501.492	521.140
50.5	417.255	427.865	459.251	495.107	515.245
51.0	410.183	420.645	452.129	488.673	508.860
51.5	403.208	413.375	445.007	482.189	502.475
52.0	396.135	406.057	437.738	475.706	496.089
52.5	389.013	398.787	430.615	469.173	489.802
53.0	381.891	391.469	423.543	462.591	483.270
53.5	374.670	384.101	416.420	455.911	476.688
54.0	367.450	376.733	409.298	449.133	469.959
54.5	360.230	369.267	402.225	442.404	463.279

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VDILG-S22-L22-835-FAD-PC236-DIM-UNV_.IES

CANDELA TABULATION - (Cont.)

55.0	353.108	361.801	395.005	435.576	456.648
55.5	345.936	354.385	387.785	428.749	449.919
56.0	338.864	346.870	380.515	421.774	443.239
56.5	331.643	339.453	373.246	414.898	436.657
57.0	324.374	332.085	366.075	407.923	429.879
57.5	317.252	324.668	358.953	400.997	423.150
58.0	310.031	317.350	351.781	393.974	416.371
58.5	302.909	309.982	344.758	386.950	409.593
59.0	295.836	302.664	337.636	379.975	402.717
59.5	288.862	295.394	330.563	373.049	395.889
60.0	281.789	288.223	323.342	366.026	389.062
60.5	274.814	281.052	316.220	359.051	382.431
61.0	267.839	273.979	309.098	351.978	374.818
61.5	260.914	266.759	301.927	344.954	366.124
62.0	253.988	259.587	294.805	338.078	357.086
62.5	247.210	252.465	287.781	330.710	347.999
63.0	240.481	245.392	280.806	323.048	338.913
63.5	233.653	238.418	273.782	314.894	329.678
64.0	226.826	231.394	266.808	306.298	320.543
64.5	219.998	224.370	259.833	297.654	311.554
65.0	213.220	217.395	253.006	288.862	300.846
65.5	206.540	210.519	246.129	279.971	289.451
66.0	199.811	203.741	239.302	271.130	277.859
66.5	193.229	196.913	232.474	261.896	266.857
67.0	186.746	190.233	225.647	251.729	256.984
67.5	180.262	183.602	218.869	241.119	247.112
68.0	173.680	177.020	211.698	230.952	237.091
68.5	167.099	170.390	204.330	220.883	226.777
69.0	160.615	163.857	197.060	211.403	216.315
69.5	154.181	157.422	189.496	201.972	205.656
70.0	147.894	151.037	181.834	192.640	195.341
70.5	141.656	144.701	174.172	183.308	186.205
71.0	135.369	138.512	166.460	173.828	177.266
71.5	129.278	132.422	158.798	164.594	168.425
72.0	123.138	126.380	150.988	156.145	159.535
72.5	117.048	120.339	143.424	147.992	150.644
73.0	111.203	114.543	135.712	140.084	141.852
73.5	105.505	108.992	128.001	132.274	133.011
74.0	99.807	103.295	120.682	124.514	124.415
74.5	94.601	97.843	113.659	116.949	116.164
75.0	89.051	92.243	106.487	109.336	108.157
75.5	83.746	86.742	99.611	101.674	100.200
76.0	78.490	81.437	92.931	94.306	92.587
76.5	73.235	76.133	86.595	87.184	85.318
77.0	68.126	70.877	80.651	80.357	78.441
77.5	63.165	65.965	75.052	73.824	71.859
78.0	58.303	61.053	69.354	67.586	65.769
78.5	53.637	56.240	63.951	61.692	59.875
79.0	49.118	51.574	58.548	55.945	54.128
79.5	44.795	47.104	53.342	50.493	48.774
80.0	40.670	42.880	48.381	45.336	43.666
80.5	36.740	38.803	43.666	40.571	38.950
81.0	33.007	34.923	39.196	36.102	34.530
81.5	29.471	31.288	34.923	31.927	30.404
82.0	26.082	27.850	30.846	28.046	26.524
82.5	22.889	24.608	27.064	24.461	22.938

IES INDOOR REPORT**PHOTOMETRIC FILENAME : VDILG-S22-L22-835-FAD-PC236-DIM-UNV_.IES****CANDELA TABULATION - (Cont.)**

83.0	19.893	21.563	23.527	21.170	19.647
83.5	17.142	18.763	20.335	18.174	16.700
84.0	14.637	16.209	17.437	15.472	13.999
84.5	12.378	13.851	14.784	13.065	11.690
85.0	10.315	11.788	12.427	10.953	9.725
85.5	8.497	9.873	10.315	9.087	8.006
86.0	6.876	8.203	8.546	7.466	6.582
86.5	5.501	6.729	6.926	6.041	5.256
87.0	4.322	5.403	5.550	4.764	4.077
87.5	3.389	4.322	4.371	3.635	2.996
88.0	2.603	3.487	3.438	2.800	2.259
88.5	1.965	2.751	2.701	2.259	1.866
89.0	1.424	2.210	2.210	1.817	1.572
89.5	1.130	1.768	1.768	1.523	1.277
90.0	0.835	1.375	1.375	1.228	1.031
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 : VDILG-S22-L22-835-FAD-PC236-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 : VDILG-S22-L22-835-FAD-PC236-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 : VDILG-S22-L22-835-FAD-PC236-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 : VDILG-S22-L22-835-FAD-PC236-DIM-UNV_.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	317.36	N.A.	14.30
0-30	668.03	N.A.	30.00
0-40	1080.36	N.A.	48.50
0-60	1850.57	N.A.	83.10
0-80	2210.39	N.A.	99.30
0-90	2227.02	N.A.	100.00
10-90	2144.59	N.A.	96.30
20-40	763.00	N.A.	34.30
20-50	1176.48	N.A.	52.80
40-70	1020.33	N.A.	45.80
60-80	359.82	N.A.	16.20
70-80	109.69	N.A.	4.90
80-90	16.63	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	2227.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	82.43
10-20	234.93
20-30	350.66
30-40	412.34
40-50	413.48
50-60	356.72
60-70	250.13
70-80	109.69
80-90	16.63
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 : VDILG-S22-L22-835-FAD-PC236-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	93	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 : VDILG-S22-L22-835-FAD-PC236-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

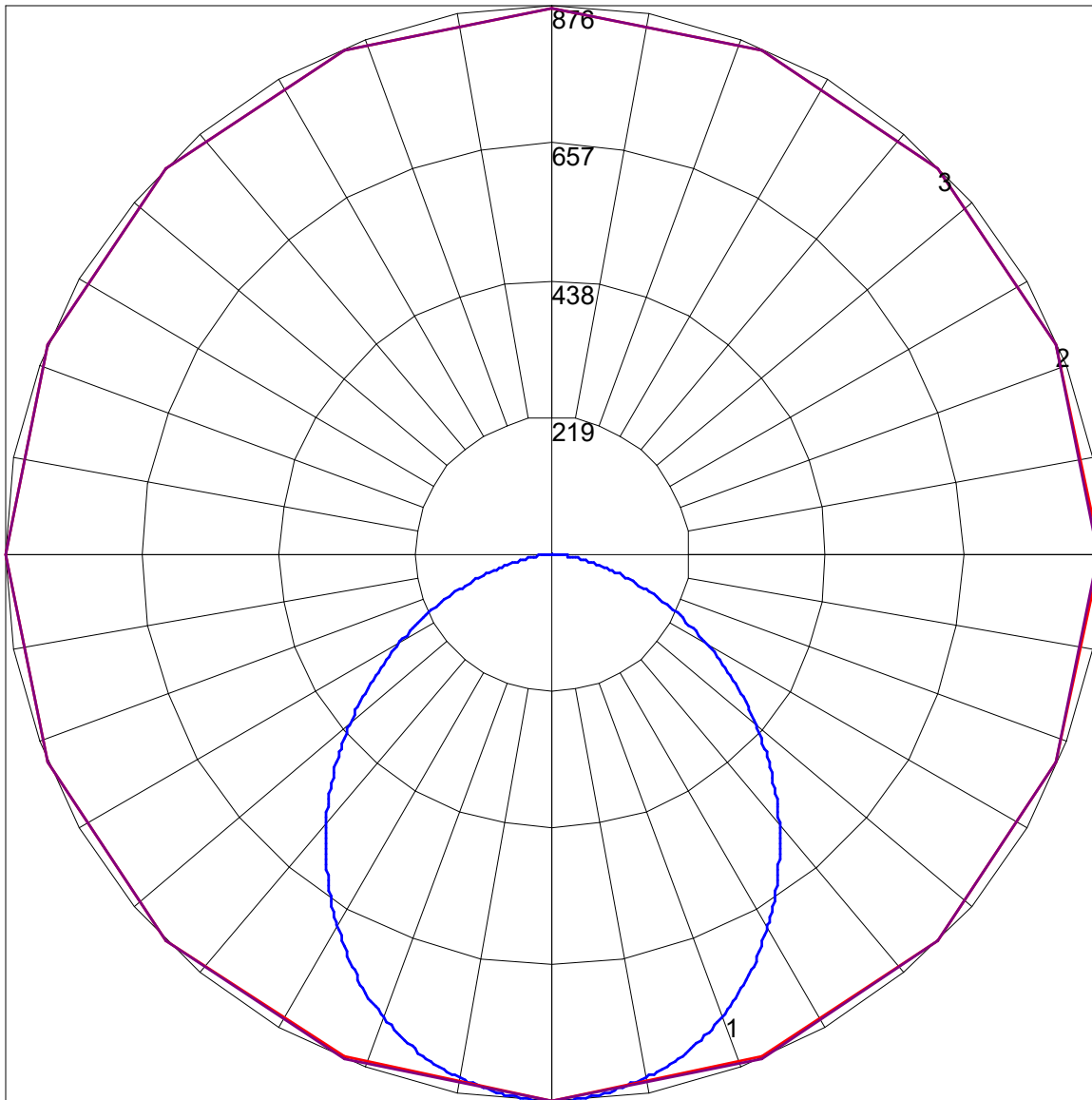
X=2H	Y=2H	14.3	15.9	14.7	16.2	16.5	15.9	17.5	16.3	17.8	18.1
	3H	15.7	17.1	16.0	17.4	17.8	17.4	18.8	17.8	19.1	19.5
	4H	16.1	17.4	16.5	17.7	18.1	17.7	19.1	18.1	19.4	19.8
	6H	16.3	17.5	16.7	17.9	18.2	17.9	19.1	18.3	19.5	19.9
	8H	16.3	17.5	16.7	17.8	18.2	17.9	19.1	18.3	19.4	19.8
	12H	16.3	17.4	16.7	17.8	18.2	17.9	19.0	18.3	19.4	19.8

UGR Viewed Endwise

4H	2H	15.0	16.4	15.4	16.7	17.1	16.3	17.6	16.7	18.0	18.4
	3H	16.6	17.7	17.0	18.1	18.5	18.0	19.1	18.4	19.5	19.9
	4H	17.0	18.0	17.5	18.4	18.9	18.4	19.4	18.9	19.8	20.3
	6H	17.3	18.2	17.7	18.6	19.1	18.6	19.5	19.1	19.9	20.4
	8H	17.3	18.1	17.8	18.6	19.0	18.7	19.5	19.1	19.9	20.4
	12H	17.3	18.1	17.8	18.5	19.0	18.6	19.4	19.1	19.8	20.3
8H	4H	17.3	18.1	17.7	18.5	19.0	18.6	19.4	19.0	19.8	20.3
	6H	17.6	18.2	18.1	18.7	19.2	18.8	19.5	19.3	20.0	20.4
	8H	17.6	18.2	18.1	18.7	19.2	18.8	19.4	19.3	19.9	20.4
	12H	17.6	18.2	18.2	18.7	19.2	18.8	19.4	19.3	19.9	20.4
12H	4H	17.3	18.0	17.7	18.5	18.9	18.5	19.3	19.0	19.7	20.2
	6H	17.6	18.2	18.1	18.7	19.2	18.8	19.4	19.3	19.9	20.4
	8H	17.7	18.2	18.2	18.7	19.2	18.8	19.4	19.3	19.9	20.4

Maximum UGR = 20.4

POLAR GRAPH



Maximum Candela = 876.261 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.)
3 - Horizontal Cone Through Vertical Angle (0)